

CTEH - ER

Sample Delivery Group: L1867555
Samples Received: 06/08/2025
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

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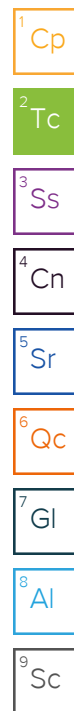
Pace Analytical National12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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SAMPLE SUMMARY

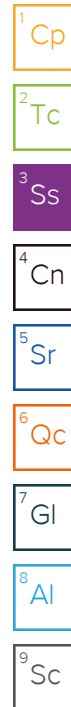
GACO0607GCW001 L1867555-01

Collected by
Reagan Rives

Collected date/time
06/07/25 09:40

Received date/time
06/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2536650	1	06/13/25 10:49	06/13/25 10:49	KMB	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG2533534	1	06/08/25 11:46	06/08/25 14:06	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 D-2020	WG2533563	1	06/08/25 09:34	06/08/25 15:24	AMG	Mt. Juliet, TN
Wet Chemistry by Method 130.1	WG2533627	1	06/09/25 11:24	06/09/25 22:55	AEC	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2533622	1	06/08/25 13:27	06/08/25 13:27	BJM	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2533567	1	06/08/25 14:54	06/08/25 14:54	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2533567	1	06/09/25 10:51	06/09/25 10:51	DLH	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2533726	1	06/08/25 19:36	06/08/25 19:36	RTW	Mt. Juliet, TN
Wet Chemistry by Method 351.2	WG2536650	1	06/12/25 07:35	06/13/25 10:49	KMB	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2536181	1	06/11/25 09:09	06/11/25 15:30	KMB	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2014	WG2533581	1	06/08/25 12:19	06/08/25 12:19	AF	Mt. Juliet, TN
Wet Chemistry by Method 5540 C-2011	WG2533675	1	06/08/25 13:40	06/08/25 17:21	SDE	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2533804	1	06/09/25 15:56	06/09/25 15:56	ANW	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2533638	1	06/08/25 13:01	06/08/25 13:01	BJM	Mt. Juliet, TN
Mercury by Method 7470A	WG2533594	1	06/08/25 12:13	06/08/25 15:09	AKB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2533609	1	06/08/25 11:35	06/08/25 19:39	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2533611	1	06/08/25 11:42	06/08/25 17:11	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2533629	1	06/08/25 13:08	06/08/25 13:08	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533613	1	06/08/25 16:10	06/08/25 16:10	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2533612	1	06/08/25 15:34	06/09/25 14:24	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2533578	1	06/08/25 12:44	06/08/25 21:49	ALM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2533578	1	06/08/25 12:44	06/09/25 11:10	JCH	Mt. Juliet, TN



GACO0607GCT001 L1867555-02

Collected by
Reagan Rives

Collected date/time
06/07/25 07:00

Received date/time
06/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533613	1	06/08/25 13:11	06/08/25 13:11	ADM	Mt. Juliet, TN

GACO0607GCW002 L1867555-03

Collected by
Reagan Rives

Collected date/time
06/07/25 10:00

Received date/time
06/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2536650	1	06/13/25 10:52	06/13/25 10:52	KMB	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG2533534	1	06/08/25 11:46	06/08/25 14:06	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 D-2020	WG2533563	1	06/08/25 09:34	06/08/25 15:24	AMG	Mt. Juliet, TN
Wet Chemistry by Method 130.1	WG2533627	1	06/09/25 11:24	06/09/25 22:56	AEC	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2533622	1	06/08/25 13:35	06/08/25 13:35	BJM	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2533567	1	06/08/25 15:47	06/08/25 15:47	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2533567	1	06/09/25 11:43	06/09/25 11:43	DLH	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2533726	1	06/08/25 19:37	06/08/25 19:37	RTW	Mt. Juliet, TN
Wet Chemistry by Method 351.2	WG2536650	1	06/12/25 07:35	06/13/25 10:52	KMB	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2536181	1	06/11/25 09:09	06/11/25 15:33	KMB	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2014	WG2533581	1	06/08/25 13:32	06/08/25 13:32	AF	Mt. Juliet, TN
Wet Chemistry by Method 5540 C-2011	WG2533675	1	06/08/25 13:40	06/08/25 17:22	SDE	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2533804	1	06/09/25 16:06	06/09/25 16:06	ANW	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2533638	1	06/08/25 13:01	06/08/25 13:01	BJM	Mt. Juliet, TN
Mercury by Method 7470A	WG2533594	1	06/08/25 12:13	06/08/25 15:12	AKB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2533609	1	06/08/25 11:35	06/08/25 19:42	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2533611	1	06/08/25 11:42	06/08/25 17:14	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2533629	1	06/08/25 13:30	06/08/25 13:30	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533613	1	06/08/25 16:29	06/08/25 16:29	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2533612	1	06/08/25 15:34	06/09/25 14:46	TJD	Mt. Juliet, TN

SAMPLE SUMMARY

GACO0607GCW002 L1867555-03

			Collected by Reagan Rives	Collected date/time 06/07/25 10:00	Received date/time 06/08/25 08:00		
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location	
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2533578	1	06/08/25 12:44	06/08/25 22:10	ALM	Mt. Juliet, TN	

GACO0607GCT002 L1867555-04

			Collected by Reagan Rives	Collected date/time 06/07/25 07:00	Received date/time 06/08/25 08:00		
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location	
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533613	1	06/08/25 13:31	06/08/25 13:31	ADM	Mt. Juliet, TN	

GACO0607GCW003 L1867555-05

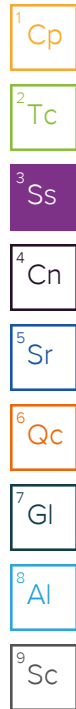
			Collected by Reagan Rives	Collected date/time 06/07/25 10:30	Received date/time 06/08/25 08:00		
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location	
Calculated Results	WG25336650	1	06/13/25 10:54	06/13/25 10:54	KMB	Mt. Juliet, TN	
Gravimetric Analysis by Method 2540 C-2011	WG2533534	1	06/08/25 11:46	06/08/25 14:06	MMF	Mt. Juliet, TN	
Gravimetric Analysis by Method 2540 D-2020	WG2533563	1	06/08/25 09:34	06/08/25 15:24	AMG	Mt. Juliet, TN	
Wet Chemistry by Method 130.1	WG2533627	1	06/09/25 11:24	06/09/25 22:58	AEC	Mt. Juliet, TN	
Wet Chemistry by Method 2320 B-2011	WG2533622	1	06/08/25 13:39	06/08/25 13:39	BJM	Mt. Juliet, TN	
Wet Chemistry by Method 300.0	WG2533567	1	06/08/25 16:28	06/08/25 16:28	ZSA	Mt. Juliet, TN	
Wet Chemistry by Method 300.0	WG2533567	1	06/09/25 12:21	06/09/25 12:21	DLH	Mt. Juliet, TN	
Wet Chemistry by Method 350.1	WG2533726	1	06/08/25 19:39	06/08/25 19:39	RTW	Mt. Juliet, TN	
Wet Chemistry by Method 351.2	WG25336650	1	06/12/25 07:35	06/13/25 10:54	KMB	Mt. Juliet, TN	
Wet Chemistry by Method 365.4	WG25336181	1	06/11/25 09:09	06/11/25 15:38	KMB	Mt. Juliet, TN	
Wet Chemistry by Method 5310 B-2014	WG2533581	1	06/08/25 14:17	06/08/25 14:17	AF	Mt. Juliet, TN	
Wet Chemistry by Method 5540 C-2011	WG2533675	1	06/08/25 13:40	06/08/25 17:23	SDE	Mt. Juliet, TN	
Wet Chemistry by Method 7199	WG2533804	1	06/09/25 16:16	06/09/25 16:16	ANW	Mt. Juliet, TN	
Wet Chemistry by Method 9040C	WG2533638	1	06/08/25 13:01	06/08/25 13:01	BJM	Mt. Juliet, TN	
Mercury by Method 7470A	WG2533594	1	06/08/25 12:13	06/08/25 15:14	AKB	Mt. Juliet, TN	
Metals (ICPMS) by Method 6020B	WG2533609	1	06/08/25 11:35	06/08/25 19:45	LD	Mt. Juliet, TN	
Metals (ICPMS) by Method 6020B	WG2533611	1	06/08/25 11:42	06/08/25 17:17	LD	Mt. Juliet, TN	
Volatile Organic Compounds (GC) by Method 8015D	WG2533629	5	06/08/25 15:07	06/08/25 15:07	ADM	Mt. Juliet, TN	
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533613	1	06/08/25 16:49	06/08/25 16:49	ADM	Mt. Juliet, TN	
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2533612	1	06/08/25 15:34	06/09/25 15:08	TJD	Mt. Juliet, TN	
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2533578	1	06/08/25 12:44	06/08/25 22:32	ALM	Mt. Juliet, TN	

GACO0607GCT003 L1867555-06

			Collected by Reagan Rives	Collected date/time 06/07/25 07:00	Received date/time 06/08/25 08:00		
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location	
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533613	1	06/08/25 13:51	06/08/25 13:51	ADM	Mt. Juliet, TN	

GACO0607GCW004 L1867555-07

			Collected by Reagan Rives	Collected date/time 06/07/25 07:50	Received date/time 06/08/25 08:00		
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location	
Calculated Results	WG25336650	1	06/13/25 10:56	06/13/25 10:56	KMB	Mt. Juliet, TN	
Gravimetric Analysis by Method 2540 C-2011	WG2533534	1	06/08/25 11:46	06/08/25 14:06	MMF	Mt. Juliet, TN	
Gravimetric Analysis by Method 2540 D-2020	WG2533563	1	06/08/25 09:34	06/08/25 15:24	AMG	Mt. Juliet, TN	
Wet Chemistry by Method 130.1	WG2533627	1	06/09/25 11:24	06/09/25 22:59	AEC	Mt. Juliet, TN	
Wet Chemistry by Method 2320 B-2011	WG2533622	1	06/08/25 13:43	06/08/25 13:43	BJM	Mt. Juliet, TN	
Wet Chemistry by Method 300.0	WG2533567	1	06/08/25 16:41	06/08/25 16:41	ZSA	Mt. Juliet, TN	
Wet Chemistry by Method 300.0	WG2533567	1	06/09/25 12:34	06/09/25 12:34	DLH	Mt. Juliet, TN	
Wet Chemistry by Method 350.1	WG2533726	1	06/08/25 19:50	06/08/25 19:50	RTW	Mt. Juliet, TN	

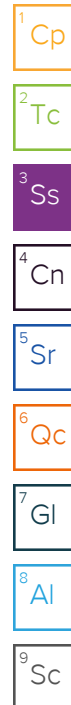


SAMPLE SUMMARY

GACO0607GCW004 L1867555-07

Collected by Reagan Rives Collected date/time 06/07/25 07:50 Received date/time 06/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 351.2	WG2536650	1	06/12/25 07:35	06/13/25 10:56	KMB	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2536181	1	06/11/25 09:09	06/11/25 15:39	KMB	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2014	WG2533581	1	06/08/25 14:40	06/08/25 14:40	AF	Mt. Juliet, TN
Wet Chemistry by Method 5540 C-2011	WG2533675	1	06/08/25 13:40	06/08/25 17:24	SDE	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2533804	1	06/09/25 16:26	06/09/25 16:26	ANW	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2533638	1	06/08/25 13:01	06/08/25 13:01	BJM	Mt. Juliet, TN
Mercury by Method 7470A	WG2533594	1	06/08/25 12:13	06/08/25 15:17	AKB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2533609	1	06/08/25 11:35	06/08/25 19:56	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2533611	1	06/08/25 11:42	06/08/25 17:20	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2533629	1	06/08/25 15:30	06/08/25 15:30	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533613	1	06/08/25 17:08	06/08/25 17:08	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2533612	1	06/08/25 15:34	06/09/25 15:30	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2533578	1	06/08/25 12:44	06/08/25 22:53	ALM	Mt. Juliet, TN



GACO0607GCT004 L1867555-08

Collected by Reagan Rives Collected date/time 06/07/25 07:00 Received date/time 06/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533613	1	06/08/25 14:10	06/08/25 14:10	ADM	Mt. Juliet, TN

GACO0607GCW005 L1867555-09

Collected by Joe Johnstone Collected date/time 06/07/25 07:15 Received date/time 06/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2536650	1	06/13/25 10:58	06/13/25 10:58	KMB	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG2533534	1	06/08/25 11:46	06/08/25 14:06	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 D-2020	WG2533563	1	06/08/25 09:34	06/08/25 15:24	AMG	Mt. Juliet, TN
Wet Chemistry by Method 130.1	WG2533627	1	06/09/25 11:24	06/09/25 23:00	AEC	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2533622	1	06/08/25 13:47	06/08/25 13:47	BJM	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2533567	1	06/08/25 17:22	06/08/25 17:22	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2533567	1	06/09/25 12:47	06/09/25 12:47	DLH	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2533726	1	06/08/25 19:54	06/08/25 19:54	RTW	Mt. Juliet, TN
Wet Chemistry by Method 351.2	WG2536650	1	06/12/25 07:35	06/13/25 10:58	KMB	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2536181	1	06/11/25 09:09	06/11/25 15:40	KMB	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2014	WG2533581	1	06/08/25 15:02	06/08/25 15:02	AF	Mt. Juliet, TN
Wet Chemistry by Method 5540 C-2011	WG2533675	1	06/08/25 13:40	06/08/25 17:24	SDE	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2533804	1	06/09/25 16:35	06/09/25 16:35	ANW	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2533638	1	06/08/25 13:01	06/08/25 13:01	BJM	Mt. Juliet, TN
Mercury by Method 7470A	WG2533594	1	06/08/25 12:13	06/08/25 15:19	AKB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2533609	1	06/08/25 11:35	06/08/25 19:59	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2533611	1	06/08/25 11:42	06/08/25 17:32	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2533629	1	06/08/25 15:51	06/08/25 15:51	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533613	1	06/08/25 17:27	06/08/25 17:27	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2533612	1	06/08/25 15:34	06/09/25 15:53	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2533578	1	06/08/25 12:44	06/08/25 23:14	ALM	Mt. Juliet, TN

GACO0607GCT005 L1867555-10

Collected by Joe Johnstone Collected date/time 06/07/25 07:00 Received date/time 06/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533613	1	06/08/25 14:30	06/08/25 14:30	ADM	Mt. Juliet, TN

SAMPLE SUMMARY

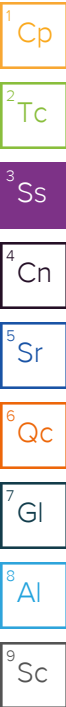
GACO0607GCW006 L1867555-11

Collected by
Joe Johnstone

Collected date/time
06/07/25 07:38

Received date/time
06/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2536650	1	06/13/25 11:00	06/13/25 11:00	KMB	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG2533534	1	06/08/25 11:46	06/08/25 14:06	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 D-2020	WG2533563	1	06/08/25 09:34	06/08/25 15:24	AMG	Mt. Juliet, TN
Wet Chemistry by Method 130.1	WG2533627	1	06/09/25 11:24	06/09/25 23:02	AEC	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2533622	1	06/08/25 13:52	06/08/25 13:52	BJM	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2533567	1	06/08/25 17:35	06/08/25 17:35	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2533567	1	06/09/25 13:00	06/09/25 13:00	DLH	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2533726	1	06/08/25 19:56	06/08/25 19:56	RTW	Mt. Juliet, TN
Wet Chemistry by Method 351.2	WG2536650	1	06/12/25 07:35	06/13/25 11:00	KMB	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2536181	1	06/11/25 09:09	06/11/25 15:41	KMB	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2014	WG2533581	1	06/08/25 15:24	06/08/25 15:24	AF	Mt. Juliet, TN
Wet Chemistry by Method 5540 C-2011	WG2533675	1	06/08/25 13:40	06/08/25 17:27	SDE	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2533804	1	06/09/25 17:03	06/09/25 17:03	ANW	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2533638	1	06/08/25 13:01	06/08/25 13:01	BJM	Mt. Juliet, TN
Mercury by Method 7470A	WG2533594	1	06/08/25 12:13	06/08/25 15:29	AKB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2533609	1	06/08/25 11:35	06/08/25 20:03	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2533611	1	06/08/25 11:42	06/08/25 17:35	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2533629	1	06/08/25 16:12	06/08/25 16:12	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533613	1	06/08/25 17:47	06/08/25 17:47	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2533612	1	06/08/25 15:34	06/09/25 16:15	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2533578	1	06/08/25 12:44	06/08/25 23:35	ALM	Mt. Juliet, TN



GACO0607GCT006 L1867555-12

Collected by
Joe Johnstone

Collected date/time
06/07/25 07:00

Received date/time
06/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533613	1	06/08/25 14:50	06/08/25 14:50	ADM	Mt. Juliet, TN

GACO0607GCW007 L1867555-13

Collected by
Joe Johnstone

Collected date/time
06/07/25 07:56

Received date/time
06/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2536650	1	06/13/25 11:02	06/13/25 11:02	KMB	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG2533534	1	06/08/25 11:46	06/08/25 14:06	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 D-2020	WG2533563	1	06/08/25 09:34	06/08/25 15:24	AMG	Mt. Juliet, TN
Wet Chemistry by Method 130.1	WG2533627	1	06/09/25 11:24	06/09/25 23:03	AEC	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2533622	1	06/08/25 13:58	06/08/25 13:58	BJM	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2533567	1	06/08/25 17:49	06/08/25 17:49	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2533567	1	06/09/25 13:13	06/09/25 13:13	DLH	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2533726	1	06/08/25 19:57	06/08/25 19:57	RTW	Mt. Juliet, TN
Wet Chemistry by Method 351.2	WG2536650	1	06/12/25 07:35	06/13/25 11:02	KMB	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2536181	1	06/11/25 09:09	06/11/25 15:43	KMB	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2014	WG2533581	1	06/08/25 15:55	06/08/25 15:55	AF	Mt. Juliet, TN
Wet Chemistry by Method 5540 C-2011	WG2533675	1	06/08/25 13:40	06/08/25 17:28	SDE	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2533804	1	06/09/25 17:33	06/09/25 17:33	ANW	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2533638	1	06/08/25 13:01	06/08/25 13:01	BJM	Mt. Juliet, TN
Mercury by Method 7470A	WG2533594	1	06/08/25 12:13	06/08/25 15:32	AKB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2533609	1	06/08/25 11:35	06/08/25 20:06	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2533611	1	06/08/25 11:42	06/08/25 17:38	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2533629	1	06/08/25 16:34	06/08/25 16:34	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533613	1	06/08/25 18:07	06/08/25 18:07	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2533612	1	06/08/25 15:34	06/09/25 16:37	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2533578	1	06/08/25 12:44	06/08/25 23:57	ALM	Mt. Juliet, TN

SAMPLE SUMMARY

GACO0607GCT007 L1867555-14

Collected by
Joe Johnstone

Collected date/time
06/07/25 07:00

Received date/time
06/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533613	1	06/08/25 15:10	06/08/25 15:10	ADM	Mt. Juliet, TN

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

GACO0607GCV002 L1867555-15

Collected by
Joe Johnstone

Collected date/time
06/07/25 10:00

Received date/time
06/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG25336650	1	06/13/25 11:04	06/13/25 11:04	KMB	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG2533534	1	06/08/25 11:46	06/08/25 14:06	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 D-2020	WG2533563	1	06/08/25 09:34	06/08/25 15:24	AMG	Mt. Juliet, TN
Wet Chemistry by Method 130.1	WG2533627	1	06/09/25 11:24	06/09/25 23:04	AEC	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2533622	1	06/08/25 14:12	06/08/25 14:12	BJM	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2533567	1	06/08/25 18:02	06/08/25 18:02	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2533567	1	06/09/25 13:26	06/09/25 13:26	DLH	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2533726	1	06/08/25 19:59	06/08/25 19:59	RTW	Mt. Juliet, TN
Wet Chemistry by Method 351.2	WG25336650	1	06/12/25 07:35	06/13/25 11:04	KMB	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG25336181	1	06/11/25 09:09	06/11/25 15:44	KMB	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2014	WG2533581	1	06/08/25 16:17	06/08/25 16:17	AF	Mt. Juliet, TN
Wet Chemistry by Method 5540 C-2011	WG2533675	1	06/08/25 13:40	06/08/25 17:29	SDE	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2533804	1	06/09/25 17:43	06/09/25 17:43	ANW	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2533638	1	06/08/25 13:01	06/08/25 13:01	BJM	Mt. Juliet, TN
Mercury by Method 7470A	WG2533594	1	06/08/25 12:13	06/08/25 14:59	AKB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2533609	1	06/08/25 11:35	06/08/25 20:09	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2533611	1	06/08/25 11:42	06/08/25 17:41	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2533629	1	06/08/25 16:55	06/08/25 16:55	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533613	1	06/08/25 18:26	06/08/25 18:26	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2533612	1	06/08/25 15:34	06/09/25 16:59	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2533578	1	06/08/25 12:44	06/09/25 00:18	ALM	Mt. Juliet, TN

Collected by
Joe Johnstone

Collected date/time
06/07/25 07:00

Received date/time
06/08/25 08:00

GACO0607GCT008 L1867555-16

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533613	1	06/08/25 15:30	06/08/25 15:30	ADM	Mt. Juliet, TN

Collected by
Reagan Rives

Collected date/time
06/07/25 09:40

Received date/time
06/08/25 08:00

GACO0607GCW001 L1867555-17

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2533696	1	06/09/25 06:06	06/11/25 18:38	DDD	Mt. Juliet, TN
Radiochemistry by Method D5174	WG2534692	1	06/10/25 22:47	06/12/25 15:26	CAB	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2533871	1	06/09/25 10:45	06/10/25 15:58	ZRG	Mt. Juliet, TN

Collected by
Reagan Rives

Collected date/time
06/07/25 10:00

Received date/time
06/08/25 08:00

GACO0607GCW002 L1867555-18

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2533696	1	06/09/25 06:06	06/11/25 18:38	DDD	Mt. Juliet, TN
Radiochemistry by Method D5174	WG2534692	1	06/10/25 22:47	06/12/25 15:27	CAB	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2533871	1	06/09/25 10:45	06/10/25 15:58	ZRG	Mt. Juliet, TN

SAMPLE SUMMARY

GACO0607GCW003 L1867555-19

Collected by
Reagan Rives

Collected date/time
06/07/25 10:30

Received date/time
06/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2533696	1	06/09/25 06:06	06/11/25 18:38	DDD	Mt. Juliet, TN
Radiochemistry by Method D5174	WG2534692	1	06/10/25 22:47	06/12/25 15:29	CAB	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2533871	1	06/09/25 10:45	06/10/25 15:58	ZRG	Mt. Juliet, TN

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

GACO0607GCW004 L1867555-20

Collected by
Reagan Rives

Collected date/time
06/07/25 07:50

Received date/time
06/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2533696	1	06/09/25 06:06	06/11/25 18:38	DDD	Mt. Juliet, TN
Radiochemistry by Method D5174	WG2534692	1	06/10/25 22:47	06/12/25 15:33	CAB	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2533871	1	06/09/25 10:45	06/10/25 15:58	ZRG	Mt. Juliet, TN

GACO0607GCW005 L1867555-21

Collected by
Joe Johnstone

Collected date/time
06/07/25 07:15

Received date/time
06/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2533696	1	06/09/25 06:06	06/11/25 18:38	DDD	Mt. Juliet, TN
Radiochemistry by Method D5174	WG2534692	1	06/10/25 22:47	06/12/25 15:35	CAB	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2533871	1	06/09/25 10:45	06/10/25 15:58	ZRG	Mt. Juliet, TN

GACO0607GCW006 L1867555-22

Collected by
Joe Johnstone

Collected date/time
06/07/25 07:38

Received date/time
06/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2533696	1	06/09/25 06:06	06/11/25 18:38	DDD	Mt. Juliet, TN
Radiochemistry by Method D5174	WG2534692	1	06/10/25 22:47	06/12/25 15:37	CAB	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2533871	1	06/09/25 10:45	06/10/25 15:58	ZRG	Mt. Juliet, TN

GACO0607GCW007 L1867555-23

Collected by
Joe Johnstone

Collected date/time
06/07/25 07:56

Received date/time
06/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2533696	1	06/09/25 06:06	06/11/25 18:38	DDD	Mt. Juliet, TN
Radiochemistry by Method D5174	WG2534692	1	06/10/25 22:47	06/12/25 15:38	CAB	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2533871	1	06/09/25 10:45	06/10/25 15:58	ZRG	Mt. Juliet, TN

GACO0607GCV002 L1867555-24

Collected by
Joe Johnstone

Collected date/time
06/07/25 10:00

Received date/time
06/08/25 08:00

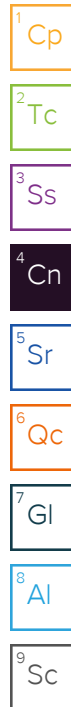
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2533696	1	06/09/25 06:06	06/11/25 18:38	DDD	Mt. Juliet, TN
Radiochemistry by Method D5174	WG2534692	1	06/10/25 22:47	06/12/25 15:40	CAB	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2533871	1	06/09/25 10:45	06/10/25 15:58	ZRG	Mt. Juliet, TN

CASE NARRATIVE

Unless qualified or notated within the narrative below, all sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Jared Starkey
Project Manager



Sample Delivery Group (SDG) Narrative

Sample was prepared and/or analyzed past recommended holding time. Concentrations should be considered minimum values.

Batch	Method	Lab Sample ID
WG2533567	300.0	L1867555-01, 03, 05, 07, 09, 11, 13, 15

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

Batch	Method	Lab Sample ID
WG2533638	9040C	L1867555-01, 03, 05, 07, 09, 11, 13, 15

Wet Chemistry by Method 300.0

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

Batch	Lab Sample ID	Analytes
WG2533567	(MS) R4227698-7, (MS) R4227698-4, (MSD) R4227698-5, L1867555-01, 03	Chloride and Sulfate

Wet Chemistry by Method 351.2

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

Batch	Lab Sample ID	Analytes
WG2536650	(DUP) R4229931-5, L1867555-01	Kjeldahl Nitrogen, TKN

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

Batch	Lab Sample ID	Analytes
WG2536650	(MS) R4229931-3, (MS) R4229931-6, (MSD) R4229931-4	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
WG2536181	(DUP) R4228892-3, L1867555-01	Phosphorus, Total

CASE NARRATIVE

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
WG2533613	L1867555-01	Acetone and Acrolein
WG2533613	L1867555-02	Acetone and Acrolein
WG2533613	L1867555-03	Acetone and Acrolein
WG2533613	L1867555-04	Acetone and Acrolein
WG2533613	L1867555-05	Acetone and Acrolein
WG2533613	L1867555-06	Acetone and Acrolein
WG2533613	L1867555-07	Acetone and Acrolein
WG2533613	L1867555-08	Acetone and Acrolein
WG2533613	L1867555-09	Acetone and Acrolein
WG2533613	L1867555-10	Acetone and Acrolein
WG2533613	L1867555-11	Acetone and Acrolein
WG2533613	L1867555-12	Acetone and Acrolein
WG2533613	L1867555-13	Acetone and Acrolein
WG2533613	L1867555-14	Acetone and Acrolein
WG2533613	L1867555-15	Acetone and Acrolein
WG2533613	L1867555-16	Acetone and Acrolein

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
WG2533578	L1867555-01	Benzidine and Hexachlorocyclopentadiene
WG2533578	L1867555-03	Benzidine and Hexachlorocyclopentadiene
WG2533578	L1867555-05	Benzidine and Hexachlorocyclopentadiene
WG2533578	L1867555-07	Benzidine and Hexachlorocyclopentadiene
WG2533578	L1867555-09	Benzidine and Hexachlorocyclopentadiene
WG2533578	L1867555-11	Benzidine and Hexachlorocyclopentadiene
WG2533578	L1867555-13	Benzidine and Hexachlorocyclopentadiene
WG2533578	L1867555-15	Benzidine and Hexachlorocyclopentadiene

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Calculated Results

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Total Nitrogen	782		100	1	06/13/2025 10:49	WG2536650

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Dissolved Solids	201000		10000	1	06/08/2025 14:06	WG2533534

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Suspended Solids	97900		13200	1	06/08/2025 15:24	WG2533563

Wet Chemistry by Method 130.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Hardness (colorimetric) as CaCO3	129000		30000	1	06/09/2025 22:55	WG2533627

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Alkalinity	64800		20000	1	06/08/2025 13:27	WG2533622
Alkalinity,Bicarbonate	64800		20000	1	06/08/2025 13:27	WG2533622
Alkalinity,Carbonate	ND		20000	1	06/08/2025 13:27	WG2533622

Sample Narrative:

L1867555-01 WG2533622: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Bromide	ND		1000	1	06/09/2025 10:51	WG2533567
Chloride	7960		1000	1	06/09/2025 10:51	WG2533567
Fluoride	234		150	1	06/09/2025 10:51	WG2533567
Nitrate as (N)	318		100	1	06/08/2025 14:54	WG2533567
Nitrite as (N)	ND	Q	100	1	06/09/2025 10:51	WG2533567
Sulfate	63600	J6	5000	1	06/09/2025 10:51	WG2533567

Wet Chemistry by Method 350.1

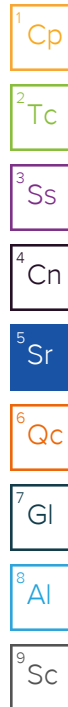
Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		100	1	06/08/2025 19:36	WG2533726

Wet Chemistry by Method 351.2

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	465	P1	250	1	06/13/2025 10:49	WG2536650

Wet Chemistry by Method 365.4

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Phosphorus,Total	189	P1	100	1	06/11/2025 15:30	WG2536181



Wet Chemistry by Method 5310 B-2014

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	4550		1000	1	06/08/2025 12:19	WG2533581

Wet Chemistry by Method 5540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
MBAS	ND		100	1	06/08/2025 17:21	WG2533675

Wet Chemistry by Method 7199

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.500	1	06/09/2025 15:56	WG2533804

Wet Chemistry by Method 9040C

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.13	T8	1	06/08/2025 13:01	WG2533638

Sample Narrative:

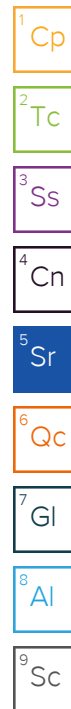
L1867555-01 WG2533638: 8.13 at 23C

Mercury by Method 7470A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Mercury	ND		0.200	1	06/08/2025 15:09	WG2533594

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Aluminum	837		100	1	06/08/2025 19:39	WG2533609
Aluminum,Dissolved	ND		100	1	06/08/2025 17:11	WG2533611
Antimony	ND		4.00	1	06/08/2025 19:39	WG2533609
Arsenic	ND		2.00	1	06/08/2025 19:39	WG2533609
Arsenic,Dissolved	ND		2.00	1	06/08/2025 17:11	WG2533611
Barium	33.8		2.00	1	06/08/2025 19:39	WG2533609
Beryllium	ND		2.00	1	06/08/2025 19:39	WG2533609
Boron	40.0		30.0	1	06/08/2025 19:39	WG2533609
Cadmium	ND		1.00	1	06/08/2025 19:39	WG2533609
Cadmium,Dissolved	ND		1.00	1	06/08/2025 17:11	WG2533611
Calcium	33200		1000	1	06/08/2025 19:39	WG2533609
Chromium	ND		2.00	1	06/08/2025 19:39	WG2533609
Chromium,Dissolved	ND		2.00	1	06/08/2025 17:11	WG2533611
Copper	ND		5.00	1	06/08/2025 19:39	WG2533609
Copper,Dissolved	ND		5.00	1	06/08/2025 17:11	WG2533611
Cobalt	ND		2.00	1	06/08/2025 19:39	WG2533609
Iron	611		100	1	06/08/2025 19:39	WG2533609
Lead	ND		2.00	1	06/08/2025 19:39	WG2533609
Lead,Dissolved	ND		2.00	1	06/08/2025 17:11	WG2533611
Magnesium	11000		1000	1	06/08/2025 19:39	WG2533609
Manganese	55.4		5.00	1	06/08/2025 19:39	WG2533609
Manganese,Dissolved	ND		5.00	1	06/08/2025 17:11	WG2533611
Nickel	ND		2.00	1	06/08/2025 19:39	WG2533609
Nickel,Dissolved	ND		2.00	1	06/08/2025 17:11	WG2533611
Potassium	ND		2000	1	06/08/2025 19:39	WG2533609
Selenium	ND		2.00	1	06/08/2025 19:39	WG2533609



Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Selenium,Dissolved	ND		2.00	1	06/08/2025 17:11	WG2533611
Silver	ND		2.00	1	06/08/2025 19:39	WG2533609
Silver,Dissolved	ND		2.00	1	06/08/2025 17:11	WG2533611
Sodium	13800		2000	1	06/08/2025 19:39	WG2533609
Thallium	ND		2.00	1	06/08/2025 19:39	WG2533609
Vanadium	ND		5.00	1	06/08/2025 19:39	WG2533609
Zinc	ND		25.0	1	06/08/2025 19:39	WG2533609
Zinc,Dissolved	ND		25.0	1	06/08/2025 17:11	WG2533611

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		100	1	06/08/2025 13:08	WG2533629
(S) a,a,a-Trifluorotoluene(FID)	96.4		78.0-120		06/08/2025 13:08	WG2533629

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	C3	50.0	1	06/08/2025 16:10	WG2533613
Acrolein	ND	C3	50.0	1	06/08/2025 16:10	WG2533613
Acrylonitrile	ND		10.0	1	06/08/2025 16:10	WG2533613
Benzene	ND		1.00	1	06/08/2025 16:10	WG2533613
Bromobenzene	ND		1.00	1	06/08/2025 16:10	WG2533613
Bromodichloromethane	ND		1.00	1	06/08/2025 16:10	WG2533613
Bromoform	ND		1.00	1	06/08/2025 16:10	WG2533613
Bromomethane	ND		5.00	1	06/08/2025 16:10	WG2533613
n-Butylbenzene	ND		1.00	1	06/08/2025 16:10	WG2533613
sec-Butylbenzene	ND		1.00	1	06/08/2025 16:10	WG2533613
tert-Butylbenzene	ND		1.00	1	06/08/2025 16:10	WG2533613
Carbon tetrachloride	ND		1.00	1	06/08/2025 16:10	WG2533613
Chlorobenzene	ND		1.00	1	06/08/2025 16:10	WG2533613
Chlorodibromomethane	ND		1.00	1	06/08/2025 16:10	WG2533613
Chloroethane	ND		5.00	1	06/08/2025 16:10	WG2533613
Chloroform	ND		5.00	1	06/08/2025 16:10	WG2533613
Chloromethane	ND		2.50	1	06/08/2025 16:10	WG2533613
2-Chlorotoluene	ND		1.00	1	06/08/2025 16:10	WG2533613
4-Chlorotoluene	ND		1.00	1	06/08/2025 16:10	WG2533613
1,2-Dibromo-3-Chloropropane	ND		5.00	1	06/08/2025 16:10	WG2533613
1,2-Dibromoethane	ND		1.00	1	06/08/2025 16:10	WG2533613
Dibromomethane	ND		1.00	1	06/08/2025 16:10	WG2533613
1,2-Dichlorobenzene	ND		1.00	1	06/08/2025 16:10	WG2533613
1,3-Dichlorobenzene	ND		1.00	1	06/08/2025 16:10	WG2533613
1,4-Dichlorobenzene	ND		1.00	1	06/08/2025 16:10	WG2533613
Dichlorodifluoromethane	ND		5.00	1	06/08/2025 16:10	WG2533613
1,1-Dichloroethane	ND		1.00	1	06/08/2025 16:10	WG2533613
1,2-Dichloroethane	ND		1.00	1	06/08/2025 16:10	WG2533613
1,1-Dichloroethene	ND		1.00	1	06/08/2025 16:10	WG2533613
cis-1,2-Dichloroethene	ND		1.00	1	06/08/2025 16:10	WG2533613
trans-1,2-Dichloroethene	ND		1.00	1	06/08/2025 16:10	WG2533613
1,2-Dichloropropane	ND		1.00	1	06/08/2025 16:10	WG2533613
1,1-Dichloropropene	ND		1.00	1	06/08/2025 16:10	WG2533613
1,3-Dichloropropane	ND		1.00	1	06/08/2025 16:10	WG2533613
cis-1,3-Dichloropropene	ND		1.00	1	06/08/2025 16:10	WG2533613
trans-1,3-Dichloropropene	ND		1.00	1	06/08/2025 16:10	WG2533613
2,2-Dichloropropane	ND		1.00	1	06/08/2025 16:10	WG2533613

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

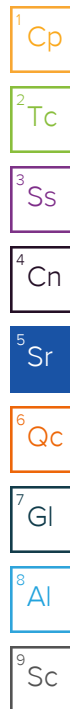
7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Di-isopropyl ether	ND		1.00	1	06/08/2025 16:10	WG2533613
Ethylbenzene	ND		1.00	1	06/08/2025 16:10	WG2533613
Hexachloro-1,3-butadiene	ND		1.00	1	06/08/2025 16:10	WG2533613
Isopropylbenzene	ND		1.00	1	06/08/2025 16:10	WG2533613
p-Isopropyltoluene	ND		1.00	1	06/08/2025 16:10	WG2533613
2-Butanone (MEK)	ND		10.0	1	06/08/2025 16:10	WG2533613
Methylene Chloride	ND		5.00	1	06/08/2025 16:10	WG2533613
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	06/08/2025 16:10	WG2533613
Methyl tert-butyl ether	ND		1.00	1	06/08/2025 16:10	WG2533613
Naphthalene	ND		5.00	1	06/08/2025 16:10	WG2533613
n-Propylbenzene	ND		1.00	1	06/08/2025 16:10	WG2533613
Styrene	ND		1.00	1	06/08/2025 16:10	WG2533613
1,1,1,2-Tetrachloroethane	ND		1.00	1	06/08/2025 16:10	WG2533613
1,1,2,2-Tetrachloroethane	ND		1.00	1	06/08/2025 16:10	WG2533613
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	06/08/2025 16:10	WG2533613
Tetrachloroethene	ND		1.00	1	06/08/2025 16:10	WG2533613
Toluene	ND		1.00	1	06/08/2025 16:10	WG2533613
1,2,3-Trichlorobenzene	ND		1.00	1	06/08/2025 16:10	WG2533613
1,2,4-Trichlorobenzene	ND		1.00	1	06/08/2025 16:10	WG2533613
1,1,1-Trichloroethane	ND		1.00	1	06/08/2025 16:10	WG2533613
1,1,2-Trichloroethane	ND		1.00	1	06/08/2025 16:10	WG2533613
Trichloroethene	ND		1.00	1	06/08/2025 16:10	WG2533613
Trichlorofluoromethane	ND		5.00	1	06/08/2025 16:10	WG2533613
1,2,3-Trichloropropane	ND		2.50	1	06/08/2025 16:10	WG2533613
1,2,4-Trimethylbenzene	ND		1.00	1	06/08/2025 16:10	WG2533613
1,2,3-Trimethylbenzene	ND		1.00	1	06/08/2025 16:10	WG2533613
1,3,5-Trimethylbenzene	ND		1.00	1	06/08/2025 16:10	WG2533613
Vinyl chloride	ND		1.00	1	06/08/2025 16:10	WG2533613
Xylenes, Total	ND		3.00	1	06/08/2025 16:10	WG2533613
(S) Toluene-d8	104		80.0-120		06/08/2025 16:10	WG2533613
(S) 4-Bromofluorobenzene	91.8		77.0-126		06/08/2025 16:10	WG2533613
(S) 1,2-Dichloroethane-d4	110		70.0-130		06/08/2025 16:10	WG2533613



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	110		100	1	06/09/2025 14:24	WG2533612
C28-C36 Motor Oil Range	ND		100	1	06/09/2025 14:24	WG2533612
(S) o-Terphenyl	87.9		52.0-156		06/09/2025 14:24	WG2533612

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	06/08/2025 21:49	WG2533578
Acenaphthylene	ND		1.00	1	06/08/2025 21:49	WG2533578
Anthracene	ND		1.00	1	06/08/2025 21:49	WG2533578
Benzidine	ND	C7	20.0	1	06/08/2025 21:49	WG2533578
Benzo(a)anthracene	ND		1.00	1	06/08/2025 21:49	WG2533578
Benzo(b)fluoranthene	ND		1.00	1	06/08/2025 21:49	WG2533578
Benzo(k)fluoranthene	ND		1.00	1	06/08/2025 21:49	WG2533578
Benzo(g,h,i)perylene	ND		1.00	1	06/08/2025 21:49	WG2533578
Benzo(a)pyrene	ND		1.00	1	06/08/2025 21:49	WG2533578
Bis(2-chlorethoxy)methane	ND		10.0	1	06/08/2025 21:49	WG2533578
Bis(2-chloroethyl)ether	ND		10.0	1	06/08/2025 21:49	WG2533578
2,2-Oxybis(1-Chloropropane)	ND		10.0	1	06/08/2025 21:49	WG2533578

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	06/08/2025 21:49	WG2533578
2-Chloronaphthalene	ND		1.00	1	06/08/2025 21:49	WG2533578
4-Chlorophenyl-phenylether	ND		10.0	1	06/08/2025 21:49	WG2533578
Chrysene	ND		1.00	1	06/08/2025 21:49	WG2533578
Dibenz(a,h)anthracene	ND		1.00	1	06/08/2025 21:49	WG2533578
1,2-Dichlorobenzene	ND		10.0	1	06/08/2025 21:49	WG2533578
1,3-Dichlorobenzene	ND		10.0	1	06/08/2025 21:49	WG2533578
1,4-Dichlorobenzene	ND		10.0	1	06/08/2025 21:49	WG2533578
3,3-Dichlorobenzidine	ND		10.0	1	06/08/2025 21:49	WG2533578
2,4-Dinitrotoluene	ND		10.0	1	06/08/2025 21:49	WG2533578
2,6-Dinitrotoluene	ND		10.0	1	06/08/2025 21:49	WG2533578
Fluoranthene	ND		1.00	1	06/08/2025 21:49	WG2533578
Fluorene	ND		1.00	1	06/08/2025 21:49	WG2533578
Hexachlorobenzene	ND		1.00	1	06/08/2025 21:49	WG2533578
Hexachloro-1,3-butadiene	ND		10.0	1	06/08/2025 21:49	WG2533578
Hexachlorocyclopentadiene	ND	C7	10.0	1	06/08/2025 21:49	WG2533578
Hexachloroethane	ND		10.0	1	06/08/2025 21:49	WG2533578
Indeno(1,2,3-cd)pyrene	ND		1.00	1	06/08/2025 21:49	WG2533578
Isophorone	ND		10.0	1	06/08/2025 21:49	WG2533578
1-Methylnaphthalene	ND		1.00	1	06/08/2025 21:49	WG2533578
2-Methylnaphthalene	ND		1.00	1	06/08/2025 21:49	WG2533578
Naphthalene	ND		1.00	1	06/08/2025 21:49	WG2533578
Nitrobenzene	ND		10.0	1	06/08/2025 21:49	WG2533578
n-Nitrosodimethylamine	ND		10.0	1	06/08/2025 21:49	WG2533578
n-Nitrosodiphenylamine	ND		10.0	1	06/08/2025 21:49	WG2533578
n-Nitrosodi-n-propylamine	ND		10.0	1	06/08/2025 21:49	WG2533578
Phenanthrene	ND		1.00	1	06/08/2025 21:49	WG2533578
Benzylbutyl phthalate	ND		3.00	1	06/08/2025 21:49	WG2533578
Bis(2-ethylhexyl)phthalate	4.40		3.00	1	06/09/2025 11:10	WG2533578
Di-n-butyl phthalate	ND		3.00	1	06/08/2025 21:49	WG2533578
Diethyl phthalate	ND		3.00	1	06/08/2025 21:49	WG2533578
Dimethyl phthalate	ND		3.00	1	06/08/2025 21:49	WG2533578
Di-n-octyl phthalate	ND		3.00	1	06/08/2025 21:49	WG2533578
Pyrene	ND		1.00	1	06/08/2025 21:49	WG2533578
1,2,4-Trichlorobenzene	ND		10.0	1	06/08/2025 21:49	WG2533578
4-Chloro-3-methylphenol	ND		10.0	1	06/08/2025 21:49	WG2533578
2-Chlorophenol	ND		10.0	1	06/08/2025 21:49	WG2533578
2,4-Dichlorophenol	ND		10.0	1	06/08/2025 21:49	WG2533578
2,4-Dimethylphenol	ND		10.0	1	06/08/2025 21:49	WG2533578
4,6-Dinitro-2-methylphenol	ND		10.0	1	06/08/2025 21:49	WG2533578
2,4-Dinitrophenol	ND		10.0	1	06/08/2025 21:49	WG2533578
2-Nitrophenol	ND		10.0	1	06/08/2025 21:49	WG2533578
4-Nitrophenol	ND		10.0	1	06/08/2025 21:49	WG2533578
Pentachlorophenol	ND		10.0	1	06/08/2025 21:49	WG2533578
Phenol	ND		10.0	1	06/08/2025 21:49	WG2533578
2,4,6-Trichlorophenol	ND		10.0	1	06/08/2025 21:49	WG2533578
(S) 2-Fluorophenol	37.0		10.0-120		06/09/2025 11:10	WG2533578
(S) 2-Fluorophenol	31.1		10.0-120		06/08/2025 21:49	WG2533578
(S) Phenol-d5	26.3		10.0-120		06/09/2025 11:10	WG2533578
(S) Phenol-d5	21.5		10.0-120		06/08/2025 21:49	WG2533578
(S) Nitrobenzene-d5	74.9		10.0-127		06/09/2025 11:10	WG2533578
(S) Nitrobenzene-d5	62.7		10.0-127		06/08/2025 21:49	WG2533578
(S) 2-Fluorobiphenyl	63.6		10.0-130		06/09/2025 11:10	WG2533578
(S) 2-Fluorobiphenyl	69.8		10.0-130		06/08/2025 21:49	WG2533578
(S) 2,4,6-Tribromophenol	66.3		10.0-155		06/08/2025 21:49	WG2533578
(S) 2,4,6-Tribromophenol	71.1		10.0-155		06/09/2025 11:10	WG2533578

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
(S) p-Terphenyl-d14	54.6		10.0-128		06/09/2025 11:10	WG2533578
(S) p-Terphenyl-d14	59.5		10.0-128		06/08/2025 21:49	WG2533578

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

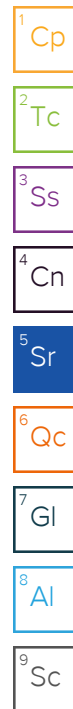
⁷Gl

⁸Al

⁹Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	C3	50.0	1	06/08/2025 13:11	WG2533613
Acrolein	ND	C3	50.0	1	06/08/2025 13:11	WG2533613
Acrylonitrile	ND		10.0	1	06/08/2025 13:11	WG2533613
Benzene	ND		1.00	1	06/08/2025 13:11	WG2533613
Bromobenzene	ND		1.00	1	06/08/2025 13:11	WG2533613
Bromodichloromethane	ND		1.00	1	06/08/2025 13:11	WG2533613
Bromoform	ND		1.00	1	06/08/2025 13:11	WG2533613
Bromomethane	ND		5.00	1	06/08/2025 13:11	WG2533613
n-Butylbenzene	ND		1.00	1	06/08/2025 13:11	WG2533613
sec-Butylbenzene	ND		1.00	1	06/08/2025 13:11	WG2533613
tert-Butylbenzene	ND		1.00	1	06/08/2025 13:11	WG2533613
Carbon tetrachloride	ND		1.00	1	06/08/2025 13:11	WG2533613
Chlorobenzene	ND		1.00	1	06/08/2025 13:11	WG2533613
Chlorodibromomethane	ND		1.00	1	06/08/2025 13:11	WG2533613
Chloroethane	ND		5.00	1	06/08/2025 13:11	WG2533613
Chloroform	ND		5.00	1	06/08/2025 13:11	WG2533613
Chloromethane	ND		2.50	1	06/08/2025 13:11	WG2533613
2-Chlorotoluene	ND		1.00	1	06/08/2025 13:11	WG2533613
4-Chlorotoluene	ND		1.00	1	06/08/2025 13:11	WG2533613
1,2-Dibromo-3-Chloropropane	ND		5.00	1	06/08/2025 13:11	WG2533613
1,2-Dibromoethane	ND		1.00	1	06/08/2025 13:11	WG2533613
Dibromomethane	ND		1.00	1	06/08/2025 13:11	WG2533613
1,2-Dichlorobenzene	ND		1.00	1	06/08/2025 13:11	WG2533613
1,3-Dichlorobenzene	ND		1.00	1	06/08/2025 13:11	WG2533613
1,4-Dichlorobenzene	ND		1.00	1	06/08/2025 13:11	WG2533613
Dichlorodifluoromethane	ND		5.00	1	06/08/2025 13:11	WG2533613
1,1-Dichloroethane	ND		1.00	1	06/08/2025 13:11	WG2533613
1,2-Dichloroethane	ND		1.00	1	06/08/2025 13:11	WG2533613
1,1-Dichloroethene	ND		1.00	1	06/08/2025 13:11	WG2533613
cis-1,2-Dichloroethene	ND		1.00	1	06/08/2025 13:11	WG2533613
trans-1,2-Dichloroethene	ND		1.00	1	06/08/2025 13:11	WG2533613
1,2-Dichloropropane	ND		1.00	1	06/08/2025 13:11	WG2533613
1,1-Dichloropropene	ND		1.00	1	06/08/2025 13:11	WG2533613
1,3-Dichloropropane	ND		1.00	1	06/08/2025 13:11	WG2533613
cis-1,3-Dichloropropene	ND		1.00	1	06/08/2025 13:11	WG2533613
trans-1,3-Dichloropropene	ND		1.00	1	06/08/2025 13:11	WG2533613
2,2-Dichloropropane	ND		1.00	1	06/08/2025 13:11	WG2533613
Di-isopropyl ether	ND		1.00	1	06/08/2025 13:11	WG2533613
Ethylbenzene	ND		1.00	1	06/08/2025 13:11	WG2533613
Hexachloro-1,3-butadiene	ND		1.00	1	06/08/2025 13:11	WG2533613
Isopropylbenzene	ND		1.00	1	06/08/2025 13:11	WG2533613
p-Isopropyltoluene	ND		1.00	1	06/08/2025 13:11	WG2533613
2-Butanone (MEK)	ND		10.0	1	06/08/2025 13:11	WG2533613
Methylene Chloride	ND		5.00	1	06/08/2025 13:11	WG2533613
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	06/08/2025 13:11	WG2533613
Methyl tert-butyl ether	ND		1.00	1	06/08/2025 13:11	WG2533613
Naphthalene	ND		5.00	1	06/08/2025 13:11	WG2533613
n-Propylbenzene	ND		1.00	1	06/08/2025 13:11	WG2533613
Styrene	ND		1.00	1	06/08/2025 13:11	WG2533613
1,1,1,2-Tetrachloroethane	ND		1.00	1	06/08/2025 13:11	WG2533613
1,1,2,2-Tetrachloroethane	ND		1.00	1	06/08/2025 13:11	WG2533613
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	06/08/2025 13:11	WG2533613
Tetrachloroethene	ND		1.00	1	06/08/2025 13:11	WG2533613
Toluene	ND		1.00	1	06/08/2025 13:11	WG2533613
1,2,3-Trichlorobenzene	ND		1.00	1	06/08/2025 13:11	WG2533613
1,2,4-Trichlorobenzene	ND		1.00	1	06/08/2025 13:11	WG2533613



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	06/08/2025 13:11	WG2533613
1,1,2-Trichloroethane	ND		1.00	1	06/08/2025 13:11	WG2533613
Trichloroethene	ND		1.00	1	06/08/2025 13:11	WG2533613
Trichlorofluoromethane	ND		5.00	1	06/08/2025 13:11	WG2533613
1,2,3-Trichloropropane	ND		2.50	1	06/08/2025 13:11	WG2533613
1,2,4-Trimethylbenzene	ND		1.00	1	06/08/2025 13:11	WG2533613
1,2,3-Trimethylbenzene	ND		1.00	1	06/08/2025 13:11	WG2533613
1,3,5-Trimethylbenzene	ND		1.00	1	06/08/2025 13:11	WG2533613
Vinyl chloride	ND		1.00	1	06/08/2025 13:11	WG2533613
Xylenes, Total	ND		3.00	1	06/08/2025 13:11	WG2533613
(S) Toluene-d8	93.6		80.0-120		06/08/2025 13:11	WG2533613
(S) 4-Bromofluorobenzene	93.8		77.0-126		06/08/2025 13:11	WG2533613
(S) 1,2-Dichloroethane-d4	111		70.0-130		06/08/2025 13:11	WG2533613

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Calculated Results

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Total Nitrogen	760		100	1	06/13/2025 10:52	WG2536650

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Dissolved Solids	193000		10000	1	06/08/2025 14:06	WG2533534

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Suspended Solids	92400		11900	1	06/08/2025 15:24	WG2533563

Wet Chemistry by Method 130.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Hardness (colorimetric) as CaCO3	123000		30000	1	06/09/2025 22:56	WG2533627

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Alkalinity	64000		20000	1	06/08/2025 13:35	WG2533622
Alkalinity,Bicarbonate	64000		20000	1	06/08/2025 13:35	WG2533622
Alkalinity,Carbonate	ND		20000	1	06/08/2025 13:35	WG2533622

Sample Narrative:

L1867555-03 WG2533622: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Bromide	ND		1000	1	06/09/2025 11:43	WG2533567
Chloride	8420	J6	1000	1	06/09/2025 11:43	WG2533567
Fluoride	247		150	1	06/09/2025 11:43	WG2533567
Nitrate as (N)	326		100	1	06/08/2025 15:47	WG2533567
Nitrite as (N)	ND	Q	100	1	06/09/2025 11:43	WG2533567
Sulfate	64200	J6	5000	1	06/09/2025 11:43	WG2533567

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		100	1	06/08/2025 19:37	WG2533726

Wet Chemistry by Method 351.2

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	434		250	1	06/13/2025 10:52	WG2536650

Wet Chemistry by Method 365.4

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Phosphorus,Total	191		100	1	06/11/2025 15:33	WG2536181

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Wet Chemistry by Method 5310 B-2014

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	4620		1000	1	06/08/2025 13:32	WG2533581

Wet Chemistry by Method 5540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
MBAS	ND		100	1	06/08/2025 17:22	WG2533675

Wet Chemistry by Method 7199

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.500	1	06/09/2025 16:06	WG2533804

Wet Chemistry by Method 9040C

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
pH	8.03	T8	1	06/08/2025 13:01	WG2533638

Sample Narrative:

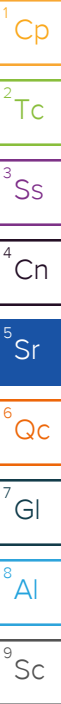
L1867555-03 WG2533638: 8.03 at 23C

Mercury by Method 7470A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Mercury	ND		0.200	1	06/08/2025 15:12	WG2533594

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Aluminum	1220		100	1	06/08/2025 19:42	WG2533609
Aluminum,Dissolved	ND		100	1	06/08/2025 17:14	WG2533611
Antimony	ND		4.00	1	06/08/2025 19:42	WG2533609
Arsenic	ND		2.00	1	06/08/2025 19:42	WG2533609
Arsenic,Dissolved	ND		2.00	1	06/08/2025 17:14	WG2533611
Barium	34.6		2.00	1	06/08/2025 19:42	WG2533609
Beryllium	ND		2.00	1	06/08/2025 19:42	WG2533609
Boron	45.6		30.0	1	06/08/2025 19:42	WG2533609
Cadmium	ND		1.00	1	06/08/2025 19:42	WG2533609
Cadmium,Dissolved	ND		1.00	1	06/08/2025 17:14	WG2533611
Calcium	32600		1000	1	06/08/2025 19:42	WG2533609
Chromium	ND		2.00	1	06/08/2025 19:42	WG2533609
Chromium,Dissolved	ND		2.00	1	06/08/2025 17:14	WG2533611
Copper	ND		5.00	1	06/08/2025 19:42	WG2533609
Copper,Dissolved	ND		5.00	1	06/08/2025 17:14	WG2533611
Cobalt	ND		2.00	1	06/08/2025 19:42	WG2533609
Iron	988		100	1	06/08/2025 19:42	WG2533609
Lead	ND		2.00	1	06/08/2025 19:42	WG2533609
Lead,Dissolved	ND		2.00	1	06/08/2025 17:14	WG2533611
Magnesium	10900		1000	1	06/08/2025 19:42	WG2533609
Manganese	53.7		5.00	1	06/08/2025 19:42	WG2533609
Manganese,Dissolved	ND		5.00	1	06/08/2025 17:14	WG2533611
Nickel	ND		2.00	1	06/08/2025 19:42	WG2533609
Nickel,Dissolved	ND		2.00	1	06/08/2025 17:14	WG2533611
Potassium	ND		2000	1	06/08/2025 19:42	WG2533609
Selenium	ND		2.00	1	06/08/2025 19:42	WG2533609



Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Selenium,Dissolved	ND		2.00	1	06/08/2025 17:14	WG2533611
Silver	ND		2.00	1	06/08/2025 19:42	WG2533609
Silver,Dissolved	ND		2.00	1	06/08/2025 17:14	WG2533611
Sodium	13700		2000	1	06/08/2025 19:42	WG2533609
Thallium	ND		2.00	1	06/08/2025 19:42	WG2533609
Vanadium	ND		5.00	1	06/08/2025 19:42	WG2533609
Zinc	ND		25.0	1	06/08/2025 19:42	WG2533609
Zinc,Dissolved	ND		25.0	1	06/08/2025 17:14	WG2533611

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		100	1	06/08/2025 13:30	WG2533629
(S) a,a,a-Trifluorotoluene(FID)	95.4		78.0-120		06/08/2025 13:30	WG2533629

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	C3	50.0	1	06/08/2025 16:29	WG2533613
Acrolein	ND	C3	50.0	1	06/08/2025 16:29	WG2533613
Acrylonitrile	ND		10.0	1	06/08/2025 16:29	WG2533613
Benzene	ND		1.00	1	06/08/2025 16:29	WG2533613
Bromobenzene	ND		1.00	1	06/08/2025 16:29	WG2533613
Bromodichloromethane	ND		1.00	1	06/08/2025 16:29	WG2533613
Bromoform	ND		1.00	1	06/08/2025 16:29	WG2533613
Bromomethane	ND		5.00	1	06/08/2025 16:29	WG2533613
n-Butylbenzene	ND		1.00	1	06/08/2025 16:29	WG2533613
sec-Butylbenzene	ND		1.00	1	06/08/2025 16:29	WG2533613
tert-Butylbenzene	ND		1.00	1	06/08/2025 16:29	WG2533613
Carbon tetrachloride	ND		1.00	1	06/08/2025 16:29	WG2533613
Chlorobenzene	ND		1.00	1	06/08/2025 16:29	WG2533613
Chlorodibromomethane	ND		1.00	1	06/08/2025 16:29	WG2533613
Chloroethane	ND		5.00	1	06/08/2025 16:29	WG2533613
Chloroform	ND		5.00	1	06/08/2025 16:29	WG2533613
Chloromethane	ND		2.50	1	06/08/2025 16:29	WG2533613
2-Chlorotoluene	ND		1.00	1	06/08/2025 16:29	WG2533613
4-Chlorotoluene	ND		1.00	1	06/08/2025 16:29	WG2533613
1,2-Dibromo-3-Chloropropane	ND		5.00	1	06/08/2025 16:29	WG2533613
1,2-Dibromoethane	ND		1.00	1	06/08/2025 16:29	WG2533613
Dibromomethane	ND		1.00	1	06/08/2025 16:29	WG2533613
1,2-Dichlorobenzene	ND		1.00	1	06/08/2025 16:29	WG2533613
1,3-Dichlorobenzene	ND		1.00	1	06/08/2025 16:29	WG2533613
1,4-Dichlorobenzene	ND		1.00	1	06/08/2025 16:29	WG2533613
Dichlorodifluoromethane	ND		5.00	1	06/08/2025 16:29	WG2533613
1,1-Dichloroethane	ND		1.00	1	06/08/2025 16:29	WG2533613
1,2-Dichloroethane	ND		1.00	1	06/08/2025 16:29	WG2533613
1,1-Dichloroethene	ND		1.00	1	06/08/2025 16:29	WG2533613
cis-1,2-Dichloroethene	ND		1.00	1	06/08/2025 16:29	WG2533613
trans-1,2-Dichloroethene	ND		1.00	1	06/08/2025 16:29	WG2533613
1,2-Dichloropropane	ND		1.00	1	06/08/2025 16:29	WG2533613
1,1-Dichloropropene	ND		1.00	1	06/08/2025 16:29	WG2533613
1,3-Dichloropropane	ND		1.00	1	06/08/2025 16:29	WG2533613
cis-1,3-Dichloropropene	ND		1.00	1	06/08/2025 16:29	WG2533613
trans-1,3-Dichloropropene	ND		1.00	1	06/08/2025 16:29	WG2533613
2,2-Dichloropropane	ND		1.00	1	06/08/2025 16:29	WG2533613

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

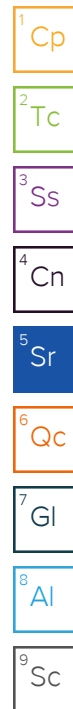
7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Di-isopropyl ether	ND		1.00	1	06/08/2025 16:29	WG2533613
Ethylbenzene	ND		1.00	1	06/08/2025 16:29	WG2533613
Hexachloro-1,3-butadiene	ND		1.00	1	06/08/2025 16:29	WG2533613
Isopropylbenzene	ND		1.00	1	06/08/2025 16:29	WG2533613
p-Isopropyltoluene	ND		1.00	1	06/08/2025 16:29	WG2533613
2-Butanone (MEK)	ND		10.0	1	06/08/2025 16:29	WG2533613
Methylene Chloride	ND		5.00	1	06/08/2025 16:29	WG2533613
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	06/08/2025 16:29	WG2533613
Methyl tert-butyl ether	ND		1.00	1	06/08/2025 16:29	WG2533613
Naphthalene	ND		5.00	1	06/08/2025 16:29	WG2533613
n-Propylbenzene	ND		1.00	1	06/08/2025 16:29	WG2533613
Styrene	ND		1.00	1	06/08/2025 16:29	WG2533613
1,1,1,2-Tetrachloroethane	ND		1.00	1	06/08/2025 16:29	WG2533613
1,1,2,2-Tetrachloroethane	ND		1.00	1	06/08/2025 16:29	WG2533613
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	06/08/2025 16:29	WG2533613
Tetrachloroethene	ND		1.00	1	06/08/2025 16:29	WG2533613
Toluene	ND		1.00	1	06/08/2025 16:29	WG2533613
1,2,3-Trichlorobenzene	ND		1.00	1	06/08/2025 16:29	WG2533613
1,2,4-Trichlorobenzene	ND		1.00	1	06/08/2025 16:29	WG2533613
1,1,1-Trichloroethane	ND		1.00	1	06/08/2025 16:29	WG2533613
1,1,2-Trichloroethane	ND		1.00	1	06/08/2025 16:29	WG2533613
Trichloroethene	ND		1.00	1	06/08/2025 16:29	WG2533613
Trichlorofluoromethane	ND		5.00	1	06/08/2025 16:29	WG2533613
1,2,3-Trichloropropane	ND		2.50	1	06/08/2025 16:29	WG2533613
1,2,4-Trimethylbenzene	ND		1.00	1	06/08/2025 16:29	WG2533613
1,2,3-Trimethylbenzene	ND		1.00	1	06/08/2025 16:29	WG2533613
1,3,5-Trimethylbenzene	ND		1.00	1	06/08/2025 16:29	WG2533613
Vinyl chloride	ND		1.00	1	06/08/2025 16:29	WG2533613
Xylenes, Total	ND		3.00	1	06/08/2025 16:29	WG2533613
(S) Toluene-d8	88.6		80.0-120		06/08/2025 16:29	WG2533613
(S) 4-Bromofluorobenzene	77.4		77.0-126		06/08/2025 16:29	WG2533613
(S) 1,2-Dichloroethane-d4	118		70.0-130		06/08/2025 16:29	WG2533613



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	06/09/2025 14:46	WG2533612
C28-C36 Motor Oil Range	ND		100	1	06/09/2025 14:46	WG2533612
(S) o-Terphenyl	108		52.0-156		06/09/2025 14:46	WG2533612

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	06/08/2025 22:10	WG2533578
Acenaphthylene	ND		1.00	1	06/08/2025 22:10	WG2533578
Anthracene	ND		1.00	1	06/08/2025 22:10	WG2533578
Benzidine	ND	C7	20.0	1	06/08/2025 22:10	WG2533578
Benzo(a)anthracene	ND		1.00	1	06/08/2025 22:10	WG2533578
Benzo(b)fluoranthene	ND		1.00	1	06/08/2025 22:10	WG2533578
Benzo(k)fluoranthene	ND		1.00	1	06/08/2025 22:10	WG2533578
Benzo(g,h,i)perylene	ND		1.00	1	06/08/2025 22:10	WG2533578
Benzo(a)pyrene	ND		1.00	1	06/08/2025 22:10	WG2533578
Bis(2-chloroethoxy)methane	ND		10.0	1	06/08/2025 22:10	WG2533578
Bis(2-chloroethyl)ether	ND		10.0	1	06/08/2025 22:10	WG2533578
2,2-Oxybis(1-Chloropropane)	ND		10.0	1	06/08/2025 22:10	WG2533578

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	06/08/2025 22:10	WG2533578
2-Chloronaphthalene	ND		1.00	1	06/08/2025 22:10	WG2533578
4-Chlorophenyl-phenylether	ND		10.0	1	06/08/2025 22:10	WG2533578
Chrysene	ND		1.00	1	06/08/2025 22:10	WG2533578
Dibenz(a,h)anthracene	ND		1.00	1	06/08/2025 22:10	WG2533578
1,2-Dichlorobenzene	ND		10.0	1	06/08/2025 22:10	WG2533578
1,3-Dichlorobenzene	ND		10.0	1	06/08/2025 22:10	WG2533578
1,4-Dichlorobenzene	ND		10.0	1	06/08/2025 22:10	WG2533578
3,3-Dichlorobenzidine	ND		10.0	1	06/08/2025 22:10	WG2533578
2,4-Dinitrotoluene	ND		10.0	1	06/08/2025 22:10	WG2533578
2,6-Dinitrotoluene	ND		10.0	1	06/08/2025 22:10	WG2533578
Fluoranthene	ND		1.00	1	06/08/2025 22:10	WG2533578
Fluorene	ND		1.00	1	06/08/2025 22:10	WG2533578
Hexachlorobenzene	ND		1.00	1	06/08/2025 22:10	WG2533578
Hexachloro-1,3-butadiene	ND		10.0	1	06/08/2025 22:10	WG2533578
Hexachlorocyclopentadiene	ND	C7	10.0	1	06/08/2025 22:10	WG2533578
Hexachloroethane	ND		10.0	1	06/08/2025 22:10	WG2533578
Indeno(1,2,3-cd)pyrene	ND		1.00	1	06/08/2025 22:10	WG2533578
Isophorone	ND		10.0	1	06/08/2025 22:10	WG2533578
1-Methylnaphthalene	ND		1.00	1	06/08/2025 22:10	WG2533578
2-Methylnaphthalene	ND		1.00	1	06/08/2025 22:10	WG2533578
Naphthalene	ND		1.00	1	06/08/2025 22:10	WG2533578
Nitrobenzene	ND		10.0	1	06/08/2025 22:10	WG2533578
n-Nitrosodimethylamine	ND		10.0	1	06/08/2025 22:10	WG2533578
n-Nitrosodiphenylamine	ND		10.0	1	06/08/2025 22:10	WG2533578
n-Nitrosodi-n-propylamine	ND		10.0	1	06/08/2025 22:10	WG2533578
Phenanthrene	ND		1.00	1	06/08/2025 22:10	WG2533578
Benzylbutyl phthalate	ND		3.00	1	06/08/2025 22:10	WG2533578
Bis(2-ethylhexyl)phthalate	ND		3.00	1	06/08/2025 22:10	WG2533578
Di-n-butyl phthalate	ND		3.00	1	06/08/2025 22:10	WG2533578
Diethyl phthalate	ND		3.00	1	06/08/2025 22:10	WG2533578
Dimethyl phthalate	ND		3.00	1	06/08/2025 22:10	WG2533578
Di-n-octyl phthalate	ND		3.00	1	06/08/2025 22:10	WG2533578
Pyrene	ND		1.00	1	06/08/2025 22:10	WG2533578
1,2,4-Trichlorobenzene	ND		10.0	1	06/08/2025 22:10	WG2533578
4-Chloro-3-methylphenol	ND		10.0	1	06/08/2025 22:10	WG2533578
2-Chlorophenol	ND		10.0	1	06/08/2025 22:10	WG2533578
2,4-Dichlorophenol	ND		10.0	1	06/08/2025 22:10	WG2533578
2,4-Dimethylphenol	ND		10.0	1	06/08/2025 22:10	WG2533578
4,6-Dinitro-2-methylphenol	ND		10.0	1	06/08/2025 22:10	WG2533578
2,4-Dinitrophenol	ND		10.0	1	06/08/2025 22:10	WG2533578
2-Nitrophenol	ND		10.0	1	06/08/2025 22:10	WG2533578
4-Nitrophenol	ND		10.0	1	06/08/2025 22:10	WG2533578
Pentachlorophenol	ND		10.0	1	06/08/2025 22:10	WG2533578
Phenol	ND		10.0	1	06/08/2025 22:10	WG2533578
2,4,6-Trichlorophenol	ND		10.0	1	06/08/2025 22:10	WG2533578
(S) 2-Fluorophenol	36.5		10.0-120		06/08/2025 22:10	WG2533578
(S) Phenol-d5	22.2		10.0-120		06/08/2025 22:10	WG2533578
(S) Nitrobenzene-d5	62.0		10.0-127		06/08/2025 22:10	WG2533578
(S) 2-Fluorobiphenyl	65.2		10.0-130		06/08/2025 22:10	WG2533578
(S) 2,4,6-Tribromophenol	68.4		10.0-155		06/08/2025 22:10	WG2533578
(S) p-Terphenyl-d14	67.0		10.0-128		06/08/2025 22:10	WG2533578

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	C3	50.0	1	06/08/2025 13:31	WG2533613
Acrolein	ND	C3	50.0	1	06/08/2025 13:31	WG2533613
Acrylonitrile	ND		10.0	1	06/08/2025 13:31	WG2533613
Benzene	ND		1.00	1	06/08/2025 13:31	WG2533613
Bromobenzene	ND		1.00	1	06/08/2025 13:31	WG2533613
Bromodichloromethane	ND		1.00	1	06/08/2025 13:31	WG2533613
Bromoform	ND		1.00	1	06/08/2025 13:31	WG2533613
Bromomethane	ND		5.00	1	06/08/2025 13:31	WG2533613
n-Butylbenzene	ND		1.00	1	06/08/2025 13:31	WG2533613
sec-Butylbenzene	ND		1.00	1	06/08/2025 13:31	WG2533613
tert-Butylbenzene	ND		1.00	1	06/08/2025 13:31	WG2533613
Carbon tetrachloride	ND		1.00	1	06/08/2025 13:31	WG2533613
Chlorobenzene	ND		1.00	1	06/08/2025 13:31	WG2533613
Chlorodibromomethane	ND		1.00	1	06/08/2025 13:31	WG2533613
Chloroethane	ND		5.00	1	06/08/2025 13:31	WG2533613
Chloroform	ND		5.00	1	06/08/2025 13:31	WG2533613
Chloromethane	ND		2.50	1	06/08/2025 13:31	WG2533613
2-Chlorotoluene	ND		1.00	1	06/08/2025 13:31	WG2533613
4-Chlorotoluene	ND		1.00	1	06/08/2025 13:31	WG2533613
1,2-Dibromo-3-Chloropropane	ND		5.00	1	06/08/2025 13:31	WG2533613
1,2-Dibromoethane	ND		1.00	1	06/08/2025 13:31	WG2533613
Dibromomethane	ND		1.00	1	06/08/2025 13:31	WG2533613
1,2-Dichlorobenzene	ND		1.00	1	06/08/2025 13:31	WG2533613
1,3-Dichlorobenzene	ND		1.00	1	06/08/2025 13:31	WG2533613
1,4-Dichlorobenzene	ND		1.00	1	06/08/2025 13:31	WG2533613
Dichlorodifluoromethane	ND		5.00	1	06/08/2025 13:31	WG2533613
1,1-Dichloroethane	ND		1.00	1	06/08/2025 13:31	WG2533613
1,2-Dichloroethane	ND		1.00	1	06/08/2025 13:31	WG2533613
1,1-Dichloroethene	ND		1.00	1	06/08/2025 13:31	WG2533613
cis-1,2-Dichloroethene	ND		1.00	1	06/08/2025 13:31	WG2533613
trans-1,2-Dichloroethene	ND		1.00	1	06/08/2025 13:31	WG2533613
1,2-Dichloropropane	ND		1.00	1	06/08/2025 13:31	WG2533613
1,1-Dichloropropene	ND		1.00	1	06/08/2025 13:31	WG2533613
1,3-Dichloropropane	ND		1.00	1	06/08/2025 13:31	WG2533613
cis-1,3-Dichloropropene	ND		1.00	1	06/08/2025 13:31	WG2533613
trans-1,3-Dichloropropene	ND		1.00	1	06/08/2025 13:31	WG2533613
2,2-Dichloropropane	ND		1.00	1	06/08/2025 13:31	WG2533613
Di-isopropyl ether	ND		1.00	1	06/08/2025 13:31	WG2533613
Ethylbenzene	ND		1.00	1	06/08/2025 13:31	WG2533613
Hexachloro-1,3-butadiene	ND		1.00	1	06/08/2025 13:31	WG2533613
Isopropylbenzene	ND		1.00	1	06/08/2025 13:31	WG2533613
p-Isopropyltoluene	ND		1.00	1	06/08/2025 13:31	WG2533613
2-Butanone (MEK)	ND		10.0	1	06/08/2025 13:31	WG2533613
Methylene Chloride	ND		5.00	1	06/08/2025 13:31	WG2533613
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	06/08/2025 13:31	WG2533613
Methyl tert-butyl ether	ND		1.00	1	06/08/2025 13:31	WG2533613
Naphthalene	ND		5.00	1	06/08/2025 13:31	WG2533613
n-Propylbenzene	ND		1.00	1	06/08/2025 13:31	WG2533613
Styrene	ND		1.00	1	06/08/2025 13:31	WG2533613
1,1,1,2-Tetrachloroethane	ND		1.00	1	06/08/2025 13:31	WG2533613
1,1,2,2-Tetrachloroethane	ND		1.00	1	06/08/2025 13:31	WG2533613
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	06/08/2025 13:31	WG2533613
Tetrachloroethene	ND		1.00	1	06/08/2025 13:31	WG2533613
Toluene	ND		1.00	1	06/08/2025 13:31	WG2533613
1,2,3-Trichlorobenzene	ND		1.00	1	06/08/2025 13:31	WG2533613
1,2,4-Trichlorobenzene	ND		1.00	1	06/08/2025 13:31	WG2533613

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		1.00	1	06/08/2025 13:31	WG2533613
1,1,2-Trichloroethane	ND		1.00	1	06/08/2025 13:31	WG2533613
Trichloroethene	ND		1.00	1	06/08/2025 13:31	WG2533613
Trichlorofluoromethane	ND		5.00	1	06/08/2025 13:31	WG2533613
1,2,3-Trichloropropane	ND		2.50	1	06/08/2025 13:31	WG2533613
1,2,4-Trimethylbenzene	ND		1.00	1	06/08/2025 13:31	WG2533613
1,2,3-Trimethylbenzene	ND		1.00	1	06/08/2025 13:31	WG2533613
1,3,5-Trimethylbenzene	ND		1.00	1	06/08/2025 13:31	WG2533613
Vinyl chloride	ND		1.00	1	06/08/2025 13:31	WG2533613
Xylenes, Total	ND		3.00	1	06/08/2025 13:31	WG2533613
(S) Toluene-d8	92.9		80.0-120		06/08/2025 13:31	WG2533613
(S) 4-Bromofluorobenzene	97.9		77.0-126		06/08/2025 13:31	WG2533613
(S) 1,2-Dichloroethane-d4	111		70.0-130		06/08/2025 13:31	WG2533613

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Calculated Results

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Total Nitrogen	766		100	1	06/13/2025 10:54	WG2536650

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Dissolved Solids	193000		10000	1	06/08/2025 14:06	WG2533534

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Suspended Solids	123000		12500	1	06/08/2025 15:24	WG2533563

Wet Chemistry by Method 130.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Hardness (colorimetric) as CaCO3	122000		30000	1	06/09/2025 22:58	WG2533627

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Alkalinity	65000		20000	1	06/08/2025 13:39	WG2533622
Alkalinity,Bicarbonate	65000		20000	1	06/08/2025 13:39	WG2533622
Alkalinity,Carbonate	ND		20000	1	06/08/2025 13:39	WG2533622

Sample Narrative:

L1867555-05 WG2533622: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Bromide	ND		1000	1	06/09/2025 12:21	WG2533567
Chloride	8230		1000	1	06/09/2025 12:21	WG2533567
Fluoride	248		150	1	06/09/2025 12:21	WG2533567
Nitrate as (N)	314		100	1	06/08/2025 16:28	WG2533567
Nitrite as (N)	ND	Q	100	1	06/09/2025 12:21	WG2533567
Sulfate	64700		5000	1	06/09/2025 12:21	WG2533567

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		100	1	06/08/2025 19:39	WG2533726

Wet Chemistry by Method 351.2

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	452		250	1	06/13/2025 10:54	WG2536650

Wet Chemistry by Method 365.4

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Phosphorus,Total	191		100	1	06/11/2025 15:38	WG2536181

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Wet Chemistry by Method 5310 B-2014

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	4590		1000	1	06/08/2025 14:17	WG2533581

Wet Chemistry by Method 5540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
MBAS	ND		100	1	06/08/2025 17:23	WG2533675

Wet Chemistry by Method 7199

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.500	1	06/09/2025 16:16	WG2533804

Wet Chemistry by Method 9040C

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.03	T8	1	06/08/2025 13:01	WG2533638

Sample Narrative:

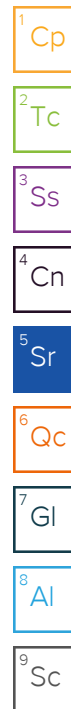
L1867555-05 WG2533638: 8.03 at 22.6C

Mercury by Method 7470A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Mercury	ND		0.200	1	06/08/2025 15:14	WG2533594

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Aluminum	932		100	1	06/08/2025 19:45	WG2533609
Aluminum,Dissolved	ND		100	1	06/08/2025 17:17	WG2533611
Antimony	ND		4.00	1	06/08/2025 19:45	WG2533609
Arsenic	ND		2.00	1	06/08/2025 19:45	WG2533609
Arsenic,Dissolved	ND		2.00	1	06/08/2025 17:17	WG2533611
Barium	31.9		2.00	1	06/08/2025 19:45	WG2533609
Beryllium	ND		2.00	1	06/08/2025 19:45	WG2533609
Boron	38.2		30.0	1	06/08/2025 19:45	WG2533609
Cadmium	ND		1.00	1	06/08/2025 19:45	WG2533609
Cadmium,Dissolved	ND		1.00	1	06/08/2025 17:17	WG2533611
Calcium	32600		1000	1	06/08/2025 19:45	WG2533609
Chromium	ND		2.00	1	06/08/2025 19:45	WG2533609
Chromium,Dissolved	ND		2.00	1	06/08/2025 17:17	WG2533611
Copper	ND		5.00	1	06/08/2025 19:45	WG2533609
Copper,Dissolved	ND		5.00	1	06/08/2025 17:17	WG2533611
Cobalt	ND		2.00	1	06/08/2025 19:45	WG2533609
Iron	660		100	1	06/08/2025 19:45	WG2533609
Lead	ND		2.00	1	06/08/2025 19:45	WG2533609
Lead,Dissolved	ND		2.00	1	06/08/2025 17:17	WG2533611
Magnesium	10800		1000	1	06/08/2025 19:45	WG2533609
Manganese	50.6		5.00	1	06/08/2025 19:45	WG2533609
Manganese,Dissolved	ND		5.00	1	06/08/2025 17:17	WG2533611
Nickel	ND		2.00	1	06/08/2025 19:45	WG2533609
Nickel,Dissolved	ND		2.00	1	06/08/2025 17:17	WG2533611
Potassium	ND		2000	1	06/08/2025 19:45	WG2533609
Selenium	ND		2.00	1	06/08/2025 19:45	WG2533609



Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Selenium,Dissolved	ND		2.00	1	06/08/2025 17:17	WG2533611
Silver	ND		2.00	1	06/08/2025 19:45	WG2533609
Silver,Dissolved	ND		2.00	1	06/08/2025 17:17	WG2533611
Sodium	13800		2000	1	06/08/2025 19:45	WG2533609
Thallium	ND		2.00	1	06/08/2025 19:45	WG2533609
Vanadium	ND		5.00	1	06/08/2025 19:45	WG2533609
Zinc	ND		25.0	1	06/08/2025 19:45	WG2533609
Zinc,Dissolved	ND		25.0	1	06/08/2025 17:17	WG2533611

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		500	5	06/08/2025 15:07	WG2533629
(S) a,a,a-Trifluorotoluene(FID)	95.6		78.0-120		06/08/2025 15:07	WG2533629

Sample Narrative:

L1867555-05 WG2533629: Lowest possible dilution due to sample foaming.

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	C3	50.0	1	06/08/2025 16:49	WG2533613
Acrolein	ND	C3	50.0	1	06/08/2025 16:49	WG2533613
Acrylonitrile	ND		10.0	1	06/08/2025 16:49	WG2533613
Benzene	ND		1.00	1	06/08/2025 16:49	WG2533613
Bromobenzene	ND		1.00	1	06/08/2025 16:49	WG2533613
Bromodichloromethane	ND		1.00	1	06/08/2025 16:49	WG2533613
Bromoform	ND		1.00	1	06/08/2025 16:49	WG2533613
Bromomethane	ND		5.00	1	06/08/2025 16:49	WG2533613
n-Butylbenzene	ND		1.00	1	06/08/2025 16:49	WG2533613
sec-Butylbenzene	ND		1.00	1	06/08/2025 16:49	WG2533613
tert-Butylbenzene	ND		1.00	1	06/08/2025 16:49	WG2533613
Carbon tetrachloride	ND		1.00	1	06/08/2025 16:49	WG2533613
Chlorobenzene	ND		1.00	1	06/08/2025 16:49	WG2533613
Chlorodibromomethane	ND		1.00	1	06/08/2025 16:49	WG2533613
Chloroethane	ND		5.00	1	06/08/2025 16:49	WG2533613
Chloroform	ND		5.00	1	06/08/2025 16:49	WG2533613
Chloromethane	ND		2.50	1	06/08/2025 16:49	WG2533613
2-Chlorotoluene	ND		1.00	1	06/08/2025 16:49	WG2533613
4-Chlorotoluene	ND		1.00	1	06/08/2025 16:49	WG2533613
1,2-Dibromo-3-Chloropropane	ND		5.00	1	06/08/2025 16:49	WG2533613
1,2-Dibromoethane	ND		1.00	1	06/08/2025 16:49	WG2533613
Dibromomethane	ND		1.00	1	06/08/2025 16:49	WG2533613
1,2-Dichlorobenzene	ND		1.00	1	06/08/2025 16:49	WG2533613
1,3-Dichlorobenzene	ND		1.00	1	06/08/2025 16:49	WG2533613
1,4-Dichlorobenzene	ND		1.00	1	06/08/2025 16:49	WG2533613
Dichlorodifluoromethane	ND		5.00	1	06/08/2025 16:49	WG2533613
1,1-Dichloroethane	ND		1.00	1	06/08/2025 16:49	WG2533613
1,2-Dichloroethane	ND		1.00	1	06/08/2025 16:49	WG2533613
1,1-Dichloroethene	ND		1.00	1	06/08/2025 16:49	WG2533613
cis-1,2-Dichloroethene	ND		1.00	1	06/08/2025 16:49	WG2533613
trans-1,2-Dichloroethene	ND		1.00	1	06/08/2025 16:49	WG2533613
1,2-Dichloropropane	ND		1.00	1	06/08/2025 16:49	WG2533613
1,1-Dichloropropene	ND		1.00	1	06/08/2025 16:49	WG2533613
1,3-Dichloropropane	ND		1.00	1	06/08/2025 16:49	WG2533613

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

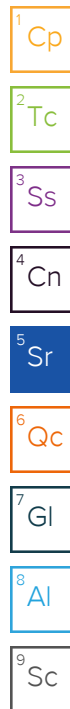
7Gl

8Al

9Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
cis-1,3-Dichloropropene	ND		1.00	1	06/08/2025 16:49	WG2533613
trans-1,3-Dichloropropene	ND		1.00	1	06/08/2025 16:49	WG2533613
2,2-Dichloropropane	ND		1.00	1	06/08/2025 16:49	WG2533613
Di-isopropyl ether	ND		1.00	1	06/08/2025 16:49	WG2533613
Ethylbenzene	ND		1.00	1	06/08/2025 16:49	WG2533613
Hexachloro-1,3-butadiene	ND		1.00	1	06/08/2025 16:49	WG2533613
Isopropylbenzene	ND		1.00	1	06/08/2025 16:49	WG2533613
p-Isopropyltoluene	ND		1.00	1	06/08/2025 16:49	WG2533613
2-Butanone (MEK)	ND		10.0	1	06/08/2025 16:49	WG2533613
Methylene Chloride	ND		5.00	1	06/08/2025 16:49	WG2533613
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	06/08/2025 16:49	WG2533613
Methyl tert-butyl ether	ND		1.00	1	06/08/2025 16:49	WG2533613
Naphthalene	ND		5.00	1	06/08/2025 16:49	WG2533613
n-Propylbenzene	ND		1.00	1	06/08/2025 16:49	WG2533613
Styrene	ND		1.00	1	06/08/2025 16:49	WG2533613
1,1,1,2-Tetrachloroethane	ND		1.00	1	06/08/2025 16:49	WG2533613
1,1,2,2-Tetrachloroethane	ND		1.00	1	06/08/2025 16:49	WG2533613
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	06/08/2025 16:49	WG2533613
Tetrachloroethene	ND		1.00	1	06/08/2025 16:49	WG2533613
Toluene	ND		1.00	1	06/08/2025 16:49	WG2533613
1,2,3-Trichlorobenzene	ND		1.00	1	06/08/2025 16:49	WG2533613
1,2,4-Trichlorobenzene	ND		1.00	1	06/08/2025 16:49	WG2533613
1,1,1-Trichloroethane	ND		1.00	1	06/08/2025 16:49	WG2533613
1,1,2-Trichloroethane	ND		1.00	1	06/08/2025 16:49	WG2533613
Trichloroethene	ND		1.00	1	06/08/2025 16:49	WG2533613
Trichlorofluoromethane	ND		5.00	1	06/08/2025 16:49	WG2533613
1,2,3-Trichloropropane	ND		2.50	1	06/08/2025 16:49	WG2533613
1,2,4-Trimethylbenzene	ND		1.00	1	06/08/2025 16:49	WG2533613
1,2,3-Trimethylbenzene	ND		1.00	1	06/08/2025 16:49	WG2533613
1,3,5-Trimethylbenzene	ND		1.00	1	06/08/2025 16:49	WG2533613
Vinyl chloride	ND		1.00	1	06/08/2025 16:49	WG2533613
Xylenes, Total	ND		3.00	1	06/08/2025 16:49	WG2533613
(S) Toluene-d8	88.5		80.0-120		06/08/2025 16:49	WG2533613
(S) 4-Bromofluorobenzene	81.6		77.0-126		06/08/2025 16:49	WG2533613
(S) 1,2-Dichloroethane-d4	124		70.0-130		06/08/2025 16:49	WG2533613



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

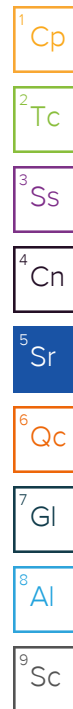
Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	140		100	1	06/09/2025 15:08	WG2533612
C28-C36 Motor Oil Range	ND		100	1	06/09/2025 15:08	WG2533612
(S) o-Terphenyl	108		52.0-156		06/09/2025 15:08	WG2533612

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	06/08/2025 22:32	WG2533578
Acenaphthylene	ND		1.00	1	06/08/2025 22:32	WG2533578
Anthracene	ND		1.00	1	06/08/2025 22:32	WG2533578
Benzidine	ND	C7	20.0	1	06/08/2025 22:32	WG2533578
Benzo(a)anthracene	ND		1.00	1	06/08/2025 22:32	WG2533578
Benzo(b)fluoranthene	ND		1.00	1	06/08/2025 22:32	WG2533578
Benzo(k)fluoranthene	ND		1.00	1	06/08/2025 22:32	WG2533578
Benzo(g,h,i)perylene	ND		1.00	1	06/08/2025 22:32	WG2533578
Benzo(a)pyrene	ND		1.00	1	06/08/2025 22:32	WG2533578

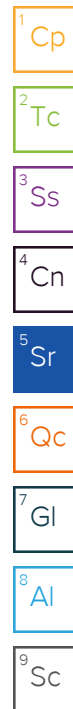
Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Bis(2-chlorethoxy)methane	ND		10.0	1	06/08/2025 22:32	WG2533578
Bis(2-chloroethyl)ether	ND		10.0	1	06/08/2025 22:32	WG2533578
2,2-Oxybis(1-Chloropropane)	ND		10.0	1	06/08/2025 22:32	WG2533578
4-Bromophenyl-phenylether	ND		10.0	1	06/08/2025 22:32	WG2533578
2-Chloronaphthalene	ND		1.00	1	06/08/2025 22:32	WG2533578
4-Chlorophenyl-phenylether	ND		10.0	1	06/08/2025 22:32	WG2533578
Chrysene	ND		1.00	1	06/08/2025 22:32	WG2533578
Dibenz(a,h)anthracene	ND		1.00	1	06/08/2025 22:32	WG2533578
1,2-Dichlorobenzene	ND		10.0	1	06/08/2025 22:32	WG2533578
1,3-Dichlorobenzene	ND		10.0	1	06/08/2025 22:32	WG2533578
1,4-Dichlorobenzene	ND		10.0	1	06/08/2025 22:32	WG2533578
3,3-Dichlorobenzidine	ND		10.0	1	06/08/2025 22:32	WG2533578
2,4-Dinitrotoluene	ND		10.0	1	06/08/2025 22:32	WG2533578
2,6-Dinitrotoluene	ND		10.0	1	06/08/2025 22:32	WG2533578
Fluoranthene	ND		1.00	1	06/08/2025 22:32	WG2533578
Fluorene	ND		1.00	1	06/08/2025 22:32	WG2533578
Hexachlorobenzene	ND		1.00	1	06/08/2025 22:32	WG2533578
Hexachloro-1,3-butadiene	ND		10.0	1	06/08/2025 22:32	WG2533578
Hexachlorocyclopentadiene	ND	C7	10.0	1	06/08/2025 22:32	WG2533578
Hexachloroethane	ND		10.0	1	06/08/2025 22:32	WG2533578
Indeno(1,2,3-cd)pyrene	ND		1.00	1	06/08/2025 22:32	WG2533578
Isophorone	ND		10.0	1	06/08/2025 22:32	WG2533578
1-Methylnaphthalene	ND		1.00	1	06/08/2025 22:32	WG2533578
2-Methylnaphthalene	ND		1.00	1	06/08/2025 22:32	WG2533578
Naphthalene	ND		1.00	1	06/08/2025 22:32	WG2533578
Nitrobenzene	ND		10.0	1	06/08/2025 22:32	WG2533578
n-Nitrosodimethylamine	ND		10.0	1	06/08/2025 22:32	WG2533578
n-Nitrosodiphenylamine	ND		10.0	1	06/08/2025 22:32	WG2533578
n-Nitrosodi-n-propylamine	ND		10.0	1	06/08/2025 22:32	WG2533578
Phenanthrene	ND		1.00	1	06/08/2025 22:32	WG2533578
Benzylbutyl phthalate	ND		3.00	1	06/08/2025 22:32	WG2533578
Bis(2-ethylhexyl)phthalate	ND		3.00	1	06/08/2025 22:32	WG2533578
Di-n-butyl phthalate	ND		3.00	1	06/08/2025 22:32	WG2533578
Diethyl phthalate	ND		3.00	1	06/08/2025 22:32	WG2533578
Dimethyl phthalate	ND		3.00	1	06/08/2025 22:32	WG2533578
Di-n-octyl phthalate	ND		3.00	1	06/08/2025 22:32	WG2533578
Pyrene	ND		1.00	1	06/08/2025 22:32	WG2533578
1,2,4-Trichlorobenzene	ND		10.0	1	06/08/2025 22:32	WG2533578
4-Chloro-3-methylphenol	ND		10.0	1	06/08/2025 22:32	WG2533578
2-Chlorophenol	ND		10.0	1	06/08/2025 22:32	WG2533578
2,4-Dichlorophenol	ND		10.0	1	06/08/2025 22:32	WG2533578
2,4-Dimethylphenol	ND		10.0	1	06/08/2025 22:32	WG2533578
4,6-Dinitro-2-methylphenol	ND		10.0	1	06/08/2025 22:32	WG2533578
2,4-Dinitrophenol	ND		10.0	1	06/08/2025 22:32	WG2533578
2-Nitrophenol	ND		10.0	1	06/08/2025 22:32	WG2533578
4-Nitrophenol	ND		10.0	1	06/08/2025 22:32	WG2533578
Pentachlorophenol	ND		10.0	1	06/08/2025 22:32	WG2533578
Phenol	ND		10.0	1	06/08/2025 22:32	WG2533578
2,4,6-Trichlorophenol	ND		10.0	1	06/08/2025 22:32	WG2533578
(S) 2-Fluorophenol	35.3		10.0-120		06/08/2025 22:32	WG2533578
(S) Phenol-d5	23.2		10.0-120		06/08/2025 22:32	WG2533578
(S) Nitrobenzene-d5	61.8		10.0-127		06/08/2025 22:32	WG2533578
(S) 2-Fluorobiphenyl	66.3		10.0-130		06/08/2025 22:32	WG2533578
(S) 2,4,6-Tribromophenol	74.4		10.0-155		06/08/2025 22:32	WG2533578
(S) p-Terphenyl-d14	66.0		10.0-128		06/08/2025 22:32	WG2533578



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	C3	50.0	1	06/08/2025 13:51	WG2533613
Acrolein	ND	C3	50.0	1	06/08/2025 13:51	WG2533613
Acrylonitrile	ND		10.0	1	06/08/2025 13:51	WG2533613
Benzene	ND		1.00	1	06/08/2025 13:51	WG2533613
Bromobenzene	ND		1.00	1	06/08/2025 13:51	WG2533613
Bromodichloromethane	ND		1.00	1	06/08/2025 13:51	WG2533613
Bromoform	ND		1.00	1	06/08/2025 13:51	WG2533613
Bromomethane	ND		5.00	1	06/08/2025 13:51	WG2533613
n-Butylbenzene	ND		1.00	1	06/08/2025 13:51	WG2533613
sec-Butylbenzene	ND		1.00	1	06/08/2025 13:51	WG2533613
tert-Butylbenzene	ND		1.00	1	06/08/2025 13:51	WG2533613
Carbon tetrachloride	ND		1.00	1	06/08/2025 13:51	WG2533613
Chlorobenzene	ND		1.00	1	06/08/2025 13:51	WG2533613
Chlorodibromomethane	ND		1.00	1	06/08/2025 13:51	WG2533613
Chloroethane	ND		5.00	1	06/08/2025 13:51	WG2533613
Chloroform	ND		5.00	1	06/08/2025 13:51	WG2533613
Chloromethane	ND		2.50	1	06/08/2025 13:51	WG2533613
2-Chlorotoluene	ND		1.00	1	06/08/2025 13:51	WG2533613
4-Chlorotoluene	ND		1.00	1	06/08/2025 13:51	WG2533613
1,2-Dibromo-3-Chloropropane	ND		5.00	1	06/08/2025 13:51	WG2533613
1,2-Dibromoethane	ND		1.00	1	06/08/2025 13:51	WG2533613
Dibromomethane	ND		1.00	1	06/08/2025 13:51	WG2533613
1,2-Dichlorobenzene	ND		1.00	1	06/08/2025 13:51	WG2533613
1,3-Dichlorobenzene	ND		1.00	1	06/08/2025 13:51	WG2533613
1,4-Dichlorobenzene	ND		1.00	1	06/08/2025 13:51	WG2533613
Dichlorodifluoromethane	ND		5.00	1	06/08/2025 13:51	WG2533613
1,1-Dichloroethane	ND		1.00	1	06/08/2025 13:51	WG2533613
1,2-Dichloroethane	ND		1.00	1	06/08/2025 13:51	WG2533613
1,1-Dichloroethene	ND		1.00	1	06/08/2025 13:51	WG2533613
cis-1,2-Dichloroethene	ND		1.00	1	06/08/2025 13:51	WG2533613
trans-1,2-Dichloroethene	ND		1.00	1	06/08/2025 13:51	WG2533613
1,2-Dichloropropane	ND		1.00	1	06/08/2025 13:51	WG2533613
1,1-Dichloropropene	ND		1.00	1	06/08/2025 13:51	WG2533613
1,3-Dichloropropane	ND		1.00	1	06/08/2025 13:51	WG2533613
cis-1,3-Dichloropropene	ND		1.00	1	06/08/2025 13:51	WG2533613
trans-1,3-Dichloropropene	ND		1.00	1	06/08/2025 13:51	WG2533613
2,2-Dichloropropane	ND		1.00	1	06/08/2025 13:51	WG2533613
Di-isopropyl ether	ND		1.00	1	06/08/2025 13:51	WG2533613
Ethylbenzene	ND		1.00	1	06/08/2025 13:51	WG2533613
Hexachloro-1,3-butadiene	ND		1.00	1	06/08/2025 13:51	WG2533613
Isopropylbenzene	ND		1.00	1	06/08/2025 13:51	WG2533613
p-Isopropyltoluene	ND		1.00	1	06/08/2025 13:51	WG2533613
2-Butanone (MEK)	ND		10.0	1	06/08/2025 13:51	WG2533613
Methylene Chloride	ND		5.00	1	06/08/2025 13:51	WG2533613
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	06/08/2025 13:51	WG2533613
Methyl tert-butyl ether	ND		1.00	1	06/08/2025 13:51	WG2533613
Naphthalene	ND		5.00	1	06/08/2025 13:51	WG2533613
n-Propylbenzene	ND		1.00	1	06/08/2025 13:51	WG2533613
Styrene	ND		1.00	1	06/08/2025 13:51	WG2533613
1,1,1,2-Tetrachloroethane	ND		1.00	1	06/08/2025 13:51	WG2533613
1,1,2,2-Tetrachloroethane	ND		1.00	1	06/08/2025 13:51	WG2533613
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	06/08/2025 13:51	WG2533613
Tetrachloroethene	ND		1.00	1	06/08/2025 13:51	WG2533613
Toluene	ND		1.00	1	06/08/2025 13:51	WG2533613
1,2,3-Trichlorobenzene	ND		1.00	1	06/08/2025 13:51	WG2533613
1,2,4-Trichlorobenzene	ND		1.00	1	06/08/2025 13:51	WG2533613



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	06/08/2025 13:51	WG2533613
1,1,2-Trichloroethane	ND		1.00	1	06/08/2025 13:51	WG2533613
Trichloroethene	ND		1.00	1	06/08/2025 13:51	WG2533613
Trichlorofluoromethane	ND		5.00	1	06/08/2025 13:51	WG2533613
1,2,3-Trichloropropane	ND		2.50	1	06/08/2025 13:51	WG2533613
1,2,4-Trimethylbenzene	ND		1.00	1	06/08/2025 13:51	WG2533613
1,2,3-Trimethylbenzene	ND		1.00	1	06/08/2025 13:51	WG2533613
1,3,5-Trimethylbenzene	ND		1.00	1	06/08/2025 13:51	WG2533613
Vinyl chloride	ND		1.00	1	06/08/2025 13:51	WG2533613
Xylenes, Total	ND		3.00	1	06/08/2025 13:51	WG2533613
(S) Toluene-d8	103		80.0-120		06/08/2025 13:51	WG2533613
(S) 4-Bromofluorobenzene	93.2		77.0-126		06/08/2025 13:51	WG2533613
(S) 1,2-Dichloroethane-d4	103		70.0-130		06/08/2025 13:51	WG2533613

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Calculated Results

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Total Nitrogen	831		100	1	06/13/2025 10:56	WG2536650

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Dissolved Solids	208000		10000	1	06/08/2025 14:06	WG2533534

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Suspended Solids	173000		13200	1	06/08/2025 15:24	WG2533563

Wet Chemistry by Method 130.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Hardness (colorimetric) as CaCO3	143000		30000	1	06/09/2025 22:59	WG2533627

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Alkalinity	67800		20000	1	06/08/2025 13:43	WG2533622
Alkalinity,Bicarbonate	67800		20000	1	06/08/2025 13:43	WG2533622
Alkalinity,Carbonate	ND		20000	1	06/08/2025 13:43	WG2533622

Sample Narrative:

L1867555-07 WG2533622: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Bromide	ND		1000	1	06/09/2025 12:34	WG2533567
Chloride	8560		1000	1	06/09/2025 12:34	WG2533567
Fluoride	259		150	1	06/09/2025 12:34	WG2533567
Nitrate as (N)	344		100	1	06/08/2025 16:41	WG2533567
Nitrite as (N)	ND	Q	100	1	06/09/2025 12:34	WG2533567
Sulfate	70000		5000	1	06/09/2025 12:34	WG2533567

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		100	1	06/08/2025 19:50	WG2533726

Wet Chemistry by Method 351.2

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	487		250	1	06/13/2025 10:56	WG2536650

Wet Chemistry by Method 365.4

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Phosphorus,Total	262		100	1	06/11/2025 15:39	WG2536181

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Wet Chemistry by Method 5310 B-2014

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	4590		1000	1	06/08/2025 14:40	WG2533581

Wet Chemistry by Method 5540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
MBAS	ND		100	1	06/08/2025 17:24	WG2533675

Wet Chemistry by Method 7199

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.500	1	06/09/2025 16:26	WG2533804

Wet Chemistry by Method 9040C

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.05	T8	1	06/08/2025 13:01	WG2533638

Sample Narrative:

L1867555-07 WG2533638: 8.05 at 22.8C

Mercury by Method 7470A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Mercury	ND		0.200	1	06/08/2025 15:17	WG2533594

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Aluminum	953		100	1	06/08/2025 19:56	WG2533609
Aluminum,Dissolved	ND		100	1	06/08/2025 17:20	WG2533611
Antimony	ND		4.00	1	06/08/2025 19:56	WG2533609
Arsenic	ND		2.00	1	06/08/2025 19:56	WG2533609
Arsenic,Dissolved	ND		2.00	1	06/08/2025 17:20	WG2533611
Barium	41.8		2.00	1	06/08/2025 19:56	WG2533609
Beryllium	ND		2.00	1	06/08/2025 19:56	WG2533609
Boron	41.1		30.0	1	06/08/2025 19:56	WG2533609
Cadmium	ND		1.00	1	06/08/2025 19:56	WG2533609
Cadmium,Dissolved	ND		1.00	1	06/08/2025 17:20	WG2533611
Calcium	37100		1000	1	06/08/2025 19:56	WG2533609
Chromium	ND		2.00	1	06/08/2025 19:56	WG2533609
Chromium,Dissolved	ND		2.00	1	06/08/2025 17:20	WG2533611
Copper	ND		5.00	1	06/08/2025 19:56	WG2533609
Copper,Dissolved	ND		5.00	1	06/08/2025 17:20	WG2533611
Cobalt	ND		2.00	1	06/08/2025 19:56	WG2533609
Iron	684		100	1	06/08/2025 19:56	WG2533609
Lead	2.51		2.00	1	06/08/2025 19:56	WG2533609
Lead,Dissolved	ND		2.00	1	06/08/2025 17:20	WG2533611
Magnesium	11700		1000	1	06/08/2025 19:56	WG2533609
Manganese	83.0		5.00	1	06/08/2025 19:56	WG2533609
Manganese,Dissolved	ND		5.00	1	06/08/2025 17:20	WG2533611
Nickel	ND		2.00	1	06/08/2025 19:56	WG2533609
Nickel,Dissolved	ND		2.00	1	06/08/2025 17:20	WG2533611
Potassium	ND		2000	1	06/08/2025 19:56	WG2533609
Selenium	ND		2.00	1	06/08/2025 19:56	WG2533609

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Metals (ICPMS) by Method 6020B

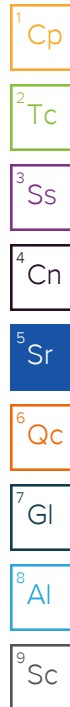
Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Selenium,Dissolved	ND		2.00	1	06/08/2025 17:20	WG2533611
Silver	ND		2.00	1	06/08/2025 19:56	WG2533609
Silver,Dissolved	ND		2.00	1	06/08/2025 17:20	WG2533611
Sodium	15100		2000	1	06/08/2025 19:56	WG2533609
Thallium	ND		2.00	1	06/08/2025 19:56	WG2533609
Vanadium	ND		5.00	1	06/08/2025 19:56	WG2533609
Zinc	ND		25.0	1	06/08/2025 19:56	WG2533609
Zinc,Dissolved	ND		25.0	1	06/08/2025 17:20	WG2533611

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		100	1	06/08/2025 15:30	WG2533629
(S) a,a,a-Trifluorotoluene(FID)	95.1		78.0-120		06/08/2025 15:30	WG2533629

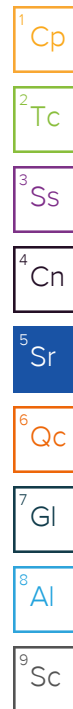
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	C3	50.0	1	06/08/2025 17:08	WG2533613
Acrolein	ND	C3	50.0	1	06/08/2025 17:08	WG2533613
Acrylonitrile	ND		10.0	1	06/08/2025 17:08	WG2533613
Benzene	ND		1.00	1	06/08/2025 17:08	WG2533613
Bromobenzene	ND		1.00	1	06/08/2025 17:08	WG2533613
Bromodichloromethane	ND		1.00	1	06/08/2025 17:08	WG2533613
Bromoform	ND		1.00	1	06/08/2025 17:08	WG2533613
Bromomethane	ND		5.00	1	06/08/2025 17:08	WG2533613
n-Butylbenzene	ND		1.00	1	06/08/2025 17:08	WG2533613
sec-Butylbenzene	ND		1.00	1	06/08/2025 17:08	WG2533613
tert-Butylbenzene	ND		1.00	1	06/08/2025 17:08	WG2533613
Carbon tetrachloride	ND		1.00	1	06/08/2025 17:08	WG2533613
Chlorobenzene	ND		1.00	1	06/08/2025 17:08	WG2533613
Chlorodibromomethane	ND		1.00	1	06/08/2025 17:08	WG2533613
Chloroethane	ND		5.00	1	06/08/2025 17:08	WG2533613
Chloroform	ND		5.00	1	06/08/2025 17:08	WG2533613
Chloromethane	ND		2.50	1	06/08/2025 17:08	WG2533613
2-Chlorotoluene	ND		1.00	1	06/08/2025 17:08	WG2533613
4-Chlorotoluene	ND		1.00	1	06/08/2025 17:08	WG2533613
1,2-Dibromo-3-Chloropropane	ND		5.00	1	06/08/2025 17:08	WG2533613
1,2-Dibromoethane	ND		1.00	1	06/08/2025 17:08	WG2533613
Dibromomethane	ND		1.00	1	06/08/2025 17:08	WG2533613
1,2-Dichlorobenzene	ND		1.00	1	06/08/2025 17:08	WG2533613
1,3-Dichlorobenzene	ND		1.00	1	06/08/2025 17:08	WG2533613
1,4-Dichlorobenzene	ND		1.00	1	06/08/2025 17:08	WG2533613
Dichlorodifluoromethane	ND		5.00	1	06/08/2025 17:08	WG2533613
1,1-Dichloroethane	ND		1.00	1	06/08/2025 17:08	WG2533613
1,2-Dichloroethane	ND		1.00	1	06/08/2025 17:08	WG2533613
1,1-Dichloroethene	ND		1.00	1	06/08/2025 17:08	WG2533613
cis-1,2-Dichloroethene	ND		1.00	1	06/08/2025 17:08	WG2533613
trans-1,2-Dichloroethene	ND		1.00	1	06/08/2025 17:08	WG2533613
1,2-Dichloropropane	ND		1.00	1	06/08/2025 17:08	WG2533613
1,1-Dichloropropene	ND		1.00	1	06/08/2025 17:08	WG2533613
1,3-Dichloropropane	ND		1.00	1	06/08/2025 17:08	WG2533613
cis-1,3-Dichloropropene	ND		1.00	1	06/08/2025 17:08	WG2533613
trans-1,3-Dichloropropene	ND		1.00	1	06/08/2025 17:08	WG2533613
2,2-Dichloropropane	ND		1.00	1	06/08/2025 17:08	WG2533613



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	06/08/2025 17:08	WG2533613
Ethylbenzene	ND		1.00	1	06/08/2025 17:08	WG2533613
Hexachloro-1,3-butadiene	ND		1.00	1	06/08/2025 17:08	WG2533613
Isopropylbenzene	ND		1.00	1	06/08/2025 17:08	WG2533613
p-Isopropyltoluene	ND		1.00	1	06/08/2025 17:08	WG2533613
2-Butanone (MEK)	ND		10.0	1	06/08/2025 17:08	WG2533613
Methylene Chloride	ND		5.00	1	06/08/2025 17:08	WG2533613
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	06/08/2025 17:08	WG2533613
Methyl tert-butyl ether	ND		1.00	1	06/08/2025 17:08	WG2533613
Naphthalene	ND		5.00	1	06/08/2025 17:08	WG2533613
n-Propylbenzene	ND		1.00	1	06/08/2025 17:08	WG2533613
Styrene	ND		1.00	1	06/08/2025 17:08	WG2533613
1,1,1,2-Tetrachloroethane	ND		1.00	1	06/08/2025 17:08	WG2533613
1,1,2,2-Tetrachloroethane	ND		1.00	1	06/08/2025 17:08	WG2533613
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	06/08/2025 17:08	WG2533613
Tetrachloroethene	ND		1.00	1	06/08/2025 17:08	WG2533613
Toluene	ND		1.00	1	06/08/2025 17:08	WG2533613
1,2,3-Trichlorobenzene	ND		1.00	1	06/08/2025 17:08	WG2533613
1,2,4-Trichlorobenzene	ND		1.00	1	06/08/2025 17:08	WG2533613
1,1,1-Trichloroethane	ND		1.00	1	06/08/2025 17:08	WG2533613
1,1,2-Trichloroethane	ND		1.00	1	06/08/2025 17:08	WG2533613
Trichloroethene	ND		1.00	1	06/08/2025 17:08	WG2533613
Trichlorofluoromethane	ND		5.00	1	06/08/2025 17:08	WG2533613
1,2,3-Trichloropropane	ND		2.50	1	06/08/2025 17:08	WG2533613
1,2,4-Trimethylbenzene	ND		1.00	1	06/08/2025 17:08	WG2533613
1,2,3-Trimethylbenzene	ND		1.00	1	06/08/2025 17:08	WG2533613
1,3,5-Trimethylbenzene	ND		1.00	1	06/08/2025 17:08	WG2533613
Vinyl chloride	ND		1.00	1	06/08/2025 17:08	WG2533613
Xylenes, Total	ND		3.00	1	06/08/2025 17:08	WG2533613
(S) Toluene-d8	99.4		80.0-120		06/08/2025 17:08	WG2533613
(S) 4-Bromofluorobenzene	94.2		77.0-126		06/08/2025 17:08	WG2533613
(S) 1,2-Dichloroethane-d4	107		70.0-130		06/08/2025 17:08	WG2533613



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

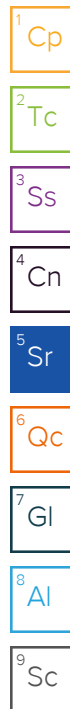
Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	120		100	1	06/09/2025 15:30	WG2533612
C28-C36 Motor Oil Range	ND		100	1	06/09/2025 15:30	WG2533612
(S) o-Terphenyl	91.1		52.0-156		06/09/2025 15:30	WG2533612

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	06/08/2025 22:53	WG2533578
Acenaphthylene	ND		1.00	1	06/08/2025 22:53	WG2533578
Anthracene	ND		1.00	1	06/08/2025 22:53	WG2533578
Benzidine	ND	C7	20.0	1	06/08/2025 22:53	WG2533578
Benzo(a)anthracene	ND		1.00	1	06/08/2025 22:53	WG2533578
Benzo(b)fluoranthene	ND		1.00	1	06/08/2025 22:53	WG2533578
Benzo(k)fluoranthene	ND		1.00	1	06/08/2025 22:53	WG2533578
Benzo(g,h,i)perylene	ND		1.00	1	06/08/2025 22:53	WG2533578
Benzo(a)pyrene	ND		1.00	1	06/08/2025 22:53	WG2533578
Bis(2-chlorethoxy)methane	ND		10.0	1	06/08/2025 22:53	WG2533578
Bis(2-chloroethyl)ether	ND		10.0	1	06/08/2025 22:53	WG2533578
2,2-Oxybis(1-Chloropropane)	ND		10.0	1	06/08/2025 22:53	WG2533578

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	06/08/2025 22:53	WG2533578
2-Chloronaphthalene	ND		1.00	1	06/08/2025 22:53	WG2533578
4-Chlorophenyl-phenylether	ND		10.0	1	06/08/2025 22:53	WG2533578
Chrysene	ND		1.00	1	06/08/2025 22:53	WG2533578
Dibenz(a,h)anthracene	ND		1.00	1	06/08/2025 22:53	WG2533578
1,2-Dichlorobenzene	ND		10.0	1	06/08/2025 22:53	WG2533578
1,3-Dichlorobenzene	ND		10.0	1	06/08/2025 22:53	WG2533578
1,4-Dichlorobenzene	ND		10.0	1	06/08/2025 22:53	WG2533578
3,3-Dichlorobenzidine	ND		10.0	1	06/08/2025 22:53	WG2533578
2,4-Dinitrotoluene	ND		10.0	1	06/08/2025 22:53	WG2533578
2,6-Dinitrotoluene	ND		10.0	1	06/08/2025 22:53	WG2533578
Fluoranthene	ND		1.00	1	06/08/2025 22:53	WG2533578
Fluorene	ND		1.00	1	06/08/2025 22:53	WG2533578
Hexachlorobenzene	ND		1.00	1	06/08/2025 22:53	WG2533578
Hexachloro-1,3-butadiene	ND		10.0	1	06/08/2025 22:53	WG2533578
Hexachlorocyclopentadiene	ND	C7	10.0	1	06/08/2025 22:53	WG2533578
Hexachloroethane	ND		10.0	1	06/08/2025 22:53	WG2533578
Indeno(1,2,3-cd)pyrene	ND		1.00	1	06/08/2025 22:53	WG2533578
Isophorone	ND		10.0	1	06/08/2025 22:53	WG2533578
1-Methylnaphthalene	ND		1.00	1	06/08/2025 22:53	WG2533578
2-Methylnaphthalene	ND		1.00	1	06/08/2025 22:53	WG2533578
Naphthalene	ND		1.00	1	06/08/2025 22:53	WG2533578
Nitrobenzene	ND		10.0	1	06/08/2025 22:53	WG2533578
n-Nitrosodimethylamine	ND		10.0	1	06/08/2025 22:53	WG2533578
n-Nitrosodiphenylamine	ND		10.0	1	06/08/2025 22:53	WG2533578
n-Nitrosodi-n-propylamine	ND		10.0	1	06/08/2025 22:53	WG2533578
Phenanthrene	ND		1.00	1	06/08/2025 22:53	WG2533578
Benzylbutyl phthalate	ND		3.00	1	06/08/2025 22:53	WG2533578
Bis(2-ethylhexyl)phthalate	ND		3.00	1	06/08/2025 22:53	WG2533578
Di-n-butyl phthalate	ND		3.00	1	06/08/2025 22:53	WG2533578
Diethyl phthalate	ND		3.00	1	06/08/2025 22:53	WG2533578
Dimethyl phthalate	ND		3.00	1	06/08/2025 22:53	WG2533578
Di-n-octyl phthalate	ND		3.00	1	06/08/2025 22:53	WG2533578
Pyrene	ND		1.00	1	06/08/2025 22:53	WG2533578
1,2,4-Trichlorobenzene	ND		10.0	1	06/08/2025 22:53	WG2533578
4-Chloro-3-methylphenol	ND		10.0	1	06/08/2025 22:53	WG2533578
2-Chlorophenol	ND		10.0	1	06/08/2025 22:53	WG2533578
2,4-Dichlorophenol	ND		10.0	1	06/08/2025 22:53	WG2533578
2,4-Dimethylphenol	ND		10.0	1	06/08/2025 22:53	WG2533578
4,6-Dinitro-2-methylphenol	ND		10.0	1	06/08/2025 22:53	WG2533578
2,4-Dinitrophenol	ND		10.0	1	06/08/2025 22:53	WG2533578
2-Nitrophenol	ND		10.0	1	06/08/2025 22:53	WG2533578
4-Nitrophenol	ND		10.0	1	06/08/2025 22:53	WG2533578
Pentachlorophenol	ND		10.0	1	06/08/2025 22:53	WG2533578
Phenol	ND		10.0	1	06/08/2025 22:53	WG2533578
2,4,6-Trichlorophenol	ND		10.0	1	06/08/2025 22:53	WG2533578
(S) 2-Fluorophenol	39.8		10.0-120		06/08/2025 22:53	WG2533578
(S) Phenol-d5	23.1		10.0-120		06/08/2025 22:53	WG2533578
(S) Nitrobenzene-d5	62.3		10.0-127		06/08/2025 22:53	WG2533578
(S) 2-Fluorobiphenyl	64.9		10.0-130		06/08/2025 22:53	WG2533578
(S) 2,4,6-Tribromophenol	62.5		10.0-155		06/08/2025 22:53	WG2533578
(S) p-Terphenyl-d14	59.1		10.0-128		06/08/2025 22:53	WG2533578



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	C3	50.0	1	06/08/2025 14:10	WG2533613
Acrolein	ND	C3	50.0	1	06/08/2025 14:10	WG2533613
Acrylonitrile	ND		10.0	1	06/08/2025 14:10	WG2533613
Benzene	ND		1.00	1	06/08/2025 14:10	WG2533613
Bromobenzene	ND		1.00	1	06/08/2025 14:10	WG2533613
Bromodichloromethane	ND		1.00	1	06/08/2025 14:10	WG2533613
Bromoform	ND		1.00	1	06/08/2025 14:10	WG2533613
Bromomethane	ND		5.00	1	06/08/2025 14:10	WG2533613
n-Butylbenzene	ND		1.00	1	06/08/2025 14:10	WG2533613
sec-Butylbenzene	ND		1.00	1	06/08/2025 14:10	WG2533613
tert-Butylbenzene	ND		1.00	1	06/08/2025 14:10	WG2533613
Carbon tetrachloride	ND		1.00	1	06/08/2025 14:10	WG2533613
Chlorobenzene	ND		1.00	1	06/08/2025 14:10	WG2533613
Chlorodibromomethane	ND		1.00	1	06/08/2025 14:10	WG2533613
Chloroethane	ND		5.00	1	06/08/2025 14:10	WG2533613
Chloroform	ND		5.00	1	06/08/2025 14:10	WG2533613
Chloromethane	ND		2.50	1	06/08/2025 14:10	WG2533613
2-Chlorotoluene	ND		1.00	1	06/08/2025 14:10	WG2533613
4-Chlorotoluene	ND		1.00	1	06/08/2025 14:10	WG2533613
1,2-Dibromo-3-Chloropropane	ND		5.00	1	06/08/2025 14:10	WG2533613
1,2-Dibromoethane	ND		1.00	1	06/08/2025 14:10	WG2533613
Dibromomethane	ND		1.00	1	06/08/2025 14:10	WG2533613
1,2-Dichlorobenzene	ND		1.00	1	06/08/2025 14:10	WG2533613
1,3-Dichlorobenzene	ND		1.00	1	06/08/2025 14:10	WG2533613
1,4-Dichlorobenzene	ND		1.00	1	06/08/2025 14:10	WG2533613
Dichlorodifluoromethane	ND		5.00	1	06/08/2025 14:10	WG2533613
1,1-Dichloroethane	ND		1.00	1	06/08/2025 14:10	WG2533613
1,2-Dichloroethane	ND		1.00	1	06/08/2025 14:10	WG2533613
1,1-Dichloroethene	ND		1.00	1	06/08/2025 14:10	WG2533613
cis-1,2-Dichloroethene	ND		1.00	1	06/08/2025 14:10	WG2533613
trans-1,2-Dichloroethene	ND		1.00	1	06/08/2025 14:10	WG2533613
1,2-Dichloropropane	ND		1.00	1	06/08/2025 14:10	WG2533613
1,1-Dichloropropene	ND		1.00	1	06/08/2025 14:10	WG2533613
1,3-Dichloropropane	ND		1.00	1	06/08/2025 14:10	WG2533613
cis-1,3-Dichloropropene	ND		1.00	1	06/08/2025 14:10	WG2533613
trans-1,3-Dichloropropene	ND		1.00	1	06/08/2025 14:10	WG2533613
2,2-Dichloropropane	ND		1.00	1	06/08/2025 14:10	WG2533613
Di-isopropyl ether	ND		1.00	1	06/08/2025 14:10	WG2533613
Ethylbenzene	ND		1.00	1	06/08/2025 14:10	WG2533613
Hexachloro-1,3-butadiene	ND		1.00	1	06/08/2025 14:10	WG2533613
Isopropylbenzene	ND		1.00	1	06/08/2025 14:10	WG2533613
p-Isopropyltoluene	ND		1.00	1	06/08/2025 14:10	WG2533613
2-Butanone (MEK)	ND		10.0	1	06/08/2025 14:10	WG2533613
Methylene Chloride	ND		5.00	1	06/08/2025 14:10	WG2533613
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	06/08/2025 14:10	WG2533613
Methyl tert-butyl ether	ND		1.00	1	06/08/2025 14:10	WG2533613
Naphthalene	ND		5.00	1	06/08/2025 14:10	WG2533613
n-Propylbenzene	ND		1.00	1	06/08/2025 14:10	WG2533613
Styrene	ND		1.00	1	06/08/2025 14:10	WG2533613
1,1,1,2-Tetrachloroethane	ND		1.00	1	06/08/2025 14:10	WG2533613
1,1,2,2-Tetrachloroethane	ND		1.00	1	06/08/2025 14:10	WG2533613
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	06/08/2025 14:10	WG2533613
Tetrachloroethene	ND		1.00	1	06/08/2025 14:10	WG2533613
Toluene	ND		1.00	1	06/08/2025 14:10	WG2533613
1,2,3-Trichlorobenzene	ND		1.00	1	06/08/2025 14:10	WG2533613
1,2,4-Trichlorobenzene	ND		1.00	1	06/08/2025 14:10	WG2533613

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		1.00	1	06/08/2025 14:10	WG2533613
1,1,2-Trichloroethane	ND		1.00	1	06/08/2025 14:10	WG2533613
Trichloroethene	ND		1.00	1	06/08/2025 14:10	WG2533613
Trichlorofluoromethane	ND		5.00	1	06/08/2025 14:10	WG2533613
1,2,3-Trichloropropane	ND		2.50	1	06/08/2025 14:10	WG2533613
1,2,4-Trimethylbenzene	ND		1.00	1	06/08/2025 14:10	WG2533613
1,2,3-Trimethylbenzene	ND		1.00	1	06/08/2025 14:10	WG2533613
1,3,5-Trimethylbenzene	ND		1.00	1	06/08/2025 14:10	WG2533613
Vinyl chloride	ND		1.00	1	06/08/2025 14:10	WG2533613
Xylenes, Total	ND		3.00	1	06/08/2025 14:10	WG2533613
(S) Toluene-d8	112		80.0-120		06/08/2025 14:10	WG2533613
(S) 4-Bromofluorobenzene	120		77.0-126		06/08/2025 14:10	WG2533613
(S) 1,2-Dichloroethane-d4	110		70.0-130		06/08/2025 14:10	WG2533613

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Calculated Results

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Total Nitrogen	985		100	1	06/13/2025 10:58	WG2536650

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Dissolved Solids	206000		10000	1	06/08/2025 14:06	WG2533534

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Suspended Solids	226000		25000	1	06/08/2025 15:24	WG2533563

Wet Chemistry by Method 130.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Hardness (colorimetric) as CaCO3	146000		30000	1	06/09/2025 23:00	WG2533627

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Alkalinity	69100		20000	1	06/08/2025 13:47	WG2533622
Alkalinity,Bicarbonate	69100		20000	1	06/08/2025 13:47	WG2533622
Alkalinity,Carbonate	ND		20000	1	06/08/2025 13:47	WG2533622

Sample Narrative:

L1867555-09 WG2533622: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Bromide	ND		1000	1	06/09/2025 12:47	WG2533567
Chloride	8790		1000	1	06/09/2025 12:47	WG2533567
Fluoride	262		150	1	06/09/2025 12:47	WG2533567
Nitrate as (N)	390		100	1	06/08/2025 17:22	WG2533567
Nitrite as (N)	ND	Q	100	1	06/09/2025 12:47	WG2533567
Sulfate	69500		5000	1	06/09/2025 12:47	WG2533567

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		100	1	06/08/2025 19:54	WG2533726

Wet Chemistry by Method 351.2

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	595		250	1	06/13/2025 10:58	WG2536650

Wet Chemistry by Method 365.4

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Phosphorus,Total	298		100	1	06/11/2025 15:40	WG2536181

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Wet Chemistry by Method 5310 B-2014

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	4720		1000	1	06/08/2025 15:02	WG2533581

Wet Chemistry by Method 5540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
MBAS	ND		100	1	06/08/2025 17:24	WG2533675

Wet Chemistry by Method 7199

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.500	1	06/09/2025 16:35	WG2533804

Wet Chemistry by Method 9040C

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
pH	8.04	T8	1	06/08/2025 13:01	WG2533638

Sample Narrative:

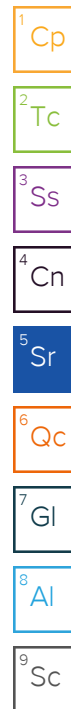
L1867555-09 WG2533638: 8.04 at 22.7C

Mercury by Method 7470A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Mercury	ND		0.200	1	06/08/2025 15:19	WG2533594

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Aluminum	833		100	1	06/08/2025 19:59	WG2533609
Aluminum,Dissolved	ND		100	1	06/08/2025 17:32	WG2533611
Antimony	ND		4.00	1	06/08/2025 19:59	WG2533609
Arsenic	ND		2.00	1	06/08/2025 19:59	WG2533609
Arsenic,Dissolved	ND		2.00	1	06/08/2025 17:32	WG2533611
Barium	42.9		2.00	1	06/08/2025 19:59	WG2533609
Beryllium	ND		2.00	1	06/08/2025 19:59	WG2533609
Boron	41.6		30.0	1	06/08/2025 19:59	WG2533609
Cadmium	ND		1.00	1	06/08/2025 19:59	WG2533609
Cadmium,Dissolved	ND		1.00	1	06/08/2025 17:32	WG2533611
Calcium	37200		1000	1	06/08/2025 19:59	WG2533609
Chromium	ND		2.00	1	06/08/2025 19:59	WG2533609
Chromium,Dissolved	ND		2.00	1	06/08/2025 17:32	WG2533611
Copper	ND		5.00	1	06/08/2025 19:59	WG2533609
Copper,Dissolved	ND		5.00	1	06/08/2025 17:32	WG2533611
Cobalt	ND		2.00	1	06/08/2025 19:59	WG2533609
Iron	828		100	1	06/08/2025 19:59	WG2533609
Lead	3.30		2.00	1	06/08/2025 19:59	WG2533609
Lead,Dissolved	ND		2.00	1	06/08/2025 17:32	WG2533611
Magnesium	11600		1000	1	06/08/2025 19:59	WG2533609
Manganese	108		5.00	1	06/08/2025 19:59	WG2533609
Manganese,Dissolved	ND		5.00	1	06/08/2025 17:32	WG2533611
Nickel	2.22		2.00	1	06/08/2025 19:59	WG2533609
Nickel,Dissolved	ND		2.00	1	06/08/2025 17:32	WG2533611
Potassium	2010		2000	1	06/08/2025 19:59	WG2533609
Selenium	ND		2.00	1	06/08/2025 19:59	WG2533609



Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Selenium,Dissolved	ND		2.00	1	06/08/2025 17:32	WG2533611
Silver	ND		2.00	1	06/08/2025 19:59	WG2533609
Silver,Dissolved	ND		2.00	1	06/08/2025 17:32	WG2533611
Sodium	15600		2000	1	06/08/2025 19:59	WG2533609
Thallium	ND		2.00	1	06/08/2025 19:59	WG2533609
Vanadium	ND		5.00	1	06/08/2025 19:59	WG2533609
Zinc	ND		25.0	1	06/08/2025 19:59	WG2533609
Zinc,Dissolved	ND		25.0	1	06/08/2025 17:32	WG2533611

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		100	1	06/08/2025 15:51	WG2533629
(S) a,a,a-Trifluorotoluene(FID)	97.5		78.0-120		06/08/2025 15:51	WG2533629

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	C3	50.0	1	06/08/2025 17:27	WG2533613
Acrolein	ND	C3	50.0	1	06/08/2025 17:27	WG2533613
Acrylonitrile	ND		10.0	1	06/08/2025 17:27	WG2533613
Benzene	ND		1.00	1	06/08/2025 17:27	WG2533613
Bromobenzene	ND		1.00	1	06/08/2025 17:27	WG2533613
Bromodichloromethane	ND		1.00	1	06/08/2025 17:27	WG2533613
Bromoform	ND		1.00	1	06/08/2025 17:27	WG2533613
Bromomethane	ND		5.00	1	06/08/2025 17:27	WG2533613
n-Butylbenzene	ND		1.00	1	06/08/2025 17:27	WG2533613
sec-Butylbenzene	ND		1.00	1	06/08/2025 17:27	WG2533613
tert-Butylbenzene	ND		1.00	1	06/08/2025 17:27	WG2533613
Carbon tetrachloride	ND		1.00	1	06/08/2025 17:27	WG2533613
Chlorobenzene	ND		1.00	1	06/08/2025 17:27	WG2533613
Chlorodibromomethane	ND		1.00	1	06/08/2025 17:27	WG2533613
Chloroethane	ND		5.00	1	06/08/2025 17:27	WG2533613
Chloroform	ND		5.00	1	06/08/2025 17:27	WG2533613
Chloromethane	ND		2.50	1	06/08/2025 17:27	WG2533613
2-Chlorotoluene	ND		1.00	1	06/08/2025 17:27	WG2533613
4-Chlorotoluene	ND		1.00	1	06/08/2025 17:27	WG2533613
1,2-Dibromo-3-Chloropropane	ND		5.00	1	06/08/2025 17:27	WG2533613
1,2-Dibromoethane	ND		1.00	1	06/08/2025 17:27	WG2533613
Dibromomethane	ND		1.00	1	06/08/2025 17:27	WG2533613
1,2-Dichlorobenzene	ND		1.00	1	06/08/2025 17:27	WG2533613
1,3-Dichlorobenzene	ND		1.00	1	06/08/2025 17:27	WG2533613
1,4-Dichlorobenzene	ND		1.00	1	06/08/2025 17:27	WG2533613
Dichlorodifluoromethane	ND		5.00	1	06/08/2025 17:27	WG2533613
1,1-Dichloroethane	ND		1.00	1	06/08/2025 17:27	WG2533613
1,2-Dichloroethane	ND		1.00	1	06/08/2025 17:27	WG2533613
1,1-Dichloroethene	ND		1.00	1	06/08/2025 17:27	WG2533613
cis-1,2-Dichloroethene	ND		1.00	1	06/08/2025 17:27	WG2533613
trans-1,2-Dichloroethene	ND		1.00	1	06/08/2025 17:27	WG2533613
1,2-Dichloropropane	ND		1.00	1	06/08/2025 17:27	WG2533613
1,1-Dichloropropene	ND		1.00	1	06/08/2025 17:27	WG2533613
1,3-Dichloropropane	ND		1.00	1	06/08/2025 17:27	WG2533613
cis-1,3-Dichloropropene	ND		1.00	1	06/08/2025 17:27	WG2533613
trans-1,3-Dichloropropene	ND		1.00	1	06/08/2025 17:27	WG2533613
2,2-Dichloropropane	ND		1.00	1	06/08/2025 17:27	WG2533613

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

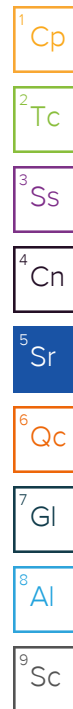
7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Di-isopropyl ether	ND		1.00	1	06/08/2025 17:27	WG2533613
Ethylbenzene	ND		1.00	1	06/08/2025 17:27	WG2533613
Hexachloro-1,3-butadiene	ND		1.00	1	06/08/2025 17:27	WG2533613
Isopropylbenzene	ND		1.00	1	06/08/2025 17:27	WG2533613
p-Isopropyltoluene	ND		1.00	1	06/08/2025 17:27	WG2533613
2-Butanone (MEK)	ND		10.0	1	06/08/2025 17:27	WG2533613
Methylene Chloride	ND		5.00	1	06/08/2025 17:27	WG2533613
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	06/08/2025 17:27	WG2533613
Methyl tert-butyl ether	ND		1.00	1	06/08/2025 17:27	WG2533613
Naphthalene	ND		5.00	1	06/08/2025 17:27	WG2533613
n-Propylbenzene	ND		1.00	1	06/08/2025 17:27	WG2533613
Styrene	ND		1.00	1	06/08/2025 17:27	WG2533613
1,1,1,2-Tetrachloroethane	ND		1.00	1	06/08/2025 17:27	WG2533613
1,1,2,2-Tetrachloroethane	ND		1.00	1	06/08/2025 17:27	WG2533613
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	06/08/2025 17:27	WG2533613
Tetrachloroethene	ND		1.00	1	06/08/2025 17:27	WG2533613
Toluene	ND		1.00	1	06/08/2025 17:27	WG2533613
1,2,3-Trichlorobenzene	ND		1.00	1	06/08/2025 17:27	WG2533613
1,2,4-Trichlorobenzene	ND		1.00	1	06/08/2025 17:27	WG2533613
1,1,1-Trichloroethane	ND		1.00	1	06/08/2025 17:27	WG2533613
1,1,2-Trichloroethane	ND		1.00	1	06/08/2025 17:27	WG2533613
Trichloroethene	ND		1.00	1	06/08/2025 17:27	WG2533613
Trichlorofluoromethane	ND		5.00	1	06/08/2025 17:27	WG2533613
1,2,3-Trichloropropane	ND		2.50	1	06/08/2025 17:27	WG2533613
1,2,4-Trimethylbenzene	ND		1.00	1	06/08/2025 17:27	WG2533613
1,2,3-Trimethylbenzene	ND		1.00	1	06/08/2025 17:27	WG2533613
1,3,5-Trimethylbenzene	ND		1.00	1	06/08/2025 17:27	WG2533613
Vinyl chloride	ND		1.00	1	06/08/2025 17:27	WG2533613
Xylenes, Total	ND		3.00	1	06/08/2025 17:27	WG2533613
(S) Toluene-d8	108		80.0-120		06/08/2025 17:27	WG2533613
(S) 4-Bromofluorobenzene	112		77.0-126		06/08/2025 17:27	WG2533613
(S) 1,2-Dichloroethane-d4	114		70.0-130		06/08/2025 17:27	WG2533613



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	109		100	1	06/09/2025 15:53	WG2533612
C28-C36 Motor Oil Range	ND		100	1	06/09/2025 15:53	WG2533612
(S) o-Terphenyl	104		52.0-156		06/09/2025 15:53	WG2533612

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	06/08/2025 23:14	WG2533578
Acenaphthylene	ND		1.00	1	06/08/2025 23:14	WG2533578
Anthracene	ND		1.00	1	06/08/2025 23:14	WG2533578
Benzidine	ND	C7	20.0	1	06/08/2025 23:14	WG2533578
Benzo(a)anthracene	ND		1.00	1	06/08/2025 23:14	WG2533578
Benzo(b)fluoranthene	ND		1.00	1	06/08/2025 23:14	WG2533578
Benzo(k)fluoranthene	ND		1.00	1	06/08/2025 23:14	WG2533578
Benzo(g,h,i)perylene	ND		1.00	1	06/08/2025 23:14	WG2533578
Benzo(a)pyrene	ND		1.00	1	06/08/2025 23:14	WG2533578
Bis(2-chlorethoxy)methane	ND		10.0	1	06/08/2025 23:14	WG2533578
Bis(2-chloroethyl)ether	ND		10.0	1	06/08/2025 23:14	WG2533578
2,2-Oxybis(1-Chloropropane)	ND		10.0	1	06/08/2025 23:14	WG2533578

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	06/08/2025 23:14	WG2533578
2-Chloronaphthalene	ND		1.00	1	06/08/2025 23:14	WG2533578
4-Chlorophenyl-phenylether	ND		10.0	1	06/08/2025 23:14	WG2533578
Chrysene	ND		1.00	1	06/08/2025 23:14	WG2533578
Dibenz(a,h)anthracene	ND		1.00	1	06/08/2025 23:14	WG2533578
1,2-Dichlorobenzene	ND		10.0	1	06/08/2025 23:14	WG2533578
1,3-Dichlorobenzene	ND		10.0	1	06/08/2025 23:14	WG2533578
1,4-Dichlorobenzene	ND		10.0	1	06/08/2025 23:14	WG2533578
3,3-Dichlorobenzidine	ND		10.0	1	06/08/2025 23:14	WG2533578
2,4-Dinitrotoluene	ND		10.0	1	06/08/2025 23:14	WG2533578
2,6-Dinitrotoluene	ND		10.0	1	06/08/2025 23:14	WG2533578
Fluoranthene	ND		1.00	1	06/08/2025 23:14	WG2533578
Fluorene	ND		1.00	1	06/08/2025 23:14	WG2533578
Hexachlorobenzene	ND		1.00	1	06/08/2025 23:14	WG2533578
Hexachloro-1,3-butadiene	ND		10.0	1	06/08/2025 23:14	WG2533578
Hexachlorocyclopentadiene	ND	C7	10.0	1	06/08/2025 23:14	WG2533578
Hexachloroethane	ND		10.0	1	06/08/2025 23:14	WG2533578
Indeno(1,2,3-cd)pyrene	ND		1.00	1	06/08/2025 23:14	WG2533578
Isophorone	ND		10.0	1	06/08/2025 23:14	WG2533578
1-Methylnaphthalene	ND		1.00	1	06/08/2025 23:14	WG2533578
2-Methylnaphthalene	ND		1.00	1	06/08/2025 23:14	WG2533578
Naphthalene	ND		1.00	1	06/08/2025 23:14	WG2533578
Nitrobenzene	ND		10.0	1	06/08/2025 23:14	WG2533578
n-Nitrosodimethylamine	ND		10.0	1	06/08/2025 23:14	WG2533578
n-Nitrosodiphenylamine	ND		10.0	1	06/08/2025 23:14	WG2533578
n-Nitrosodi-n-propylamine	ND		10.0	1	06/08/2025 23:14	WG2533578
Phenanthrene	ND		1.00	1	06/08/2025 23:14	WG2533578
Benzylbutyl phthalate	ND		3.00	1	06/08/2025 23:14	WG2533578
Bis(2-ethylhexyl)phthalate	ND		3.00	1	06/08/2025 23:14	WG2533578
Di-n-butyl phthalate	ND		3.00	1	06/08/2025 23:14	WG2533578
Diethyl phthalate	ND		3.00	1	06/08/2025 23:14	WG2533578
Dimethyl phthalate	ND		3.00	1	06/08/2025 23:14	WG2533578
Di-n-octyl phthalate	ND		3.00	1	06/08/2025 23:14	WG2533578
Pyrene	ND		1.00	1	06/08/2025 23:14	WG2533578
1,2,4-Trichlorobenzene	ND		10.0	1	06/08/2025 23:14	WG2533578
4-Chloro-3-methylphenol	ND		10.0	1	06/08/2025 23:14	WG2533578
2-Chlorophenol	ND		10.0	1	06/08/2025 23:14	WG2533578
2,4-Dichlorophenol	ND		10.0	1	06/08/2025 23:14	WG2533578
2,4-Dimethylphenol	ND		10.0	1	06/08/2025 23:14	WG2533578
4,6-Dinitro-2-methylphenol	ND		10.0	1	06/08/2025 23:14	WG2533578
2,4-Dinitrophenol	ND		10.0	1	06/08/2025 23:14	WG2533578
2-Nitrophenol	ND		10.0	1	06/08/2025 23:14	WG2533578
4-Nitrophenol	ND		10.0	1	06/08/2025 23:14	WG2533578
Pentachlorophenol	ND		10.0	1	06/08/2025 23:14	WG2533578
Phenol	ND		10.0	1	06/08/2025 23:14	WG2533578
2,4,6-Trichlorophenol	ND		10.0	1	06/08/2025 23:14	WG2533578
(S) 2-Fluorophenol	42.2		10.0-120		06/08/2025 23:14	WG2533578
(S) Phenol-d5	25.2		10.0-120		06/08/2025 23:14	WG2533578
(S) Nitrobenzene-d5	63.4		10.0-127		06/08/2025 23:14	WG2533578
(S) 2-Fluorobiphenyl	67.3		10.0-130		06/08/2025 23:14	WG2533578
(S) 2,4,6-Tribromophenol	71.5		10.0-155		06/08/2025 23:14	WG2533578
(S) p-Terphenyl-d14	65.5		10.0-128		06/08/2025 23:14	WG2533578

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	C3	50.0	1	06/08/2025 14:30	WG2533613
Acrolein	ND	C3	50.0	1	06/08/2025 14:30	WG2533613
Acrylonitrile	ND		10.0	1	06/08/2025 14:30	WG2533613
Benzene	ND		1.00	1	06/08/2025 14:30	WG2533613
Bromobenzene	ND		1.00	1	06/08/2025 14:30	WG2533613
Bromodichloromethane	ND		1.00	1	06/08/2025 14:30	WG2533613
Bromoform	ND		1.00	1	06/08/2025 14:30	WG2533613
Bromomethane	ND		5.00	1	06/08/2025 14:30	WG2533613
n-Butylbenzene	ND		1.00	1	06/08/2025 14:30	WG2533613
sec-Butylbenzene	ND		1.00	1	06/08/2025 14:30	WG2533613
tert-Butylbenzene	ND		1.00	1	06/08/2025 14:30	WG2533613
Carbon tetrachloride	ND		1.00	1	06/08/2025 14:30	WG2533613
Chlorobenzene	ND		1.00	1	06/08/2025 14:30	WG2533613
Chlorodibromomethane	ND		1.00	1	06/08/2025 14:30	WG2533613
Chloroethane	ND		5.00	1	06/08/2025 14:30	WG2533613
Chloroform	ND		5.00	1	06/08/2025 14:30	WG2533613
Chloromethane	ND		2.50	1	06/08/2025 14:30	WG2533613
2-Chlorotoluene	ND		1.00	1	06/08/2025 14:30	WG2533613
4-Chlorotoluene	ND		1.00	1	06/08/2025 14:30	WG2533613
1,2-Dibromo-3-Chloropropane	ND		5.00	1	06/08/2025 14:30	WG2533613
1,2-Dibromoethane	ND		1.00	1	06/08/2025 14:30	WG2533613
Dibromomethane	ND		1.00	1	06/08/2025 14:30	WG2533613
1,2-Dichlorobenzene	ND		1.00	1	06/08/2025 14:30	WG2533613
1,3-Dichlorobenzene	ND		1.00	1	06/08/2025 14:30	WG2533613
1,4-Dichlorobenzene	ND		1.00	1	06/08/2025 14:30	WG2533613
Dichlorodifluoromethane	ND		5.00	1	06/08/2025 14:30	WG2533613
1,1-Dichloroethane	ND		1.00	1	06/08/2025 14:30	WG2533613
1,2-Dichloroethane	ND		1.00	1	06/08/2025 14:30	WG2533613
1,1-Dichloroethene	ND		1.00	1	06/08/2025 14:30	WG2533613
cis-1,2-Dichloroethene	ND		1.00	1	06/08/2025 14:30	WG2533613
trans-1,2-Dichloroethene	ND		1.00	1	06/08/2025 14:30	WG2533613
1,2-Dichloropropane	ND		1.00	1	06/08/2025 14:30	WG2533613
1,1-Dichloropropene	ND		1.00	1	06/08/2025 14:30	WG2533613
1,3-Dichloropropane	ND		1.00	1	06/08/2025 14:30	WG2533613
cis-1,3-Dichloropropene	ND		1.00	1	06/08/2025 14:30	WG2533613
trans-1,3-Dichloropropene	ND		1.00	1	06/08/2025 14:30	WG2533613
2,2-Dichloropropane	ND		1.00	1	06/08/2025 14:30	WG2533613
Di-isopropyl ether	ND		1.00	1	06/08/2025 14:30	WG2533613
Ethylbenzene	ND		1.00	1	06/08/2025 14:30	WG2533613
Hexachloro-1,3-butadiene	ND		1.00	1	06/08/2025 14:30	WG2533613
Isopropylbenzene	ND		1.00	1	06/08/2025 14:30	WG2533613
p-Isopropyltoluene	ND		1.00	1	06/08/2025 14:30	WG2533613
2-Butanone (MEK)	ND		10.0	1	06/08/2025 14:30	WG2533613
Methylene Chloride	ND		5.00	1	06/08/2025 14:30	WG2533613
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	06/08/2025 14:30	WG2533613
Methyl tert-butyl ether	ND		1.00	1	06/08/2025 14:30	WG2533613
Naphthalene	ND		5.00	1	06/08/2025 14:30	WG2533613
n-Propylbenzene	ND		1.00	1	06/08/2025 14:30	WG2533613
Styrene	ND		1.00	1	06/08/2025 14:30	WG2533613
1,1,1,2-Tetrachloroethane	ND		1.00	1	06/08/2025 14:30	WG2533613
1,1,2,2-Tetrachloroethane	ND		1.00	1	06/08/2025 14:30	WG2533613
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	06/08/2025 14:30	WG2533613
Tetrachloroethene	ND		1.00	1	06/08/2025 14:30	WG2533613
Toluene	ND		1.00	1	06/08/2025 14:30	WG2533613
1,2,3-Trichlorobenzene	ND		1.00	1	06/08/2025 14:30	WG2533613
1,2,4-Trichlorobenzene	ND		1.00	1	06/08/2025 14:30	WG2533613

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		1.00	1	06/08/2025 14:30	WG2533613
1,1,2-Trichloroethane	ND		1.00	1	06/08/2025 14:30	WG2533613
Trichloroethene	ND		1.00	1	06/08/2025 14:30	WG2533613
Trichlorofluoromethane	ND		5.00	1	06/08/2025 14:30	WG2533613
1,2,3-Trichloropropane	ND		2.50	1	06/08/2025 14:30	WG2533613
1,2,4-Trimethylbenzene	ND		1.00	1	06/08/2025 14:30	WG2533613
1,2,3-Trimethylbenzene	ND		1.00	1	06/08/2025 14:30	WG2533613
1,3,5-Trimethylbenzene	ND		1.00	1	06/08/2025 14:30	WG2533613
Vinyl chloride	ND		1.00	1	06/08/2025 14:30	WG2533613
Xylenes, Total	ND		3.00	1	06/08/2025 14:30	WG2533613
(S) Toluene-d8	87.4		80.0-120		06/08/2025 14:30	WG2533613
(S) 4-Bromofluorobenzene	84.8		77.0-126		06/08/2025 14:30	WG2533613
(S) 1,2-Dichloroethane-d4	105		70.0-130		06/08/2025 14:30	WG2533613

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Calculated Results

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Total Nitrogen	868		100	1	06/13/2025 11:00	WG2536650

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Dissolved Solids	206000		10000	1	06/08/2025 14:06	WG2533534

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Suspended Solids	106000		14700	1	06/08/2025 15:24	WG2533563

Wet Chemistry by Method 130.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Hardness (colorimetric) as CaCO3	134000		30000	1	06/09/2025 23:02	WG2533627

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Alkalinity	67500		20000	1	06/08/2025 13:52	WG2533622
Alkalinity,Bicarbonate	67500		20000	1	06/08/2025 13:52	WG2533622
Alkalinity,Carbonate	ND		20000	1	06/08/2025 13:52	WG2533622

Sample Narrative:

L1867555-11 WG2533622: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Bromide	ND		1000	1	06/09/2025 13:00	WG2533567
Chloride	8920		1000	1	06/09/2025 13:00	WG2533567
Fluoride	259		150	1	06/09/2025 13:00	WG2533567
Nitrate as (N)	334		100	1	06/08/2025 17:35	WG2533567
Nitrite as (N)	ND	Q	100	1	06/09/2025 13:00	WG2533567
Sulfate	69400		5000	1	06/09/2025 13:00	WG2533567

Wet Chemistry by Method 350.1

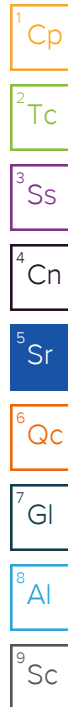
Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		100	1	06/08/2025 19:56	WG2533726

Wet Chemistry by Method 351.2

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	534		250	1	06/13/2025 11:00	WG2536650

Wet Chemistry by Method 365.4

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Phosphorus,Total	204		100	1	06/11/2025 15:41	WG2536181



Wet Chemistry by Method 5310 B-2014

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	4570		1000	1	06/08/2025 15:24	WG2533581

Wet Chemistry by Method 5540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
MBAS	ND		100	1	06/08/2025 17:27	WG2533675

Wet Chemistry by Method 7199

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.500	1	06/09/2025 17:03	WG2533804

Wet Chemistry by Method 9040C

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
pH	8.05	T8	1	06/08/2025 13:01	WG2533638

Sample Narrative:

L1867555-11 WG2533638: 8.05 at 22.5C

Mercury by Method 7470A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Mercury	ND		0.200	1	06/08/2025 15:29	WG2533594

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Aluminum	884		100	1	06/08/2025 20:03	WG2533609
Aluminum,Dissolved	ND		100	1	06/08/2025 17:35	WG2533611
Antimony	ND		4.00	1	06/08/2025 20:03	WG2533609
Arsenic	ND		2.00	1	06/08/2025 20:03	WG2533609
Arsenic,Dissolved	ND		2.00	1	06/08/2025 17:35	WG2533611
Barium	34.3		2.00	1	06/08/2025 20:03	WG2533609
Beryllium	ND		2.00	1	06/08/2025 20:03	WG2533609
Boron	40.5		30.0	1	06/08/2025 20:03	WG2533609
Cadmium	ND		1.00	1	06/08/2025 20:03	WG2533609
Cadmium,Dissolved	ND		1.00	1	06/08/2025 17:35	WG2533611
Calcium	34300		1000	1	06/08/2025 20:03	WG2533609
Chromium	ND		2.00	1	06/08/2025 20:03	WG2533609
Chromium,Dissolved	ND		2.00	1	06/08/2025 17:35	WG2533611
Copper	ND		5.00	1	06/08/2025 20:03	WG2533609
Copper,Dissolved	ND		5.00	1	06/08/2025 17:35	WG2533611
Cobalt	ND		2.00	1	06/08/2025 20:03	WG2533609
Iron	606		100	1	06/08/2025 20:03	WG2533609
Lead	ND		2.00	1	06/08/2025 20:03	WG2533609
Lead,Dissolved	ND		2.00	1	06/08/2025 17:35	WG2533611
Magnesium	11400		1000	1	06/08/2025 20:03	WG2533609
Manganese	53.2		5.00	1	06/08/2025 20:03	WG2533609
Manganese,Dissolved	ND		5.00	1	06/08/2025 17:35	WG2533611
Nickel	ND		2.00	1	06/08/2025 20:03	WG2533609
Nickel,Dissolved	ND		2.00	1	06/08/2025 17:35	WG2533611
Potassium	ND		2000	1	06/08/2025 20:03	WG2533609
Selenium	ND		2.00	1	06/08/2025 20:03	WG2533609

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Selenium,Dissolved	ND		2.00	1	06/08/2025 17:35	WG2533611
Silver	ND		2.00	1	06/08/2025 20:03	WG2533609
Silver,Dissolved	ND		2.00	1	06/08/2025 17:35	WG2533611
Sodium	14300		2000	1	06/08/2025 20:03	WG2533609
Thallium	ND		2.00	1	06/08/2025 20:03	WG2533609
Vanadium	ND		5.00	1	06/08/2025 20:03	WG2533609
Zinc	ND		25.0	1	06/08/2025 20:03	WG2533609
Zinc,Dissolved	ND		25.0	1	06/08/2025 17:35	WG2533611

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		100	1	06/08/2025 16:12	WG2533629
(S) a,a,a-Trifluorotoluene(FID)	95.4		78.0-120		06/08/2025 16:12	WG2533629

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	C3	50.0	1	06/08/2025 17:47	WG2533613
Acrolein	ND	C3	50.0	1	06/08/2025 17:47	WG2533613
Acrylonitrile	ND		10.0	1	06/08/2025 17:47	WG2533613
Benzene	ND		1.00	1	06/08/2025 17:47	WG2533613
Bromobenzene	ND		1.00	1	06/08/2025 17:47	WG2533613
Bromodichloromethane	ND		1.00	1	06/08/2025 17:47	WG2533613
Bromoform	ND		1.00	1	06/08/2025 17:47	WG2533613
Bromomethane	ND		5.00	1	06/08/2025 17:47	WG2533613
n-Butylbenzene	ND		1.00	1	06/08/2025 17:47	WG2533613
sec-Butylbenzene	ND		1.00	1	06/08/2025 17:47	WG2533613
tert-Butylbenzene	ND		1.00	1	06/08/2025 17:47	WG2533613
Carbon tetrachloride	ND		1.00	1	06/08/2025 17:47	WG2533613
Chlorobenzene	ND		1.00	1	06/08/2025 17:47	WG2533613
Chlorodibromomethane	ND		1.00	1	06/08/2025 17:47	WG2533613
Chloroethane	ND		5.00	1	06/08/2025 17:47	WG2533613
Chloroform	ND		5.00	1	06/08/2025 17:47	WG2533613
Chloromethane	ND		2.50	1	06/08/2025 17:47	WG2533613
2-Chlorotoluene	ND		1.00	1	06/08/2025 17:47	WG2533613
4-Chlorotoluene	ND		1.00	1	06/08/2025 17:47	WG2533613
1,2-Dibromo-3-Chloropropane	ND		5.00	1	06/08/2025 17:47	WG2533613
1,2-Dibromoethane	ND		1.00	1	06/08/2025 17:47	WG2533613
Dibromomethane	ND		1.00	1	06/08/2025 17:47	WG2533613
1,2-Dichlorobenzene	ND		1.00	1	06/08/2025 17:47	WG2533613
1,3-Dichlorobenzene	ND		1.00	1	06/08/2025 17:47	WG2533613
1,4-Dichlorobenzene	ND		1.00	1	06/08/2025 17:47	WG2533613
Dichlorodifluoromethane	ND		5.00	1	06/08/2025 17:47	WG2533613
1,1-Dichloroethane	ND		1.00	1	06/08/2025 17:47	WG2533613
1,2-Dichloroethane	ND		1.00	1	06/08/2025 17:47	WG2533613
1,1-Dichloroethene	ND		1.00	1	06/08/2025 17:47	WG2533613
cis-1,2-Dichloroethene	ND		1.00	1	06/08/2025 17:47	WG2533613
trans-1,2-Dichloroethene	ND		1.00	1	06/08/2025 17:47	WG2533613
1,2-Dichloropropane	ND		1.00	1	06/08/2025 17:47	WG2533613
1,1-Dichloropropene	ND		1.00	1	06/08/2025 17:47	WG2533613
1,3-Dichloropropane	ND		1.00	1	06/08/2025 17:47	WG2533613
cis-1,3-Dichloropropene	ND		1.00	1	06/08/2025 17:47	WG2533613
trans-1,3-Dichloropropene	ND		1.00	1	06/08/2025 17:47	WG2533613
2,2-Dichloropropane	ND		1.00	1	06/08/2025 17:47	WG2533613

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

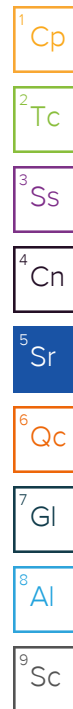
7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Di-isopropyl ether	ND		1.00	1	06/08/2025 17:47	WG2533613
Ethylbenzene	ND		1.00	1	06/08/2025 17:47	WG2533613
Hexachloro-1,3-butadiene	ND		1.00	1	06/08/2025 17:47	WG2533613
Isopropylbenzene	ND		1.00	1	06/08/2025 17:47	WG2533613
p-Isopropyltoluene	ND		1.00	1	06/08/2025 17:47	WG2533613
2-Butanone (MEK)	ND		10.0	1	06/08/2025 17:47	WG2533613
Methylene Chloride	ND		5.00	1	06/08/2025 17:47	WG2533613
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	06/08/2025 17:47	WG2533613
Methyl tert-butyl ether	ND		1.00	1	06/08/2025 17:47	WG2533613
Naphthalene	ND		5.00	1	06/08/2025 17:47	WG2533613
n-Propylbenzene	ND		1.00	1	06/08/2025 17:47	WG2533613
Styrene	ND		1.00	1	06/08/2025 17:47	WG2533613
1,1,1,2-Tetrachloroethane	ND		1.00	1	06/08/2025 17:47	WG2533613
1,1,2,2-Tetrachloroethane	ND		1.00	1	06/08/2025 17:47	WG2533613
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	06/08/2025 17:47	WG2533613
Tetrachloroethene	ND		1.00	1	06/08/2025 17:47	WG2533613
Toluene	ND		1.00	1	06/08/2025 17:47	WG2533613
1,2,3-Trichlorobenzene	ND		1.00	1	06/08/2025 17:47	WG2533613
1,2,4-Trichlorobenzene	ND		1.00	1	06/08/2025 17:47	WG2533613
1,1,1-Trichloroethane	ND		1.00	1	06/08/2025 17:47	WG2533613
1,1,2-Trichloroethane	ND		1.00	1	06/08/2025 17:47	WG2533613
Trichloroethene	ND		1.00	1	06/08/2025 17:47	WG2533613
Trichlorofluoromethane	ND		5.00	1	06/08/2025 17:47	WG2533613
1,2,3-Trichloropropane	ND		2.50	1	06/08/2025 17:47	WG2533613
1,2,4-Trimethylbenzene	ND		1.00	1	06/08/2025 17:47	WG2533613
1,2,3-Trimethylbenzene	ND		1.00	1	06/08/2025 17:47	WG2533613
1,3,5-Trimethylbenzene	ND		1.00	1	06/08/2025 17:47	WG2533613
Vinyl chloride	ND		1.00	1	06/08/2025 17:47	WG2533613
Xylenes, Total	ND		3.00	1	06/08/2025 17:47	WG2533613
(S) Toluene-d8	99.2		80.0-120		06/08/2025 17:47	WG2533613
(S) 4-Bromofluorobenzene	93.9		77.0-126		06/08/2025 17:47	WG2533613
(S) 1,2-Dichloroethane-d4	107		70.0-130		06/08/2025 17:47	WG2533613



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

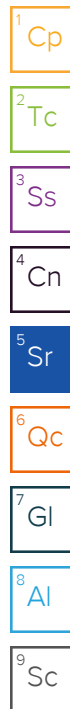
Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	110		100	1	06/09/2025 16:15	WG2533612
C28-C36 Motor Oil Range	ND		100	1	06/09/2025 16:15	WG2533612
(S) o-Terphenyl	107		52.0-156		06/09/2025 16:15	WG2533612

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	06/08/2025 23:35	WG2533578
Acenaphthylene	ND		1.00	1	06/08/2025 23:35	WG2533578
Anthracene	ND		1.00	1	06/08/2025 23:35	WG2533578
Benzidine	ND	C7	20.0	1	06/08/2025 23:35	WG2533578
Benzo(a)anthracene	ND		1.00	1	06/08/2025 23:35	WG2533578
Benzo(b)fluoranthene	ND		1.00	1	06/08/2025 23:35	WG2533578
Benzo(k)fluoranthene	ND		1.00	1	06/08/2025 23:35	WG2533578
Benzo(g,h,i)perylene	ND		1.00	1	06/08/2025 23:35	WG2533578
Benzo(a)pyrene	ND		1.00	1	06/08/2025 23:35	WG2533578
Bis(2-chlorethoxy)methane	ND		10.0	1	06/08/2025 23:35	WG2533578
Bis(2-chloroethyl)ether	ND		10.0	1	06/08/2025 23:35	WG2533578
2,2-Oxybis(1-Chloropropane)	ND		10.0	1	06/08/2025 23:35	WG2533578

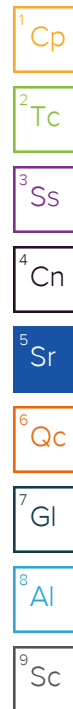
Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
4-Bromophenyl-phenylether	ND		10.0	1	06/08/2025 23:35	WG2533578
2-Chloronaphthalene	ND		1.00	1	06/08/2025 23:35	WG2533578
4-Chlorophenyl-phenylether	ND		10.0	1	06/08/2025 23:35	WG2533578
Chrysene	ND		1.00	1	06/08/2025 23:35	WG2533578
Dibenz(a,h)anthracene	ND		1.00	1	06/08/2025 23:35	WG2533578
1,2-Dichlorobenzene	ND		10.0	1	06/08/2025 23:35	WG2533578
1,3-Dichlorobenzene	ND		10.0	1	06/08/2025 23:35	WG2533578
1,4-Dichlorobenzene	ND		10.0	1	06/08/2025 23:35	WG2533578
3,3-Dichlorobenzidine	ND		10.0	1	06/08/2025 23:35	WG2533578
2,4-Dinitrotoluene	ND		10.0	1	06/08/2025 23:35	WG2533578
2,6-Dinitrotoluene	ND		10.0	1	06/08/2025 23:35	WG2533578
Fluoranthene	ND		1.00	1	06/08/2025 23:35	WG2533578
Fluorene	ND		1.00	1	06/08/2025 23:35	WG2533578
Hexachlorobenzene	ND		1.00	1	06/08/2025 23:35	WG2533578
Hexachloro-1,3-butadiene	ND		10.0	1	06/08/2025 23:35	WG2533578
Hexachlorocyclopentadiene	ND	C7	10.0	1	06/08/2025 23:35	WG2533578
Hexachloroethane	ND		10.0	1	06/08/2025 23:35	WG2533578
Indeno(1,2,3-cd)pyrene	ND		1.00	1	06/08/2025 23:35	WG2533578
Isophorone	ND		10.0	1	06/08/2025 23:35	WG2533578
1-Methylnaphthalene	ND		1.00	1	06/08/2025 23:35	WG2533578
2-Methylnaphthalene	ND		1.00	1	06/08/2025 23:35	WG2533578
Naphthalene	ND		1.00	1	06/08/2025 23:35	WG2533578
Nitrobenzene	ND		10.0	1	06/08/2025 23:35	WG2533578
n-Nitrosodimethylamine	ND		10.0	1	06/08/2025 23:35	WG2533578
n-Nitrosodiphenylamine	ND		10.0	1	06/08/2025 23:35	WG2533578
n-Nitrosodi-n-propylamine	ND		10.0	1	06/08/2025 23:35	WG2533578
Phenanthrene	ND		1.00	1	06/08/2025 23:35	WG2533578
Benzylbutyl phthalate	ND		3.00	1	06/08/2025 23:35	WG2533578
Bis(2-ethylhexyl)phthalate	ND		3.00	1	06/08/2025 23:35	WG2533578
Di-n-butyl phthalate	ND		3.00	1	06/08/2025 23:35	WG2533578
Diethyl phthalate	ND		3.00	1	06/08/2025 23:35	WG2533578
Dimethyl phthalate	ND		3.00	1	06/08/2025 23:35	WG2533578
Di-n-octyl phthalate	ND		3.00	1	06/08/2025 23:35	WG2533578
Pyrene	ND		1.00	1	06/08/2025 23:35	WG2533578
1,2,4-Trichlorobenzene	ND		10.0	1	06/08/2025 23:35	WG2533578
4-Chloro-3-methylphenol	ND		10.0	1	06/08/2025 23:35	WG2533578
2-Chlorophenol	ND		10.0	1	06/08/2025 23:35	WG2533578
2,4-Dichlorophenol	ND		10.0	1	06/08/2025 23:35	WG2533578
2,4-Dimethylphenol	ND		10.0	1	06/08/2025 23:35	WG2533578
4,6-Dinitro-2-methylphenol	ND		10.0	1	06/08/2025 23:35	WG2533578
2,4-Dinitrophenol	ND		10.0	1	06/08/2025 23:35	WG2533578
2-Nitrophenol	ND		10.0	1	06/08/2025 23:35	WG2533578
4-Nitrophenol	ND		10.0	1	06/08/2025 23:35	WG2533578
Pentachlorophenol	ND		10.0	1	06/08/2025 23:35	WG2533578
Phenol	ND		10.0	1	06/08/2025 23:35	WG2533578
2,4,6-Trichlorophenol	ND		10.0	1	06/08/2025 23:35	WG2533578
(S) 2-Fluorophenol	44.4		10.0-120		06/08/2025 23:35	WG2533578
(S) Phenol-d5	25.1		10.0-120		06/08/2025 23:35	WG2533578
(S) Nitrobenzene-d5	65.3		10.0-127		06/08/2025 23:35	WG2533578
(S) 2-Fluorobiphenyl	72.1		10.0-130		06/08/2025 23:35	WG2533578
(S) 2,4,6-Tribromophenol	78.0		10.0-155		06/08/2025 23:35	WG2533578
(S) p-Terphenyl-d14	73.6		10.0-128		06/08/2025 23:35	WG2533578



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	C3	50.0	1	06/08/2025 14:50	WG2533613
Acrolein	ND	C3	50.0	1	06/08/2025 14:50	WG2533613
Acrylonitrile	ND		10.0	1	06/08/2025 14:50	WG2533613
Benzene	ND		1.00	1	06/08/2025 14:50	WG2533613
Bromobenzene	ND		1.00	1	06/08/2025 14:50	WG2533613
Bromodichloromethane	ND		1.00	1	06/08/2025 14:50	WG2533613
Bromoform	ND		1.00	1	06/08/2025 14:50	WG2533613
Bromomethane	ND		5.00	1	06/08/2025 14:50	WG2533613
n-Butylbenzene	ND		1.00	1	06/08/2025 14:50	WG2533613
sec-Butylbenzene	ND		1.00	1	06/08/2025 14:50	WG2533613
tert-Butylbenzene	ND		1.00	1	06/08/2025 14:50	WG2533613
Carbon tetrachloride	ND		1.00	1	06/08/2025 14:50	WG2533613
Chlorobenzene	ND		1.00	1	06/08/2025 14:50	WG2533613
Chlorodibromomethane	ND		1.00	1	06/08/2025 14:50	WG2533613
Chloroethane	ND		5.00	1	06/08/2025 14:50	WG2533613
Chloroform	ND		5.00	1	06/08/2025 14:50	WG2533613
Chloromethane	ND		2.50	1	06/08/2025 14:50	WG2533613
2-Chlorotoluene	ND		1.00	1	06/08/2025 14:50	WG2533613
4-Chlorotoluene	ND		1.00	1	06/08/2025 14:50	WG2533613
1,2-Dibromo-3-Chloropropane	ND		5.00	1	06/08/2025 14:50	WG2533613
1,2-Dibromoethane	ND		1.00	1	06/08/2025 14:50	WG2533613
Dibromomethane	ND		1.00	1	06/08/2025 14:50	WG2533613
1,2-Dichlorobenzene	ND		1.00	1	06/08/2025 14:50	WG2533613
1,3-Dichlorobenzene	ND		1.00	1	06/08/2025 14:50	WG2533613
1,4-Dichlorobenzene	ND		1.00	1	06/08/2025 14:50	WG2533613
Dichlorodifluoromethane	ND		5.00	1	06/08/2025 14:50	WG2533613
1,1-Dichloroethane	ND		1.00	1	06/08/2025 14:50	WG2533613
1,2-Dichloroethane	ND		1.00	1	06/08/2025 14:50	WG2533613
1,1-Dichloroethene	ND		1.00	1	06/08/2025 14:50	WG2533613
cis-1,2-Dichloroethene	ND		1.00	1	06/08/2025 14:50	WG2533613
trans-1,2-Dichloroethene	ND		1.00	1	06/08/2025 14:50	WG2533613
1,2-Dichloropropane	ND		1.00	1	06/08/2025 14:50	WG2533613
1,1-Dichloropropene	ND		1.00	1	06/08/2025 14:50	WG2533613
1,3-Dichloropropane	ND		1.00	1	06/08/2025 14:50	WG2533613
cis-1,3-Dichloropropene	ND		1.00	1	06/08/2025 14:50	WG2533613
trans-1,3-Dichloropropene	ND		1.00	1	06/08/2025 14:50	WG2533613
2,2-Dichloropropane	ND		1.00	1	06/08/2025 14:50	WG2533613
Di-isopropyl ether	ND		1.00	1	06/08/2025 14:50	WG2533613
Ethylbenzene	ND		1.00	1	06/08/2025 14:50	WG2533613
Hexachloro-1,3-butadiene	ND		1.00	1	06/08/2025 14:50	WG2533613
Isopropylbenzene	ND		1.00	1	06/08/2025 14:50	WG2533613
p-Isopropyltoluene	ND		1.00	1	06/08/2025 14:50	WG2533613
2-Butanone (MEK)	ND		10.0	1	06/08/2025 14:50	WG2533613
Methylene Chloride	ND		5.00	1	06/08/2025 14:50	WG2533613
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	06/08/2025 14:50	WG2533613
Methyl tert-butyl ether	ND		1.00	1	06/08/2025 14:50	WG2533613
Naphthalene	ND		5.00	1	06/08/2025 14:50	WG2533613
n-Propylbenzene	ND		1.00	1	06/08/2025 14:50	WG2533613
Styrene	ND		1.00	1	06/08/2025 14:50	WG2533613
1,1,1,2-Tetrachloroethane	ND		1.00	1	06/08/2025 14:50	WG2533613
1,1,2,2-Tetrachloroethane	ND		1.00	1	06/08/2025 14:50	WG2533613
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	06/08/2025 14:50	WG2533613
Tetrachloroethene	ND		1.00	1	06/08/2025 14:50	WG2533613
Toluene	ND		1.00	1	06/08/2025 14:50	WG2533613
1,2,3-Trichlorobenzene	ND		1.00	1	06/08/2025 14:50	WG2533613
1,2,4-Trichlorobenzene	ND		1.00	1	06/08/2025 14:50	WG2533613



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	06/08/2025 14:50	WG2533613
1,1,2-Trichloroethane	ND		1.00	1	06/08/2025 14:50	WG2533613
Trichloroethene	ND		1.00	1	06/08/2025 14:50	WG2533613
Trichlorofluoromethane	ND		5.00	1	06/08/2025 14:50	WG2533613
1,2,3-Trichloropropane	ND		2.50	1	06/08/2025 14:50	WG2533613
1,2,4-Trimethylbenzene	ND		1.00	1	06/08/2025 14:50	WG2533613
1,2,3-Trimethylbenzene	ND		1.00	1	06/08/2025 14:50	WG2533613
1,3,5-Trimethylbenzene	ND		1.00	1	06/08/2025 14:50	WG2533613
Vinyl chloride	ND		1.00	1	06/08/2025 14:50	WG2533613
Xylenes, Total	ND		3.00	1	06/08/2025 14:50	WG2533613
(S) Toluene-d8	104		80.0-120		06/08/2025 14:50	WG2533613
(S) 4-Bromofluorobenzene	89.3		77.0-126		06/08/2025 14:50	WG2533613
(S) 1,2-Dichloroethane-d4	109		70.0-130		06/08/2025 14:50	WG2533613

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Calculated Results

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Total Nitrogen	791		100	1	06/13/2025 11:02	WG2536650

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Dissolved Solids	212000		10000	1	06/08/2025 14:06	WG2533534

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Suspended Solids	128000		16100	1	06/08/2025 15:24	WG2533563

Wet Chemistry by Method 130.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Hardness (colorimetric) as CaCO3	137000		30000	1	06/09/2025 23:03	WG2533627

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Alkalinity	68400		20000	1	06/08/2025 13:58	WG2533622
Alkalinity,Bicarbonate	68400		20000	1	06/08/2025 13:58	WG2533622
Alkalinity,Carbonate	ND		20000	1	06/08/2025 13:58	WG2533622

Sample Narrative:

L1867555-13 WG2533622: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Bromide	ND		1000	1	06/09/2025 13:13	WG2533567
Chloride	8910		1000	1	06/09/2025 13:13	WG2533567
Fluoride	256		150	1	06/09/2025 13:13	WG2533567
Nitrate as (N)	333		100	1	06/08/2025 17:49	WG2533567
Nitrite as (N)	ND	Q	100	1	06/09/2025 13:13	WG2533567
Sulfate	68500		5000	1	06/09/2025 13:13	WG2533567

Wet Chemistry by Method 350.1

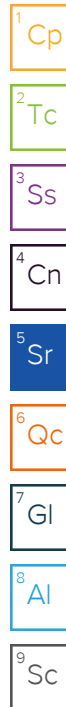
Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		100	1	06/08/2025 19:57	WG2533726

Wet Chemistry by Method 351.2

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	458		250	1	06/13/2025 11:02	WG2536650

Wet Chemistry by Method 365.4

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Phosphorus,Total	197		100	1	06/11/2025 15:43	WG2536181



Wet Chemistry by Method 5310 B-2014

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	4540		1000	1	06/08/2025 15:55	WG2533581

Wet Chemistry by Method 5540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
MBAS	ND		100	1	06/08/2025 17:28	WG2533675

Wet Chemistry by Method 7199

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.500	1	06/09/2025 17:33	WG2533804

Wet Chemistry by Method 9040C

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
pH	8.04	T8	1	06/08/2025 13:01	WG2533638

Sample Narrative:

L1867555-13 WG2533638: 8.04 at 22.7C

Mercury by Method 7470A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Mercury	ND		0.200	1	06/08/2025 15:32	WG2533594

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Aluminum	955		100	1	06/08/2025 20:06	WG2533609
Aluminum,Dissolved	ND		100	1	06/08/2025 17:38	WG2533611
Antimony	ND		4.00	1	06/08/2025 20:06	WG2533609
Arsenic	ND		2.00	1	06/08/2025 20:06	WG2533609
Arsenic,Dissolved	ND		2.00	1	06/08/2025 17:38	WG2533611
Barium	36.8		2.00	1	06/08/2025 20:06	WG2533609
Beryllium	ND		2.00	1	06/08/2025 20:06	WG2533609
Boron	39.5		30.0	1	06/08/2025 20:06	WG2533609
Cadmium	ND		1.00	1	06/08/2025 20:06	WG2533609
Cadmium,Dissolved	ND		1.00	1	06/08/2025 17:38	WG2533611
Calcium	34900		1000	1	06/08/2025 20:06	WG2533609
Chromium	ND		2.00	1	06/08/2025 20:06	WG2533609
Chromium,Dissolved	ND		2.00	1	06/08/2025 17:38	WG2533611
Copper	ND		5.00	1	06/08/2025 20:06	WG2533609
Copper,Dissolved	ND		5.00	1	06/08/2025 17:38	WG2533611
Cobalt	ND		2.00	1	06/08/2025 20:06	WG2533609
Iron	670		100	1	06/08/2025 20:06	WG2533609
Lead	2.17		2.00	1	06/08/2025 20:06	WG2533609
Lead,Dissolved	ND		2.00	1	06/08/2025 17:38	WG2533611
Magnesium	11500		1000	1	06/08/2025 20:06	WG2533609
Manganese	63.4		5.00	1	06/08/2025 20:06	WG2533609
Manganese,Dissolved	ND		5.00	1	06/08/2025 17:38	WG2533611
Nickel	ND		2.00	1	06/08/2025 20:06	WG2533609
Nickel,Dissolved	ND		2.00	1	06/08/2025 17:38	WG2533611
Potassium	ND		2000	1	06/08/2025 20:06	WG2533609
Selenium	ND		2.00	1	06/08/2025 20:06	WG2533609

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Metals (ICPMS) by Method 6020B

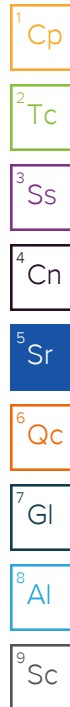
Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Selenium,Dissolved	ND		2.00	1	06/08/2025 17:38	WG2533611
Silver	ND		2.00	1	06/08/2025 20:06	WG2533609
Silver,Dissolved	ND		2.00	1	06/08/2025 17:38	WG2533611
Sodium	14600		2000	1	06/08/2025 20:06	WG2533609
Thallium	ND		2.00	1	06/08/2025 20:06	WG2533609
Vanadium	ND		5.00	1	06/08/2025 20:06	WG2533609
Zinc	ND		25.0	1	06/08/2025 20:06	WG2533609
Zinc,Dissolved	ND		25.0	1	06/08/2025 17:38	WG2533611

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		100	1	06/08/2025 16:34	WG2533629
(S) a,a,a-Trifluorotoluene(FID)	96.7		78.0-120		06/08/2025 16:34	WG2533629

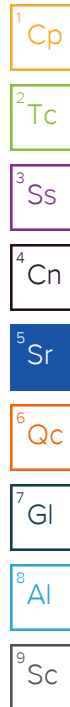
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	C3	50.0	1	06/08/2025 18:07	WG2533613
Acrolein	ND	C3	50.0	1	06/08/2025 18:07	WG2533613
Acrylonitrile	ND		10.0	1	06/08/2025 18:07	WG2533613
Benzene	ND		1.00	1	06/08/2025 18:07	WG2533613
Bromobenzene	ND		1.00	1	06/08/2025 18:07	WG2533613
Bromodichloromethane	ND		1.00	1	06/08/2025 18:07	WG2533613
Bromoform	ND		1.00	1	06/08/2025 18:07	WG2533613
Bromomethane	ND		5.00	1	06/08/2025 18:07	WG2533613
n-Butylbenzene	ND		1.00	1	06/08/2025 18:07	WG2533613
sec-Butylbenzene	ND		1.00	1	06/08/2025 18:07	WG2533613
tert-Butylbenzene	ND		1.00	1	06/08/2025 18:07	WG2533613
Carbon tetrachloride	ND		1.00	1	06/08/2025 18:07	WG2533613
Chlorobenzene	ND		1.00	1	06/08/2025 18:07	WG2533613
Chlorodibromomethane	ND		1.00	1	06/08/2025 18:07	WG2533613
Chloroethane	ND		5.00	1	06/08/2025 18:07	WG2533613
Chloroform	ND		5.00	1	06/08/2025 18:07	WG2533613
Chloromethane	ND		2.50	1	06/08/2025 18:07	WG2533613
2-Chlorotoluene	ND		1.00	1	06/08/2025 18:07	WG2533613
4-Chlorotoluene	ND		1.00	1	06/08/2025 18:07	WG2533613
1,2-Dibromo-3-Chloropropane	ND		5.00	1	06/08/2025 18:07	WG2533613
1,2-Dibromoethane	ND		1.00	1	06/08/2025 18:07	WG2533613
Dibromomethane	ND		1.00	1	06/08/2025 18:07	WG2533613
1,2-Dichlorobenzene	ND		1.00	1	06/08/2025 18:07	WG2533613
1,3-Dichlorobenzene	ND		1.00	1	06/08/2025 18:07	WG2533613
1,4-Dichlorobenzene	ND		1.00	1	06/08/2025 18:07	WG2533613
Dichlorodifluoromethane	ND		5.00	1	06/08/2025 18:07	WG2533613
1,1-Dichloroethane	ND		1.00	1	06/08/2025 18:07	WG2533613
1,2-Dichloroethane	ND		1.00	1	06/08/2025 18:07	WG2533613
1,1-Dichloroethene	ND		1.00	1	06/08/2025 18:07	WG2533613
cis-1,2-Dichloroethene	ND		1.00	1	06/08/2025 18:07	WG2533613
trans-1,2-Dichloroethene	ND		1.00	1	06/08/2025 18:07	WG2533613
1,2-Dichloropropane	ND		1.00	1	06/08/2025 18:07	WG2533613
1,1-Dichloropropene	ND		1.00	1	06/08/2025 18:07	WG2533613
1,3-Dichloropropane	ND		1.00	1	06/08/2025 18:07	WG2533613
cis-1,3-Dichloropropene	ND		1.00	1	06/08/2025 18:07	WG2533613
trans-1,3-Dichloropropene	ND		1.00	1	06/08/2025 18:07	WG2533613
2,2-Dichloropropane	ND		1.00	1	06/08/2025 18:07	WG2533613



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	06/08/2025 18:07	WG2533613
Ethylbenzene	ND		1.00	1	06/08/2025 18:07	WG2533613
Hexachloro-1,3-butadiene	ND		1.00	1	06/08/2025 18:07	WG2533613
Isopropylbenzene	ND		1.00	1	06/08/2025 18:07	WG2533613
p-Isopropyltoluene	ND		1.00	1	06/08/2025 18:07	WG2533613
2-Butanone (MEK)	ND		10.0	1	06/08/2025 18:07	WG2533613
Methylene Chloride	ND		5.00	1	06/08/2025 18:07	WG2533613
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	06/08/2025 18:07	WG2533613
Methyl tert-butyl ether	ND		1.00	1	06/08/2025 18:07	WG2533613
Naphthalene	ND		5.00	1	06/08/2025 18:07	WG2533613
n-Propylbenzene	ND		1.00	1	06/08/2025 18:07	WG2533613
Styrene	ND		1.00	1	06/08/2025 18:07	WG2533613
1,1,1,2-Tetrachloroethane	ND		1.00	1	06/08/2025 18:07	WG2533613
1,1,2,2-Tetrachloroethane	ND		1.00	1	06/08/2025 18:07	WG2533613
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	06/08/2025 18:07	WG2533613
Tetrachloroethene	ND		1.00	1	06/08/2025 18:07	WG2533613
Toluene	ND		1.00	1	06/08/2025 18:07	WG2533613
1,2,3-Trichlorobenzene	ND		1.00	1	06/08/2025 18:07	WG2533613
1,2,4-Trichlorobenzene	ND		1.00	1	06/08/2025 18:07	WG2533613
1,1,1-Trichloroethane	ND		1.00	1	06/08/2025 18:07	WG2533613
1,1,2-Trichloroethane	ND		1.00	1	06/08/2025 18:07	WG2533613
Trichloroethene	ND		1.00	1	06/08/2025 18:07	WG2533613
Trichlorofluoromethane	ND		5.00	1	06/08/2025 18:07	WG2533613
1,2,3-Trichloropropane	ND		2.50	1	06/08/2025 18:07	WG2533613
1,2,4-Trimethylbenzene	ND		1.00	1	06/08/2025 18:07	WG2533613
1,2,3-Trimethylbenzene	ND		1.00	1	06/08/2025 18:07	WG2533613
1,3,5-Trimethylbenzene	ND		1.00	1	06/08/2025 18:07	WG2533613
Vinyl chloride	ND		1.00	1	06/08/2025 18:07	WG2533613
Xylenes, Total	ND		3.00	1	06/08/2025 18:07	WG2533613
(S) Toluene-d8	86.6		80.0-120		06/08/2025 18:07	WG2533613
(S) 4-Bromofluorobenzene	97.6		77.0-126		06/08/2025 18:07	WG2533613
(S) 1,2-Dichloroethane-d4	119		70.0-130		06/08/2025 18:07	WG2533613



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

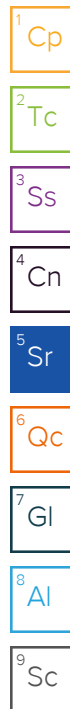
Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	114		100	1	06/09/2025 16:37	WG2533612
C28-C36 Motor Oil Range	ND		100	1	06/09/2025 16:37	WG2533612
(S) o-Terphenyl	105		52.0-156		06/09/2025 16:37	WG2533612

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	06/08/2025 23:57	WG2533578
Acenaphthylene	ND		1.00	1	06/08/2025 23:57	WG2533578
Anthracene	ND		1.00	1	06/08/2025 23:57	WG2533578
Benzidine	ND	C7	20.0	1	06/08/2025 23:57	WG2533578
Benzo(a)anthracene	ND		1.00	1	06/08/2025 23:57	WG2533578
Benzo(b)fluoranthene	ND		1.00	1	06/08/2025 23:57	WG2533578
Benzo(k)fluoranthene	ND		1.00	1	06/08/2025 23:57	WG2533578
Benzo(g,h,i)perylene	ND		1.00	1	06/08/2025 23:57	WG2533578
Benzo(a)pyrene	ND		1.00	1	06/08/2025 23:57	WG2533578
Bis(2-chlorethoxy)methane	ND		10.0	1	06/08/2025 23:57	WG2533578
Bis(2-chloroethyl)ether	ND		10.0	1	06/08/2025 23:57	WG2533578
2,2-Oxybis(1-Chloropropane)	ND		10.0	1	06/08/2025 23:57	WG2533578

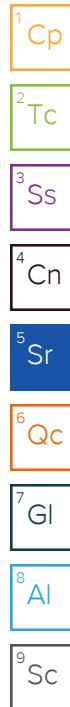
Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
4-Bromophenyl-phenylether	ND		10.0	1	06/08/2025 23:57	WG2533578
2-Chloronaphthalene	ND		1.00	1	06/08/2025 23:57	WG2533578
4-Chlorophenyl-phenylether	ND		10.0	1	06/08/2025 23:57	WG2533578
Chrysene	ND		1.00	1	06/08/2025 23:57	WG2533578
Dibenz(a,h)anthracene	ND		1.00	1	06/08/2025 23:57	WG2533578
1,2-Dichlorobenzene	ND		10.0	1	06/08/2025 23:57	WG2533578
1,3-Dichlorobenzene	ND		10.0	1	06/08/2025 23:57	WG2533578
1,4-Dichlorobenzene	ND		10.0	1	06/08/2025 23:57	WG2533578
3,3-Dichlorobenzidine	ND		10.0	1	06/08/2025 23:57	WG2533578
2,4-Dinitrotoluene	ND		10.0	1	06/08/2025 23:57	WG2533578
2,6-Dinitrotoluene	ND		10.0	1	06/08/2025 23:57	WG2533578
Fluoranthene	ND		1.00	1	06/08/2025 23:57	WG2533578
Fluorene	ND		1.00	1	06/08/2025 23:57	WG2533578
Hexachlorobenzene	ND		1.00	1	06/08/2025 23:57	WG2533578
Hexachloro-1,3-butadiene	ND		10.0	1	06/08/2025 23:57	WG2533578
Hexachlorocyclopentadiene	ND	C7	10.0	1	06/08/2025 23:57	WG2533578
Hexachloroethane	ND		10.0	1	06/08/2025 23:57	WG2533578
Indeno(1,2,3-cd)pyrene	ND		1.00	1	06/08/2025 23:57	WG2533578
Isophorone	ND		10.0	1	06/08/2025 23:57	WG2533578
1-Methylnaphthalene	ND		1.00	1	06/08/2025 23:57	WG2533578
2-Methylnaphthalene	ND		1.00	1	06/08/2025 23:57	WG2533578
Naphthalene	ND		1.00	1	06/08/2025 23:57	WG2533578
Nitrobenzene	ND		10.0	1	06/08/2025 23:57	WG2533578
n-Nitrosodimethylamine	ND		10.0	1	06/08/2025 23:57	WG2533578
n-Nitrosodiphenylamine	ND		10.0	1	06/08/2025 23:57	WG2533578
n-Nitrosodi-n-propylamine	ND		10.0	1	06/08/2025 23:57	WG2533578
Phenanthrene	ND		1.00	1	06/08/2025 23:57	WG2533578
Benzylbutyl phthalate	ND		3.00	1	06/08/2025 23:57	WG2533578
Bis(2-ethylhexyl)phthalate	ND		3.00	1	06/08/2025 23:57	WG2533578
Di-n-butyl phthalate	ND		3.00	1	06/08/2025 23:57	WG2533578
Diethyl phthalate	ND		3.00	1	06/08/2025 23:57	WG2533578
Dimethyl phthalate	ND		3.00	1	06/08/2025 23:57	WG2533578
Di-n-octyl phthalate	ND		3.00	1	06/08/2025 23:57	WG2533578
Pyrene	ND		1.00	1	06/08/2025 23:57	WG2533578
1,2,4-Trichlorobenzene	ND		10.0	1	06/08/2025 23:57	WG2533578
4-Chloro-3-methylphenol	ND		10.0	1	06/08/2025 23:57	WG2533578
2-Chlorophenol	ND		10.0	1	06/08/2025 23:57	WG2533578
2,4-Dichlorophenol	ND		10.0	1	06/08/2025 23:57	WG2533578
2,4-Dimethylphenol	ND		10.0	1	06/08/2025 23:57	WG2533578
4,6-Dinitro-2-methylphenol	ND		10.0	1	06/08/2025 23:57	WG2533578
2,4-Dinitrophenol	ND		10.0	1	06/08/2025 23:57	WG2533578
2-Nitrophenol	ND		10.0	1	06/08/2025 23:57	WG2533578
4-Nitrophenol	ND		10.0	1	06/08/2025 23:57	WG2533578
Pentachlorophenol	ND		10.0	1	06/08/2025 23:57	WG2533578
Phenol	ND		10.0	1	06/08/2025 23:57	WG2533578
2,4,6-Trichlorophenol	ND		10.0	1	06/08/2025 23:57	WG2533578
(S) 2-Fluorophenol	21.1		10.0-120		06/08/2025 23:57	WG2533578
(S) Phenol-d5	14.5		10.0-120		06/08/2025 23:57	WG2533578
(S) Nitrobenzene-d5	39.0		10.0-127		06/08/2025 23:57	WG2533578
(S) 2-Fluorobiphenyl	45.7		10.0-130		06/08/2025 23:57	WG2533578
(S) 2,4,6-Tribromophenol	51.8		10.0-155		06/08/2025 23:57	WG2533578
(S) p-Terphenyl-d14	48.3		10.0-128		06/08/2025 23:57	WG2533578



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	C3	50.0	1	06/08/2025 15:10	WG2533613
Acrolein	ND	C3	50.0	1	06/08/2025 15:10	WG2533613
Acrylonitrile	ND		10.0	1	06/08/2025 15:10	WG2533613
Benzene	ND		1.00	1	06/08/2025 15:10	WG2533613
Bromobenzene	ND		1.00	1	06/08/2025 15:10	WG2533613
Bromodichloromethane	ND		1.00	1	06/08/2025 15:10	WG2533613
Bromoform	ND		1.00	1	06/08/2025 15:10	WG2533613
Bromomethane	ND		5.00	1	06/08/2025 15:10	WG2533613
n-Butylbenzene	ND		1.00	1	06/08/2025 15:10	WG2533613
sec-Butylbenzene	ND		1.00	1	06/08/2025 15:10	WG2533613
tert-Butylbenzene	ND		1.00	1	06/08/2025 15:10	WG2533613
Carbon tetrachloride	ND		1.00	1	06/08/2025 15:10	WG2533613
Chlorobenzene	ND		1.00	1	06/08/2025 15:10	WG2533613
Chlorodibromomethane	ND		1.00	1	06/08/2025 15:10	WG2533613
Chloroethane	ND		5.00	1	06/08/2025 15:10	WG2533613
Chloroform	ND		5.00	1	06/08/2025 15:10	WG2533613
Chloromethane	ND		2.50	1	06/08/2025 15:10	WG2533613
2-Chlorotoluene	ND		1.00	1	06/08/2025 15:10	WG2533613
4-Chlorotoluene	ND		1.00	1	06/08/2025 15:10	WG2533613
1,2-Dibromo-3-Chloropropane	ND		5.00	1	06/08/2025 15:10	WG2533613
1,2-Dibromoethane	ND		1.00	1	06/08/2025 15:10	WG2533613
Dibromomethane	ND		1.00	1	06/08/2025 15:10	WG2533613
1,2-Dichlorobenzene	ND		1.00	1	06/08/2025 15:10	WG2533613
1,3-Dichlorobenzene	ND		1.00	1	06/08/2025 15:10	WG2533613
1,4-Dichlorobenzene	ND		1.00	1	06/08/2025 15:10	WG2533613
Dichlorodifluoromethane	ND		5.00	1	06/08/2025 15:10	WG2533613
1,1-Dichloroethane	ND		1.00	1	06/08/2025 15:10	WG2533613
1,2-Dichloroethane	ND		1.00	1	06/08/2025 15:10	WG2533613
1,1-Dichloroethene	ND		1.00	1	06/08/2025 15:10	WG2533613
cis-1,2-Dichloroethene	ND		1.00	1	06/08/2025 15:10	WG2533613
trans-1,2-Dichloroethene	ND		1.00	1	06/08/2025 15:10	WG2533613
1,2-Dichloropropane	ND		1.00	1	06/08/2025 15:10	WG2533613
1,1-Dichloropropene	ND		1.00	1	06/08/2025 15:10	WG2533613
1,3-Dichloropropane	ND		1.00	1	06/08/2025 15:10	WG2533613
cis-1,3-Dichloropropene	ND		1.00	1	06/08/2025 15:10	WG2533613
trans-1,3-Dichloropropene	ND		1.00	1	06/08/2025 15:10	WG2533613
2,2-Dichloropropane	ND		1.00	1	06/08/2025 15:10	WG2533613
Di-isopropyl ether	ND		1.00	1	06/08/2025 15:10	WG2533613
Ethylbenzene	ND		1.00	1	06/08/2025 15:10	WG2533613
Hexachloro-1,3-butadiene	ND		1.00	1	06/08/2025 15:10	WG2533613
Isopropylbenzene	ND		1.00	1	06/08/2025 15:10	WG2533613
p-Isopropyltoluene	ND		1.00	1	06/08/2025 15:10	WG2533613
2-Butanone (MEK)	ND		10.0	1	06/08/2025 15:10	WG2533613
Methylene Chloride	ND		5.00	1	06/08/2025 15:10	WG2533613
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	06/08/2025 15:10	WG2533613
Methyl tert-butyl ether	ND		1.00	1	06/08/2025 15:10	WG2533613
Naphthalene	ND		5.00	1	06/08/2025 15:10	WG2533613
n-Propylbenzene	ND		1.00	1	06/08/2025 15:10	WG2533613
Styrene	ND		1.00	1	06/08/2025 15:10	WG2533613
1,1,1,2-Tetrachloroethane	ND		1.00	1	06/08/2025 15:10	WG2533613
1,1,2,2-Tetrachloroethane	ND		1.00	1	06/08/2025 15:10	WG2533613
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	06/08/2025 15:10	WG2533613
Tetrachloroethene	ND		1.00	1	06/08/2025 15:10	WG2533613
Toluene	ND		1.00	1	06/08/2025 15:10	WG2533613
1,2,3-Trichlorobenzene	ND		1.00	1	06/08/2025 15:10	WG2533613
1,2,4-Trichlorobenzene	ND		1.00	1	06/08/2025 15:10	WG2533613



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	06/08/2025 15:10	WG2533613
1,1,2-Trichloroethane	ND		1.00	1	06/08/2025 15:10	WG2533613
Trichloroethene	ND		1.00	1	06/08/2025 15:10	WG2533613
Trichlorofluoromethane	ND		5.00	1	06/08/2025 15:10	WG2533613
1,2,3-Trichloropropane	ND		2.50	1	06/08/2025 15:10	WG2533613
1,2,4-Trimethylbenzene	ND		1.00	1	06/08/2025 15:10	WG2533613
1,2,3-Trimethylbenzene	ND		1.00	1	06/08/2025 15:10	WG2533613
1,3,5-Trimethylbenzene	ND		1.00	1	06/08/2025 15:10	WG2533613
Vinyl chloride	ND		1.00	1	06/08/2025 15:10	WG2533613
Xylenes, Total	ND		3.00	1	06/08/2025 15:10	WG2533613
(S) Toluene-d8	101		80.0-120		06/08/2025 15:10	WG2533613
(S) 4-Bromofluorobenzene	88.6		77.0-126		06/08/2025 15:10	WG2533613
(S) 1,2-Dichloroethane-d4	108		70.0-130		06/08/2025 15:10	WG2533613

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Calculated Results

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Total Nitrogen	756		100	1	06/13/2025 11:04	WG2536650

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Dissolved Solids	196000		10000	1	06/08/2025 14:06	WG2533534

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Suspended Solids	105000		10000	1	06/08/2025 15:24	WG2533563

Wet Chemistry by Method 130.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Hardness (colorimetric) as CaCO3	125000		30000	1	06/09/2025 23:04	WG2533627

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Alkalinity	63900		20000	1	06/08/2025 14:12	WG2533622
Alkalinity,Bicarbonate	63900		20000	1	06/08/2025 14:12	WG2533622
Alkalinity,Carbonate	ND		20000	1	06/08/2025 14:12	WG2533622

Sample Narrative:

L1867555-15 WG2533622: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Bromide	ND		1000	1	06/09/2025 13:26	WG2533567
Chloride	8180		1000	1	06/09/2025 13:26	WG2533567
Fluoride	244		150	1	06/09/2025 13:26	WG2533567
Nitrate as (N)	296		100	1	06/08/2025 18:02	WG2533567
Nitrite as (N)	ND	Q	100	1	06/09/2025 13:26	WG2533567
Sulfate	64700		5000	1	06/09/2025 13:26	WG2533567

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		100	1	06/08/2025 19:59	WG2533726

Wet Chemistry by Method 351.2

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	460		250	1	06/13/2025 11:04	WG2536650

Wet Chemistry by Method 365.4

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Phosphorus,Total	171		100	1	06/11/2025 15:44	WG2536181



Wet Chemistry by Method 5310 B-2014

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	4570		1000	1	06/08/2025 16:17	WG2533581

Wet Chemistry by Method 5540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
MBAS	ND		100	1	06/08/2025 17:29	WG2533675

Wet Chemistry by Method 7199

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.500	1	06/09/2025 17:43	WG2533804

Wet Chemistry by Method 9040C

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.09	T8	1	06/08/2025 13:01	WG2533638

Sample Narrative:

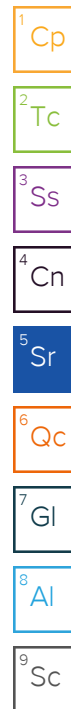
L1867555-15 WG2533638: 8.09 at 22.9C

Mercury by Method 7470A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Mercury	ND		0.200	1	06/08/2025 14:59	WG2533594

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Aluminum	824		100	1	06/08/2025 20:09	WG2533609
Aluminum,Dissolved	ND		100	1	06/08/2025 17:41	WG2533611
Antimony	ND		4.00	1	06/08/2025 20:09	WG2533609
Arsenic	ND		2.00	1	06/08/2025 20:09	WG2533609
Arsenic,Dissolved	ND		2.00	1	06/08/2025 17:41	WG2533611
Barium	32.6		2.00	1	06/08/2025 20:09	WG2533609
Beryllium	ND		2.00	1	06/08/2025 20:09	WG2533609
Boron	37.9		30.0	1	06/08/2025 20:09	WG2533609
Cadmium	ND		1.00	1	06/08/2025 20:09	WG2533609
Cadmium,Dissolved	ND		1.00	1	06/08/2025 17:41	WG2533611
Calcium	32600		1000	1	06/08/2025 20:09	WG2533609
Chromium	ND		2.00	1	06/08/2025 20:09	WG2533609
Chromium,Dissolved	ND		2.00	1	06/08/2025 17:41	WG2533611
Copper	ND		5.00	1	06/08/2025 20:09	WG2533609
Copper,Dissolved	ND		5.00	1	06/08/2025 17:41	WG2533611
Cobalt	ND		2.00	1	06/08/2025 20:09	WG2533609
Iron	589		100	1	06/08/2025 20:09	WG2533609
Lead	ND		2.00	1	06/08/2025 20:09	WG2533609
Lead,Dissolved	ND		2.00	1	06/08/2025 17:41	WG2533611
Magnesium	10700		1000	1	06/08/2025 20:09	WG2533609
Manganese	51.7		5.00	1	06/08/2025 20:09	WG2533609
Manganese,Dissolved	ND		5.00	1	06/08/2025 17:41	WG2533611
Nickel	ND		2.00	1	06/08/2025 20:09	WG2533609
Nickel,Dissolved	ND		2.00	1	06/08/2025 17:41	WG2533611
Potassium	ND		2000	1	06/08/2025 20:09	WG2533609
Selenium	ND		2.00	1	06/08/2025 20:09	WG2533609



Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Selenium,Dissolved	ND		2.00	1	06/08/2025 17:41	WG2533611
Silver	ND		2.00	1	06/08/2025 20:09	WG2533609
Silver,Dissolved	ND		2.00	1	06/08/2025 17:41	WG2533611
Sodium	14100		2000	1	06/08/2025 20:09	WG2533609
Thallium	ND		2.00	1	06/08/2025 20:09	WG2533609
Vanadium	ND		5.00	1	06/08/2025 20:09	WG2533609
Zinc	ND		25.0	1	06/08/2025 20:09	WG2533609
Zinc,Dissolved	ND		25.0	1	06/08/2025 17:41	WG2533611

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		100	1	06/08/2025 16:55	WG2533629
(S) a,a,a-Trifluorotoluene(FID)	97.8		78.0-120		06/08/2025 16:55	WG2533629

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	C3	50.0	1	06/08/2025 18:26	WG2533613
Acrolein	ND	C3	50.0	1	06/08/2025 18:26	WG2533613
Acrylonitrile	ND		10.0	1	06/08/2025 18:26	WG2533613
Benzene	ND		1.00	1	06/08/2025 18:26	WG2533613
Bromobenzene	ND		1.00	1	06/08/2025 18:26	WG2533613
Bromodichloromethane	ND		1.00	1	06/08/2025 18:26	WG2533613
Bromoform	ND		1.00	1	06/08/2025 18:26	WG2533613
Bromomethane	ND		5.00	1	06/08/2025 18:26	WG2533613
n-Butylbenzene	ND		1.00	1	06/08/2025 18:26	WG2533613
sec-Butylbenzene	ND		1.00	1	06/08/2025 18:26	WG2533613
tert-Butylbenzene	ND		1.00	1	06/08/2025 18:26	WG2533613
Carbon tetrachloride	ND		1.00	1	06/08/2025 18:26	WG2533613
Chlorobenzene	ND		1.00	1	06/08/2025 18:26	WG2533613
Chlorodibromomethane	ND		1.00	1	06/08/2025 18:26	WG2533613
Chloroethane	ND		5.00	1	06/08/2025 18:26	WG2533613
Chloroform	ND		5.00	1	06/08/2025 18:26	WG2533613
Chloromethane	ND		2.50	1	06/08/2025 18:26	WG2533613
2-Chlorotoluene	ND		1.00	1	06/08/2025 18:26	WG2533613
4-Chlorotoluene	ND		1.00	1	06/08/2025 18:26	WG2533613
1,2-Dibromo-3-Chloropropane	ND		5.00	1	06/08/2025 18:26	WG2533613
1,2-Dibromoethane	ND		1.00	1	06/08/2025 18:26	WG2533613
Dibromomethane	ND		1.00	1	06/08/2025 18:26	WG2533613
1,2-Dichlorobenzene	ND		1.00	1	06/08/2025 18:26	WG2533613
1,3-Dichlorobenzene	ND		1.00	1	06/08/2025 18:26	WG2533613
1,4-Dichlorobenzene	ND		1.00	1	06/08/2025 18:26	WG2533613
Dichlorodifluoromethane	ND		5.00	1	06/08/2025 18:26	WG2533613
1,1-Dichloroethane	ND		1.00	1	06/08/2025 18:26	WG2533613
1,2-Dichloroethane	ND		1.00	1	06/08/2025 18:26	WG2533613
1,1-Dichloroethene	ND		1.00	1	06/08/2025 18:26	WG2533613
cis-1,2-Dichloroethene	ND		1.00	1	06/08/2025 18:26	WG2533613
trans-1,2-Dichloroethene	ND		1.00	1	06/08/2025 18:26	WG2533613
1,2-Dichloropropane	ND		1.00	1	06/08/2025 18:26	WG2533613
1,1-Dichloropropene	ND		1.00	1	06/08/2025 18:26	WG2533613
1,3-Dichloropropane	ND		1.00	1	06/08/2025 18:26	WG2533613
cis-1,3-Dichloropropene	ND		1.00	1	06/08/2025 18:26	WG2533613
trans-1,3-Dichloropropene	ND		1.00	1	06/08/2025 18:26	WG2533613
2,2-Dichloropropane	ND		1.00	1	06/08/2025 18:26	WG2533613

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Di-isopropyl ether	ND		1.00	1	06/08/2025 18:26	WG2533613
Ethylbenzene	ND		1.00	1	06/08/2025 18:26	WG2533613
Hexachloro-1,3-butadiene	ND		1.00	1	06/08/2025 18:26	WG2533613
Isopropylbenzene	ND		1.00	1	06/08/2025 18:26	WG2533613
p-Isopropyltoluene	ND		1.00	1	06/08/2025 18:26	WG2533613
2-Butanone (MEK)	ND		10.0	1	06/08/2025 18:26	WG2533613
Methylene Chloride	ND		5.00	1	06/08/2025 18:26	WG2533613
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	06/08/2025 18:26	WG2533613
Methyl tert-butyl ether	ND		1.00	1	06/08/2025 18:26	WG2533613
Naphthalene	ND		5.00	1	06/08/2025 18:26	WG2533613
n-Propylbenzene	ND		1.00	1	06/08/2025 18:26	WG2533613
Styrene	ND		1.00	1	06/08/2025 18:26	WG2533613
1,1,1,2-Tetrachloroethane	ND		1.00	1	06/08/2025 18:26	WG2533613
1,1,2,2-Tetrachloroethane	ND		1.00	1	06/08/2025 18:26	WG2533613
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	06/08/2025 18:26	WG2533613
Tetrachloroethene	ND		1.00	1	06/08/2025 18:26	WG2533613
Toluene	ND		1.00	1	06/08/2025 18:26	WG2533613
1,2,3-Trichlorobenzene	ND		1.00	1	06/08/2025 18:26	WG2533613
1,2,4-Trichlorobenzene	ND		1.00	1	06/08/2025 18:26	WG2533613
1,1,1-Trichloroethane	ND		1.00	1	06/08/2025 18:26	WG2533613
1,1,2-Trichloroethane	ND		1.00	1	06/08/2025 18:26	WG2533613
Trichloroethene	ND		1.00	1	06/08/2025 18:26	WG2533613
Trichlorofluoromethane	ND		5.00	1	06/08/2025 18:26	WG2533613
1,2,3-Trichloropropane	ND		2.50	1	06/08/2025 18:26	WG2533613
1,2,4-Trimethylbenzene	ND		1.00	1	06/08/2025 18:26	WG2533613
1,2,3-Trimethylbenzene	ND		1.00	1	06/08/2025 18:26	WG2533613
1,3,5-Trimethylbenzene	ND		1.00	1	06/08/2025 18:26	WG2533613
Vinyl chloride	ND		1.00	1	06/08/2025 18:26	WG2533613
Xylenes, Total	ND		3.00	1	06/08/2025 18:26	WG2533613
(S) Toluene-d8	87.2		80.0-120		06/08/2025 18:26	WG2533613
(S) 4-Bromofluorobenzene	89.7		77.0-126		06/08/2025 18:26	WG2533613
(S) 1,2-Dichloroethane-d4	111		70.0-130		06/08/2025 18:26	WG2533613

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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	126		100	1	06/09/2025 16:59	WG2533612
C28-C36 Motor Oil Range	110		100	1	06/09/2025 16:59	WG2533612
(S) o-Terphenyl	115		52.0-156		06/09/2025 16:59	WG2533612

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	06/09/2025 00:18	WG2533578
Acenaphthylene	ND		1.00	1	06/09/2025 00:18	WG2533578
Anthracene	ND		1.00	1	06/09/2025 00:18	WG2533578
Benzidine	ND	C7	20.0	1	06/09/2025 00:18	WG2533578
Benzo(a)anthracene	ND		1.00	1	06/09/2025 00:18	WG2533578
Benzo(b)fluoranthene	ND		1.00	1	06/09/2025 00:18	WG2533578
Benzo(k)fluoranthene	ND		1.00	1	06/09/2025 00:18	WG2533578
Benzo(g,h,i)perylene	ND		1.00	1	06/09/2025 00:18	WG2533578
Benzo(a)pyrene	ND		1.00	1	06/09/2025 00:18	WG2533578
Bis(2-chloroethoxy)methane	ND		10.0	1	06/09/2025 00:18	WG2533578
Bis(2-chloroethyl)ether	ND		10.0	1	06/09/2025 00:18	WG2533578
2,2-Oxybis(1-Chloropropane)	ND		10.0	1	06/09/2025 00:18	WG2533578

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	06/09/2025 00:18	WG2533578
2-Chloronaphthalene	ND		1.00	1	06/09/2025 00:18	WG2533578
4-Chlorophenyl-phenylether	ND		10.0	1	06/09/2025 00:18	WG2533578
Chrysene	ND		1.00	1	06/09/2025 00:18	WG2533578
Dibenz(a,h)anthracene	ND		1.00	1	06/09/2025 00:18	WG2533578
1,2-Dichlorobenzene	ND		10.0	1	06/09/2025 00:18	WG2533578
1,3-Dichlorobenzene	ND		10.0	1	06/09/2025 00:18	WG2533578
1,4-Dichlorobenzene	ND		10.0	1	06/09/2025 00:18	WG2533578
3,3-Dichlorobenzidine	ND		10.0	1	06/09/2025 00:18	WG2533578
2,4-Dinitrotoluene	ND		10.0	1	06/09/2025 00:18	WG2533578
2,6-Dinitrotoluene	ND		10.0	1	06/09/2025 00:18	WG2533578
Fluoranthene	ND		1.00	1	06/09/2025 00:18	WG2533578
Fluorene	ND		1.00	1	06/09/2025 00:18	WG2533578
Hexachlorobenzene	ND		1.00	1	06/09/2025 00:18	WG2533578
Hexachloro-1,3-butadiene	ND		10.0	1	06/09/2025 00:18	WG2533578
Hexachlorocyclopentadiene	ND	C7	10.0	1	06/09/2025 00:18	WG2533578
Hexachloroethane	ND		10.0	1	06/09/2025 00:18	WG2533578
Indeno(1,2,3-cd)pyrene	ND		1.00	1	06/09/2025 00:18	WG2533578
Isophorone	ND		10.0	1	06/09/2025 00:18	WG2533578
1-Methylnaphthalene	ND		1.00	1	06/09/2025 00:18	WG2533578
2-Methylnaphthalene	ND		1.00	1	06/09/2025 00:18	WG2533578
Naphthalene	ND		1.00	1	06/09/2025 00:18	WG2533578
Nitrobenzene	ND		10.0	1	06/09/2025 00:18	WG2533578
n-Nitrosodimethylamine	ND		10.0	1	06/09/2025 00:18	WG2533578
n-Nitrosodiphenylamine	ND		10.0	1	06/09/2025 00:18	WG2533578
n-Nitrosodi-n-propylamine	ND		10.0	1	06/09/2025 00:18	WG2533578
Phenanthrene	ND		1.00	1	06/09/2025 00:18	WG2533578
Benzylbutyl phthalate	ND		3.00	1	06/09/2025 00:18	WG2533578
Bis(2-ethylhexyl)phthalate	ND		3.00	1	06/09/2025 00:18	WG2533578
Di-n-butyl phthalate	ND		3.00	1	06/09/2025 00:18	WG2533578
Diethyl phthalate	ND		3.00	1	06/09/2025 00:18	WG2533578
Dimethyl phthalate	ND		3.00	1	06/09/2025 00:18	WG2533578
Di-n-octyl phthalate	ND		3.00	1	06/09/2025 00:18	WG2533578
Pyrene	ND		1.00	1	06/09/2025 00:18	WG2533578
1,2,4-Trichlorobenzene	ND		10.0	1	06/09/2025 00:18	WG2533578
4-Chloro-3-methylphenol	ND		10.0	1	06/09/2025 00:18	WG2533578
2-Chlorophenol	ND		10.0	1	06/09/2025 00:18	WG2533578
2,4-Dichlorophenol	ND		10.0	1	06/09/2025 00:18	WG2533578
2,4-Dimethylphenol	ND		10.0	1	06/09/2025 00:18	WG2533578
4,6-Dinitro-2-methylphenol	ND		10.0	1	06/09/2025 00:18	WG2533578
2,4-Dinitrophenol	ND		10.0	1	06/09/2025 00:18	WG2533578
2-Nitrophenol	ND		10.0	1	06/09/2025 00:18	WG2533578
4-Nitrophenol	ND		10.0	1	06/09/2025 00:18	WG2533578
Pentachlorophenol	ND		10.0	1	06/09/2025 00:18	WG2533578
Phenol	ND		10.0	1	06/09/2025 00:18	WG2533578
2,4,6-Trichlorophenol	ND		10.0	1	06/09/2025 00:18	WG2533578
(S) 2-Fluorophenol	24.6		10.0-120		06/09/2025 00:18	WG2533578
(S) Phenol-d5	16.2		10.0-120		06/09/2025 00:18	WG2533578
(S) Nitrobenzene-d5	43.9		10.0-127		06/09/2025 00:18	WG2533578
(S) 2-Fluorobiphenyl	48.6		10.0-130		06/09/2025 00:18	WG2533578
(S) 2,4,6-Tribromophenol	48.9		10.0-155		06/09/2025 00:18	WG2533578
(S) p-Terphenyl-d14	50.6		10.0-128		06/09/2025 00:18	WG2533578

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	C3	50.0	1	06/08/2025 15:30	WG2533613
Acrolein	ND	C3	50.0	1	06/08/2025 15:30	WG2533613
Acrylonitrile	ND		10.0	1	06/08/2025 15:30	WG2533613
Benzene	ND		1.00	1	06/08/2025 15:30	WG2533613
Bromobenzene	ND		1.00	1	06/08/2025 15:30	WG2533613
Bromodichloromethane	ND		1.00	1	06/08/2025 15:30	WG2533613
Bromoform	ND		1.00	1	06/08/2025 15:30	WG2533613
Bromomethane	ND		5.00	1	06/08/2025 15:30	WG2533613
n-Butylbenzene	ND		1.00	1	06/08/2025 15:30	WG2533613
sec-Butylbenzene	ND		1.00	1	06/08/2025 15:30	WG2533613
tert-Butylbenzene	ND		1.00	1	06/08/2025 15:30	WG2533613
Carbon tetrachloride	ND		1.00	1	06/08/2025 15:30	WG2533613
Chlorobenzene	ND		1.00	1	06/08/2025 15:30	WG2533613
Chlorodibromomethane	ND		1.00	1	06/08/2025 15:30	WG2533613
Chloroethane	ND		5.00	1	06/08/2025 15:30	WG2533613
Chloroform	ND		5.00	1	06/08/2025 15:30	WG2533613
Chloromethane	ND		2.50	1	06/08/2025 15:30	WG2533613
2-Chlorotoluene	ND		1.00	1	06/08/2025 15:30	WG2533613
4-Chlorotoluene	ND		1.00	1	06/08/2025 15:30	WG2533613
1,2-Dibromo-3-Chloropropane	ND		5.00	1	06/08/2025 15:30	WG2533613
1,2-Dibromoethane	ND		1.00	1	06/08/2025 15:30	WG2533613
Dibromomethane	ND		1.00	1	06/08/2025 15:30	WG2533613
1,2-Dichlorobenzene	ND		1.00	1	06/08/2025 15:30	WG2533613
1,3-Dichlorobenzene	ND		1.00	1	06/08/2025 15:30	WG2533613
1,4-Dichlorobenzene	ND		1.00	1	06/08/2025 15:30	WG2533613
Dichlorodifluoromethane	ND		5.00	1	06/08/2025 15:30	WG2533613
1,1-Dichloroethane	ND		1.00	1	06/08/2025 15:30	WG2533613
1,2-Dichloroethane	ND		1.00	1	06/08/2025 15:30	WG2533613
1,1-Dichloroethene	ND		1.00	1	06/08/2025 15:30	WG2533613
cis-1,2-Dichloroethene	ND		1.00	1	06/08/2025 15:30	WG2533613
trans-1,2-Dichloroethene	ND		1.00	1	06/08/2025 15:30	WG2533613
1,2-Dichloropropane	ND		1.00	1	06/08/2025 15:30	WG2533613
1,1-Dichloropropene	ND		1.00	1	06/08/2025 15:30	WG2533613
1,3-Dichloropropane	ND		1.00	1	06/08/2025 15:30	WG2533613
cis-1,3-Dichloropropene	ND		1.00	1	06/08/2025 15:30	WG2533613
trans-1,3-Dichloropropene	ND		1.00	1	06/08/2025 15:30	WG2533613
2,2-Dichloropropane	ND		1.00	1	06/08/2025 15:30	WG2533613
Di-isopropyl ether	ND		1.00	1	06/08/2025 15:30	WG2533613
Ethylbenzene	ND		1.00	1	06/08/2025 15:30	WG2533613
Hexachloro-1,3-butadiene	ND		1.00	1	06/08/2025 15:30	WG2533613
Isopropylbenzene	ND		1.00	1	06/08/2025 15:30	WG2533613
p-Isopropyltoluene	ND		1.00	1	06/08/2025 15:30	WG2533613
2-Butanone (MEK)	ND		10.0	1	06/08/2025 15:30	WG2533613
Methylene Chloride	ND		5.00	1	06/08/2025 15:30	WG2533613
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	06/08/2025 15:30	WG2533613
Methyl tert-butyl ether	ND		1.00	1	06/08/2025 15:30	WG2533613
Naphthalene	ND		5.00	1	06/08/2025 15:30	WG2533613
n-Propylbenzene	ND		1.00	1	06/08/2025 15:30	WG2533613
Styrene	ND		1.00	1	06/08/2025 15:30	WG2533613
1,1,1,2-Tetrachloroethane	ND		1.00	1	06/08/2025 15:30	WG2533613
1,1,2,2-Tetrachloroethane	ND		1.00	1	06/08/2025 15:30	WG2533613
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	06/08/2025 15:30	WG2533613
Tetrachloroethene	ND		1.00	1	06/08/2025 15:30	WG2533613
Toluene	ND		1.00	1	06/08/2025 15:30	WG2533613
1,2,3-Trichlorobenzene	ND		1.00	1	06/08/2025 15:30	WG2533613
1,2,4-Trichlorobenzene	ND		1.00	1	06/08/2025 15:30	WG2533613

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		1.00	1	06/08/2025 15:30	WG2533613
1,1,2-Trichloroethane	ND		1.00	1	06/08/2025 15:30	WG2533613
Trichloroethene	ND		1.00	1	06/08/2025 15:30	WG2533613
Trichlorofluoromethane	ND		5.00	1	06/08/2025 15:30	WG2533613
1,2,3-Trichloropropane	ND		2.50	1	06/08/2025 15:30	WG2533613
1,2,4-Trimethylbenzene	ND		1.00	1	06/08/2025 15:30	WG2533613
1,2,3-Trimethylbenzene	ND		1.00	1	06/08/2025 15:30	WG2533613
1,3,5-Trimethylbenzene	ND		1.00	1	06/08/2025 15:30	WG2533613
Vinyl chloride	ND		1.00	1	06/08/2025 15:30	WG2533613
Xylenes, Total	ND		3.00	1	06/08/2025 15:30	WG2533613
(S) Toluene-d8	101		80.0-120		06/08/2025 15:30	WG2533613
(S) 4-Bromofluorobenzene	94.6		77.0-126		06/08/2025 15:30	WG2533613
(S) 1,2-Dichloroethane-d4	107		70.0-130		06/08/2025 15:30	WG2533613

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	0.362	J	0.458	0.486	0.774	0.256	06/11/2025 18:38	WG2533696
(T) Barium	97.1					30.0-143	06/11/2025 18:38	WG2533696
(T) Yttrium	104					30.0-136	06/11/2025 18:38	WG2533696

Radiochemistry by Method D5174

Analyte	Result	Qualifier	Uncertainty	RDL	Analysis Date	Batch
	ug/l		+ / -	ug/l	date / time	
Uranium	2.54		0.104	1.00	06/12/2025 15:26	WG2534692

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.113	U	0.197	0.238	0.314	0.0926	06/10/2025 15:58	WG2533871
(T) Barium-133	87.9					30.0-143	06/10/2025 15:58	WG2533871

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	-0.0483	U	0.629	0.639	1.12	0.373	06/11/2025 18:38	WG2533696
(T) Barium	83.9					30.0-143	06/11/2025 18:38	WG2533696
(T) Yttrium	92.2					30.0-136	06/11/2025 18:38	WG2533696

Radiochemistry by Method D5174

Analyte	Result	Qualifier	Uncertainty	RDL	Analysis Date	Batch
	ug/l		+ / -	ug/l	date / time	
Uranium	2.53		0.103	1.00	06/12/2025 15:27	WG2534692

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.126	J	0.213	0.263	0.327	0.108	06/10/2025 15:58	WG2533871
(T) Barium-133	89.4					30.0-143	06/10/2025 15:58	WG2533871

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	0.279	U	0.459	0.484	0.787	0.260	06/11/2025 18:38	WG2533696
(T) Barium	95.2					30.0-143	06/11/2025 18:38	WG2533696
(T) Yttrium	97.3					30.0-136	06/11/2025 18:38	WG2533696

Radiochemistry by Method D5174

Analyte	Result	Qualifier	Uncertainty	RDL	Analysis Date	Batch
	ug/l		+ / -	ug/l	date / time	
Uranium	2.84		0.112	1.00	06/12/2025 15:29	WG2534692

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.549		0.317	0.405	0.314	0.104	06/10/2025 15:58	WG2533871
(T) Barium-133	89.7					30.0-143	06/10/2025 15:58	WG2533871

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	0.334	U	0.601	0.628	1.03	0.343	06/11/2025 18:38	WG2533696
(T) Barium	79.2					30.0-143	06/11/2025 18:38	WG2533696
(T) Yttrium	104					30.0-136	06/11/2025 18:38	WG2533696

Radiochemistry by Method D5174

Analyte	Result	Qualifier	Uncertainty	RDL	Analysis Date	Batch
	ug/l		+ / -	ug/l	date / time	
Uranium	2.82		0.110	1.00	06/12/2025 15:33	WG2534692

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.906		0.428	0.551	0.363	0.117	06/10/2025 15:58	WG2533871
(T) Barium-133	89.7					30.0-143	06/10/2025 15:58	WG2533871

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	0.584	J	0.534	0.570	0.885	0.293	06/11/2025 18:38	WG2533696
(T) Barium	87.2					30.0-143	06/11/2025 18:38	WG2533696
(T) Yttrium	103					30.0-136	06/11/2025 18:38	WG2533696

Radiochemistry by Method D5174

Analyte	Result	Qualifier	Uncertainty	RDL	Analysis Date	Batch
	ug/l		+ / -	ug/l	date / time	
Uranium	4.09		0.160	1.00	06/12/2025 15:35	WG2534692

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.337	J	0.328	0.432	0.422	0.141	06/10/2025 15:58	WG2533871
(T) Barium-133	90.4					30.0-143	06/10/2025 15:58	WG2533871

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	0.433	J	0.507	0.537	0.854	0.284	06/11/2025 18:38	WG2533696
(T) Barium	94.8					30.0-143	06/11/2025 18:38	WG2533696
(T) Yttrium	102					30.0-136	06/11/2025 18:38	WG2533696

Radiochemistry by Method D5174

Analyte	Result	Qualifier	Uncertainty	RDL	Analysis Date	Batch
	ug/l		+ / -	ug/l	date / time	
Uranium	2.65		0.103	1.00	06/12/2025 15:37	WG2534692

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.0953	U	0.324	0.367	0.527	0.193	06/10/2025 15:58	WG2533871
(T) Barium-133	88.2					30.0-143	06/10/2025 15:58	WG2533871

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	0.942		0.482	0.527	0.754	0.250	06/11/2025 18:38	WG2533696
(T) Barium	99.6					30.0-143	06/11/2025 18:38	WG2533696
(T) Yttrium	103					30.0-136	06/11/2025 18:38	WG2533696

Radiochemistry by Method D5174

Analyte	Result	Qualifier	Uncertainty	RDL	Analysis Date	Batch
	ug/l		+ / -	ug/l	date / time	
Uranium	3.37		0.132	1.00	06/12/2025 15:38	WG2534692

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.308	J	0.286	0.354	0.356	0.112	06/10/2025 15:58	WG2533871
(T) Barium-133	90.1					30.0-143	06/10/2025 15:58	WG2533871

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	1.24		0.636	0.688	0.998	0.331	06/11/2025 18:38	WG2533696
(T) Barium	91.6					30.0-143	06/11/2025 18:38	WG2533696
(T) Yttrium	85.3					30.0-136	06/11/2025 18:38	WG2533696

Radiochemistry by Method D5174

Analyte	Result	Qualifier	Uncertainty	RDL	Analysis Date	Batch
	ug/l		+ / -	ug/l	date / time	
Uranium	2.46		0.0995	1.00	06/12/2025 15:40	WG2534692

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.0781	U	0.212	0.249	0.362	0.116	06/10/2025 15:58	WG2533871
(T) Barium-133	89.5					30.0-143	06/10/2025 15:58	WG2533871

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4228354-1 06/08/25 14:06

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

L1867414-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1867414-01 06/08/25 14:06 • (DUP) R4228354-3 06/08/25 14:06

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Dissolved Solids	475000	480000	1	1.05		10

L1867556-19 Original Sample (OS) • Duplicate (DUP)

(OS) L1867556-19 06/08/25 14:06 • (DUP) R4228354-4 06/08/25 14:06

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Dissolved Solids	145000	143000	1	1.39		10

Laboratory Control Sample (LCS)

(LCS) R4228354-2 06/08/25 14:06

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Dissolved Solids	8800000	8750000	99.4	90.0-110	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4227568-1 06/08/25 15:24

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

L1867556-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1867556-03 06/08/25 15:24 • (DUP) R4227568-3 06/08/25 15:24

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Suspended Solids	59200	57600	1	2.74		10

L1867556-15 Original Sample (OS) • Duplicate (DUP)

(OS) L1867556-15 06/08/25 15:24 • (DUP) R4227568-4 06/08/25 15:24

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Suspended Solids	103000	106000	1	3.59		10

Laboratory Control Sample (LCS)

(LCS) R4227568-2 06/08/25 15:24

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Suspended Solids	773000	834000	108	85.0-115	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4229587-1 06/11/25 18:38

	MB Result	MB Qualifier	MB 2 sigma CE	MB MDA	MB Lc
Analyte	pCi/l		+ / -	pCi/l	pCi/l
Radium-228	0.311	⬇	0.270	0.446	0.149
(T) Barium	108		108		
(T) Yttrium	97.5		97.5		

L1867556-25 Original Sample (OS) • Duplicate (DUP)

(OS) L1867556-25 06/11/25 18:38 • (DUP) R4229587-5 06/11/25 18:38

	Original Result	Original 2 sigma CE	Original MDA	Original Lc	DUP Result	DUP 2 sigma CE	DUP MDA	DUP Lc	DUP RPD	DUP RER	DUP Qualifier	DUP RPD Limits	DUP RER Limit
Analyte	pCi/l	+ / -	pCi/l	pCi/l	pCi/l	+ / -	pCi/l	pCi/l	%			%	
Radium-228	0.351	0.483	0.820	0.273	1.24	0.669	1.06	0.355	112	1.08		20	3
(T) Barium	96.8				80.1	80.1							
(T) Yttrium	105				104	104							

Laboratory Control Sample (LCS)

(LCS) R4229587-2 06/11/25 18:38

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	pCi/l	pCi/l	%	%	
Radium-228	5.00	5.07	101	80.0-120	
(T) Barium			107		
(T) Yttrium			105		

L1867555-22 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867555-22 06/11/25 18:38 • (MS) R4229587-3 06/11/25 18:38 • (MSD) R4229587-4 06/11/25 18:38

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	MS RER	RPD Limits
Analyte	pCi/l	pCi/l	pCi/l	pCi/l	%	%		%			%		%
Radium-228	10.0	0.433	12.0	11.7	116	112	1	70.0-130			2.95		20
(T) Barium		94.8			95.0	108							
(T) Yttrium		102			98.9	90.3							

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4229542-1 06/12/25 15:14

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Uranium	U		1.00	1.00

L1867556-23 Original Sample (OS) • Duplicate (DUP)

(OS) L1867556-23 06/12/25 15:42 • (DUP) R4229542-5 06/12/25 15:20

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Uranium	6.87	6.95	1	1.20		20

Laboratory Control Sample (LCS)

(LCS) R4229542-2 06/12/25 15:16

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Uranium	30.0	29.2	97.4	80.0-120	

L1867318-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867318-19 06/12/25 15:22 • (MS) R4229542-3 06/12/25 15:17 • (MSD) R4229542-4 06/12/25 15:19

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Uranium	20.0	3.74	24.1	24.4	102	103	1	75.0-125			1.47	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4228705-1 06/10/25 15:58

Analyte	MB Result pCi/l	MB Qualifier	MB 2 sigma CE + / -	MB MDA pCi/l	MB Lc pCi/l
Radium-226	-0.00924	<u>U</u>	0.0202	0.0719	0.0187
(T) Barium-133	80.9		80.9		

L1867556-31 Original Sample (OS) • Duplicate (DUP)

(OS) L1867556-31 06/10/25 15:58 • (DUP) R4228705-5 06/10/25 15:58

Analyte	Original Result pCi/l	Original 2 sigma CE + / -	Original MDA pCi/l	Original Lc pCi/l	DUP Result pCi/l	DUP 2 sigma CE + / -	DUP MDA pCi/l	DUP Lc pCi/l	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-226	0.0243	0.147	0.295	0.0867	0.0273	0.242	0.439	0.152	11.4	0.0104	<u>U</u>	20	3
(T) Barium-133	86.4				87.7	87.7							

Laboratory Control Sample (LCS)

(LCS) R4228705-2 06/10/25 15:58

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-226	5.00	5.85	117	80.0-120	
(T) Barium-133			78.5		

L1867318-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867318-19 06/10/25 15:58 • (MS) R4228705-3 06/10/25 15:58 • (MSD) R4228705-4 06/10/25 15:58

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-226	20.0	0.193	23.6	20.4	117	101	1	75.0-125			14.6		20
(T) Barium-133		88.3			87.5	87.6							

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4227859-1 06/09/25 22:39

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

Laboratory Control Sample (LCS)

(LCS) R4227859-2 06/09/25 22:40

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Hardness (colorimetric) as CaCO3	200000	208000	104	85.0-115	

L1865871-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1865871-04 06/09/25 22:41 • (MS) R4227859-3 06/09/25 22:42 • (MSD) R4227859-4 06/09/25 22:44

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Hardness (colorimetric) as CaCO3	200000	ND	204000	205000	102	103	1	80.0-120			0.489	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4227312-2 06/08/25 13:18

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

Sample Narrative:
BLANK: Endpoint pH 4.5

L1867555-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1867555-01 06/08/25 13:27 • (DUP) R4227312-3 06/08/25 13:30

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Alkalinity	64800	65400	1	0.858		20
Alkalinity,Bicarbonate	64800	65400	1	0.858		20
Alkalinity,Carbonate	ND	ND	1	0.000		20

Sample Narrative:
OS: Endpoint pH 4.5 Headspace
DUP: Endpoint pH 4.5

L1867556-17 Original Sample (OS) • Duplicate (DUP)

(OS) L1867556-17 06/08/25 14:56 • (DUP) R4227312-4 06/08/25 14:59

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Alkalinity	58500	59500	1	1.67		20
Alkalinity,Bicarbonate	58500	59500	1	1.67		20
Alkalinity,Carbonate	ND	ND	1	0.000		20

Sample Narrative:
OS: Endpoint pH 4.5 Headspace
DUP: Endpoint pH 4.5

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Laboratory Control Sample (LCS)

(LCS) R4227312-1 06/08/25 13:13

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Alkalinity	100000	100000	100	90.0-110	

Sample Narrative:

LCS: Endpoint pH 4.5

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4227456-1 06/08/25 13:06

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Nitrate as (N)	U		88.4	100

Method Blank (MB)

(MB) R4227698-1 06/09/25 10:00

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

L1867555-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1867555-01 06/08/25 14:54 • (DUP) R4227456-3 06/08/25 15:07

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Nitrate as (N)	318	324	1	2.06		15

L1867555-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1867555-03 06/08/25 15:47 • (DUP) R4227456-6 06/08/25 16:01

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Nitrate as (N)	326	331	1	1.55		15

L1867555-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1867555-01 06/09/25 10:51 • (DUP) R4227698-3 06/09/25 11:04

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Bromide	ND	ND	1	0.000		15
Chloride	7960	8140	1	2.20		15
Fluoride	234	240	1	2.49		15
Nitrite as (N)	ND	ND	1	0.000		15

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1867555-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1867555-01 06/09/25 10:51 • (DUP) R4227698-3 06/09/25 11:04

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Sulfate	63600	65300	1	2.51		15

L1867555-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1867555-03 06/09/25 11:43 • (DUP) R4227698-6 06/09/25 11:56

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Bromide	ND	ND	1	0.000		15
Chloride	8420	8760	1	3.95		15
Fluoride	247	255	1	3.07		15
Nitrite as (N)	ND	ND	1	0.000		15
Sulfate	64200	67700	1	5.27		15

Laboratory Control Sample (LCS)

(LCS) R4227456-2 06/08/25 13:19

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Nitrate as (N)	8000	8360	105	90.0-110	

Laboratory Control Sample (LCS)

(LCS) R4227698-2 06/09/25 10:13

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Bromide	40000	38900	97.1	90.0-110	
Chloride	40000	37900	94.9	90.0-110	
Fluoride	8000	7770	97.1	90.0-110	
Nitrite as (N)	8000	7730	96.6	90.0-110	
Sulfate	40000	39200	98.0	90.0-110	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1867555-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867555-01 06/08/25 14:54 • (MS) R4227456-4 06/08/25 15:20 • (MSD) R4227456-5 06/08/25 15:34

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 %
Nitrate as (N)	8000	318	7740	8910	92.7	107	1	90.0-110			14.1	15

L1867555-03 Original Sample (OS) • Matrix Spike (MS)

(OS) L1867555-03 06/08/25 15:47 • (MS) R4227456-7 06/08/25 16:14

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Nitrate as (N)	8000	326	8650	104	1	90.0-110	

L1867555-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867555-01 06/09/25 10:51 • (MS) R4227698-4 06/09/25 11:17 • (MSD) R4227698-5 06/09/25 11:30

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 %
Bromide	40000	ND	38500	38700	96.2	96.9	1	90.0-110			0.708	15
Chloride	40000	7960	44900	45200	92.3	93.2	1	90.0-110			0.733	15
Fluoride	8000	234	8050	8120	97.7	98.6	1	90.0-110			0.878	15
Nitrite as (N)	8000	ND	7840	7920	98.0	99.0	1	90.0-110			1.00	15
Sulfate	40000	63600	91200	92200	68.8	71.3	1	90.0-110	J6	J6	1.10	15

L1867555-03 Original Sample (OS) • Matrix Spike (MS)

(OS) L1867555-03 06/09/25 11:43 • (MS) R4227698-7 06/09/25 12:09

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Bromide	40000	ND	37700	94.2	1	90.0-110	
Chloride	40000	8420	44200	89.4	1	90.0-110	J6
Fluoride	8000	247	7890	95.5	1	90.0-110	
Nitrite as (N)	8000	ND	7690	96.2	1	90.0-110	
Sulfate	40000	64200	90800	66.5	1	90.0-110	J6

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4227403-1 06/08/25 19:30

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

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1867555-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1867555-05 06/08/25 19:39 • (DUP) R4227403-3 06/08/25 19:40

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

L1867555-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1867555-07 06/08/25 19:50 • (DUP) R4227403-6 06/08/25 19:51

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

Laboratory Control Sample (LCS)

(LCS) R4227403-2 06/08/25 19:31

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Ammonia Nitrogen	7500	7360	98.1	90.0-110	

L1867555-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867555-05 06/08/25 19:39 • (MS) R4227403-4 06/08/25 19:42 • (MSD) R4227403-5 06/08/25 19:43

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Ammonia Nitrogen	5000	ND	5110	5170	102	103	1	90.0-110			1.32	10

L1867555-07 Original Sample (OS) • Matrix Spike (MS)

(OS) L1867555-07 06/08/25 19:50 • (MS) R4227403-7 06/08/25 19:53

	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Analyte	ug/l	ug/l	ug/l	%		%	
Ammonia Nitrogen	5000	ND	5320	106	1	90.0-110	

Method Blank (MB)

(MB) R4229931-1 06/13/25 10:37

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

L1867555-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1867555-01 06/13/25 10:49 • (DUP) R4229931-5 06/13/25 10:51

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Kjeldahl Nitrogen, TKN	465	918	1	65.6	P1	20

Laboratory Control Sample (LCS)

(LCS) R4229931-2 06/13/25 10:39

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Kjeldahl Nitrogen, TKN	15600	15400	98.9	90.0-110	

L1867318-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867318-05 06/13/25 10:41 • (MS) R4229931-3 06/13/25 10:43 • (MSD) R4229931-4 06/13/25 10:45

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Kjeldahl Nitrogen, TKN	5000	676	8670	8870	160	164	1	90.0-110	J5	J5	2.20	20

L1868299-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1868299-01 06/13/25 11:13 • (MS) R4229931-6 06/13/25 11:15

	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Analyte	ug/l	ug/l	ug/l	%		%	
Kjeldahl Nitrogen, TKN	5000	1450	9870	168	1	90.0-110	J5

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4228892-1 06/11/25 15:22

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

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1867555-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1867555-01 06/11/25 15:30 • (DUP) R4228892-3 06/11/25 15:31

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Phosphorus,Total	189	141	1	29.1	P1	20

L1867555-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1867555-03 06/11/25 15:33 • (DUP) R4228892-4 06/11/25 15:34

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Phosphorus,Total	191	157	1	19.5		20

Laboratory Control Sample (LCS)

(LCS) R4228892-2 06/11/25 15:24

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	ug/l	ug/l	%	%	
Phosphorus,Total	1700	1670	98.5	86.0-112	

Method Blank (MB)

(MB) R4227391-2 06/08/25 11:45

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

L1867555-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1867555-03 06/08/25 13:32 • (DUP) R4227391-5 06/08/25 13:55

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	4620	4650	1	0.647		20

L1867556-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1867556-07 06/08/25 19:26 • (DUP) R4227391-8 06/08/25 19:49

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	6380	6290	1	1.42		20

Laboratory Control Sample (LCS)

(LCS) R4227391-1 06/08/25 11:27

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
TOC (Total Organic Carbon)	25000	24800	99.0	80.0-120	

L1867555-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867555-01 06/08/25 12:19 • (MS) R4227391-3 06/08/25 12:45 • (MSD) R4227391-4 06/08/25 13:10

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	25000	4550	28700	29000	96.7	97.9	1	75.0-125			1.11	20

L1867556-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867556-05 06/08/25 18:09 • (MS) R4227391-6 06/08/25 18:35 • (MSD) R4227391-7 06/08/25 19:00

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	25000	6620	30600	30900	95.7	97.0	1	75.0-125			1.07	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4227333-1 06/08/25 17:19

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

L1867555-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1867555-09 06/08/25 17:24 • (DUP) R4227333-3 06/08/25 17:25

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

L1867556-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1867556-09 06/08/25 17:32 • (DUP) R4227333-4 06/08/25 17:32

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

Laboratory Control Sample (LCS)

(LCS) R4227333-2 06/08/25 17:19

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
MBAS	1000	1030	103	85.0-115	

L1867556-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867556-21 06/08/25 17:38 • (MS) R4227333-5 06/08/25 17:39 • (MSD) R4227333-6 06/08/25 17:39

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
MBAS	1000	ND	928	927	92.8	92.7	1	85.0-115			0.108	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4227863-1 06/09/25 15:37

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

L1867556-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1867556-03 06/09/25 18:02 • (DUP) R4227863-5 06/09/25 18:12

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

L1867556-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1867556-09 06/09/25 18:41 • (DUP) R4227863-6 06/09/25 18:51

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

Laboratory Control Sample (LCS)

(LCS) R4227863-2 06/09/25 15:46

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Hexavalent Chromium	2.00	2.05	102	90.0-110	

L1867555-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867555-09 06/09/25 16:35 • (MS) R4227863-3 06/09/25 16:44 • (MSD) R4227863-8 06/09/25 16:54

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Hexavalent Chromium	50.0	ND	49.6	49.7	99.2	99.5	1	90.0-110			0.266	20

L1867556-13 Original Sample (OS) • Matrix Spike (MS)

(OS) L1867556-13 06/09/25 19:30 • (MS) R4227863-7 06/09/25 19:40

	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Analyte	ug/l	ug/l	ug/l	%		%	
Hexavalent Chromium	50.0	ND	49.8	99.6	1	90.0-110	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1867555-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1867555-01 06/08/25 13:01 • (DUP) R4227293-2 06/08/25 13:01

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	su	su		%		%
pH	8.13	8.12	1	0.123		1

Sample Narrative:

OS: 8.13 at 23C

DUP: 8.12 at 23.3C

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1867556-19 Original Sample (OS) • Duplicate (DUP)

(OS) L1867556-19 06/08/25 13:01 • (DUP) R4227293-3 06/08/25 13:01

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	su	su		%		%
pH	7.50	7.50	1	0.000		1

Sample Narrative:

OS: 7.5 at 23C

DUP: 7.5 at 23.2C

Laboratory Control Sample (LCS)

(LCS) R4227293-1 06/08/25 13:01

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

Sample Narrative:

LCS: 9.99 at 23.5C

Method Blank (MB)

(MB) R4227313-1 06/08/25 14:49

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

Laboratory Control Sample (LCS)

(LCS) R4227313-2 06/08/25 14:56

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Mercury	3.00	2.86	95.2	80.0-120	

L1867555-15 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867555-15 06/08/25 14:59 • (MS) R4227313-4 06/08/25 15:04 • (MSD) R4227313-5 06/08/25 15:06

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Mercury	3.00	ND	3.12	3.32	104	111	1	75.0-125			6.00	20

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R4227362-1 06/08/25 19:21

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
Boron	U		9.03	30.0
Cadmium	U		0.120	1.00
Calcium	U		92.5	1000
Chromium	U		0.900	2.00
Copper	0.811	U	0.700	5.00
Cobalt	U		0.100	2.00
Iron	30.2	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

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Laboratory Control Sample (LCS)

(LCS) R4227362-2 06/08/25 19:24

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aluminum	1000	1030	103	80.0-120	
Antimony	50.0	48.6	97.2	80.0-120	
Arsenic	50.0	50.9	102	80.0-120	
Barium	50.0	47.4	94.8	80.0-120	
Beryllium	50.0	52.5	105	80.0-120	
Boron	50.0	55.9	112	80.0-120	
Cadmium	50.0	56.9	114	80.0-120	
Calcium	5000	5250	105	80.0-120	
Chromium	50.0	53.0	106	80.0-120	
Copper	50.0	49.3	98.6	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R4227362-2 06/08/25 19:24

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Cobalt	50.0	54.1	108	80.0-120	
Iron	1000	1050	105	80.0-120	
Lead	50.0	52.1	104	80.0-120	
Magnesium	5000	5300	106	80.0-120	
Manganese	50.0	52.3	105	80.0-120	
Nickel	50.0	54.2	108	80.0-120	
Potassium	5000	5060	101	80.0-120	
Selenium	50.0	50.1	100	80.0-120	
Silver	50.0	52.1	104	80.0-120	
Sodium	5000	5270	105	80.0-120	
Thallium	50.0	51.1	102	80.0-120	
Vanadium	50.0	52.6	105	80.0-120	
Zinc	50.0	52.6	105	80.0-120	

L1867556-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867556-01 06/08/25 19:27 • (MS) R4227362-4 06/08/25 19:33 • (MSD) R4227362-5 06/08/25 19:36

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD %	RPD Limits %
Aluminum	1000	1150	2240	2240	110	110	1	75.0-125			0.0194	20
Antimony	50.0	ND	51.4	50.9	102	100	1	75.0-125			1.02	20
Arsenic	50.0	2.06	53.5	54.3	103	105	1	75.0-125			1.59	20
Barium	50.0	41.4	93.3	90.2	104	97.5	1	75.0-125			3.41	20
Beryllium	50.0	ND	52.6	52.7	104	104	1	75.0-125			0.201	20
Boron	50.0	83.8	136	138	104	108	1	75.0-125			1.57	20
Cadmium	50.0	ND	55.2	56.5	109	112	1	75.0-125			2.21	20
Calcium	5000	50600	55200	55100	91.7	89.2	1	75.0-125			0.229	20
Chromium	50.0	ND	52.8	54.1	103	105	1	75.0-125			2.37	20
Copper	50.0	ND	51.8	53.7	96.6	100	1	75.0-125			3.65	20
Cobalt	50.0	ND	53.7	54.7	105	107	1	75.0-125			1.82	20
Iron	1000	745	1920	1980	118	123	1	75.0-125			3.03	20
Lead	50.0	2.06	51.9	52.6	99.6	101	1	75.0-125			1.31	20
Magnesium	5000	24400	29300	29600	97.8	103	1	75.0-125			0.827	20
Manganese	50.0	59.7	111	112	103	104	1	75.0-125			0.791	20
Nickel	50.0	2.36	54.4	55.1	104	106	1	75.0-125			1.26	20
Potassium	5000	4330	9420	9440	102	102	1	75.0-125			0.252	20
Selenium	50.0	ND	51.7	52.0	101	102	1	75.0-125			0.628	20
Silver	50.0	ND	53.7	53.1	107	106	1	75.0-125			1.21	20
Sodium	5000	40100	44000	44100	76.7	78.7	1	75.0-125			0.235	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1867556-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867556-01 06/08/25 19:27 • (MS) R4227362-4 06/08/25 19:33 • (MSD) R4227362-5 06/08/25 19:36

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 %
Thallium	50.0	ND	50.3	50.8	99.6	101	1	75.0-125			1.16	20
Vanadium	50.0	ND	56.8	56.8	105	104	1	75.0-125			0.106	20
Zinc	50.0	ND	58.9	61.0	95.4	99.6	1	75.0-125			3.51	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4227330-1 06/08/25 16:51

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

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R4227330-2 06/08/25 16:55

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aluminum,Dissolved	1000	1020	102	80.0-120	
Arsenic,Dissolved	50.0	51.8	104	80.0-120	
Cadmium,Dissolved	50.0	54.7	109	80.0-120	
Chromium,Dissolved	50.0	52.7	105	80.0-120	
Copper,Dissolved	50.0	51.3	103	80.0-120	
Lead,Dissolved	50.0	50.5	101	80.0-120	
Manganese,Dissolved	50.0	51.8	104	80.0-120	
Nickel,Dissolved	50.0	53.8	108	80.0-120	
Selenium,Dissolved	50.0	49.9	99.9	80.0-120	
Silver,Dissolved	50.0	54.7	109	80.0-120	
Zinc,Dissolved	50.0	53.8	108	80.0-120	

L1867556-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867556-21 06/08/25 16:58 • (MS) R4227330-4 06/08/25 17:04 • (MSD) R4227330-5 06/08/25 17:07

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	1010	1010	101	101	1	75.0-125			0.244	20
Arsenic,Dissolved	50.0	ND	51.5	51.5	103	103	1	75.0-125			0.0752	20
Cadmium,Dissolved	50.0	ND	54.5	54.5	109	109	1	75.0-125			0.0639	20
Chromium,Dissolved	50.0	ND	52.5	52.0	105	104	1	75.0-125			0.963	20
Copper,Dissolved	50.0	ND	52.2	52.5	104	105	1	75.0-125			0.560	20

L1867556-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867556-21 06/08/25 16:58 • (MS) R4227330-4 06/08/25 17:04 • (MSD) R4227330-5 06/08/25 17:07

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	52.4	51.1	105	102	1	75.0-125			2.60	20
Manganese,Dissolved	50.0	ND	52.6	51.3	105	103	1	75.0-125			2.63	20
Nickel,Dissolved	50.0	ND	54.5	54.0	109	108	1	75.0-125			1.05	20
Selenium,Dissolved	50.0	ND	50.5	50.5	101	101	1	75.0-125			0.0591	20
Silver,Dissolved	50.0	ND	55.7	55.5	111	111	1	75.0-125			0.291	20
Zinc,Dissolved	50.0	ND	53.1	54.0	106	108	1	75.0-125			1.70	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4227412-2 06/08/25 12:33

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TPH (GC/FID) Low Fraction	U		59.4	100
(S) a,a,a-Trifluorotoluene(FID)	96.9			78.0-120

Laboratory Control Sample (LCS)

(LCS) R4227412-1 06/08/25 11:49

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5000	4950	99.0	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			98.1	78.0-120	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4227408-2 06/08/25 12:17

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrolein	U		2.54	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromobenzene	U		0.118	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
n-Butylbenzene	U		0.157	1.00
sec-Butylbenzene	U		0.125	1.00
tert-Butylbenzene	U		0.127	1.00
Carbon tetrachloride	U		0.128	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	0.383	U	0.111	5.00
Chloromethane	U		0.960	2.50
2-Chlorotoluene	U		0.106	1.00
4-Chlorotoluene	U		0.114	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
Dibromomethane	U		0.122	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
1,1-Dichloropropene	U		0.142	1.00
1,3-Dichloropropane	U		0.110	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
2,2-Dichloropropane	U		0.161	1.00
Di-isopropyl ether	U		0.105	1.00
Ethylbenzene	U		0.137	1.00
Hexachloro-1,3-butadiene	U		0.337	1.00

¹Cp

²Tc

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⁴Cn

⁵Sr

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⁸Al

⁹Sc

Method Blank (MB)

(MB) R4227408-2 06/08/25 12:17

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	1.00
1,2,3-Trimethylbenzene	U		0.104	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	105			80.0-120
(S) 4-Bromofluorobenzene	96.1			77.0-126
(S) 1,2-Dichloroethane-d4	104			70.0-130

Laboratory Control Sample (LCS)

(LCS) R4227408-1 06/08/25 10:39

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	13.9	55.6	19.0-160	
Acrolein	25.0	9.70	38.8	10.0-160	
Acrylonitrile	25.0	28.2	113	55.0-149	
Benzene	5.00	5.56	111	70.0-123	

¹Cp

²Tc

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Laboratory Control Sample (LCS)

(LCS) R4227408-1 06/08/25 10:39

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Bromobenzene	5.00	4.80	96.0	73.0-121	
Bromodichloromethane	5.00	4.77	95.4	75.0-120	
Bromoform	5.00	4.90	98.0	68.0-132	
Bromomethane	5.00	4.38	87.6	10.0-160	
n-Butylbenzene	5.00	5.80	116	73.0-125	
sec-Butylbenzene	5.00	5.53	111	75.0-125	
tert-Butylbenzene	5.00	5.56	111	76.0-124	
Carbon tetrachloride	5.00	5.74	115	68.0-126	
Chlorobenzene	5.00	5.30	106	80.0-121	
Chlorodibromomethane	5.00	5.30	106	77.0-125	
Chloroethane	5.00	6.00	120	47.0-150	
Chloroform	5.00	5.75	115	73.0-120	
Chloromethane	5.00	4.97	99.4	41.0-142	
2-Chlorotoluene	5.00	5.15	103	76.0-123	
4-Chlorotoluene	5.00	5.20	104	75.0-122	
1,2-Dibromo-3-Chloropropane	5.00	4.64	92.8	58.0-134	
1,2-Dibromoethane	5.00	5.56	111	80.0-122	
Dibromomethane	5.00	5.25	105	80.0-120	
1,2-Dichlorobenzene	5.00	5.64	113	79.0-121	
1,3-Dichlorobenzene	5.00	5.22	104	79.0-120	
1,4-Dichlorobenzene	5.00	5.09	102	79.0-120	
Dichlorodifluoromethane	5.00	4.38	87.6	51.0-149	
1,1-Dichloroethane	5.00	6.00	120	70.0-126	
1,2-Dichloroethane	5.00	5.36	107	70.0-128	
1,1-Dichloroethene	5.00	5.81	116	71.0-124	
cis-1,2-Dichloroethene	5.00	5.81	116	73.0-120	
trans-1,2-Dichloroethene	5.00	5.72	114	73.0-120	
1,2-Dichloropropane	5.00	4.99	99.8	77.0-125	
1,1-Dichloropropene	5.00	5.96	119	74.0-126	
1,3-Dichloropropane	5.00	5.24	105	80.0-120	
cis-1,3-Dichloropropene	5.00	4.39	87.8	80.0-123	
trans-1,3-Dichloropropene	5.00	5.15	103	78.0-124	
2,2-Dichloropropane	5.00	5.74	115	58.0-130	
Di-isopropyl ether	5.00	6.73	135	58.0-138	
Ethylbenzene	5.00	5.11	102	79.0-123	
Hexachloro-1,3-butadiene	5.00	5.55	111	54.0-138	
Isopropylbenzene	5.00	5.57	111	76.0-127	
p-Isopropyltoluene	5.00	5.68	114	76.0-125	
2-Butanone (MEK)	25.0	26.3	105	44.0-160	
Methylene Chloride	5.00	5.46	109	67.0-120	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R4227408-1 06/08/25 10:39

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
4-Methyl-2-pentanone (MIBK)	25.0	28.5	114	68.0-142	
Methyl tert-butyl ether	5.00	5.89	118	68.0-125	
Naphthalene	5.00	4.42	88.4	54.0-135	
n-Propylbenzene	5.00	5.30	106	77.0-124	
Styrene	5.00	5.21	104	73.0-130	
1,1,1,2-Tetrachloroethane	5.00	6.07	121	75.0-125	
1,1,2,2-Tetrachloroethane	5.00	4.79	95.8	65.0-130	
1,1,2-Trichlorotrifluoroethane	5.00	6.15	123	69.0-132	
Tetrachloroethene	5.00	5.41	108	72.0-132	
Toluene	5.00	5.35	107	79.0-120	
1,2,3-Trichlorobenzene	5.00	4.07	81.4	50.0-138	
1,2,4-Trichlorobenzene	5.00	4.65	93.0	57.0-137	
1,1,1-Trichloroethane	5.00	5.80	116	73.0-124	
1,1,2-Trichloroethane	5.00	5.32	106	80.0-120	
Trichloroethene	5.00	5.25	105	78.0-124	
Trichlorofluoromethane	5.00	5.86	117	59.0-147	
1,2,3-Trichloropropane	5.00	5.12	102	73.0-130	
1,2,4-Trimethylbenzene	5.00	5.50	110	76.0-121	
1,2,3-Trimethylbenzene	5.00	5.37	107	77.0-120	
1,3,5-Trimethylbenzene	5.00	5.49	110	76.0-122	
Vinyl chloride	5.00	5.12	102	67.0-131	
Xylenes, Total	15.0	16.7	111	79.0-123	
(S) Toluene-d8			99.4	80.0-120	
(S) 4-Bromofluorobenzene			96.5	77.0-126	
(S) 1,2-Dichloroethane-d4			106	70.0-130	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4227893-1 06/09/25 13:17

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
C10-C28 Diesel Range	U		60.5	100
C28-C36 Motor Oil Range	U		77.2	100
(S) o-Terphenyl	101			52.0-156

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

(LCS) R4227893-2 06/09/25 13:39 • (LCSD) R4227893-3 06/09/25 14:02

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 %
C10-C28 Diesel Range	1500	1590	1690	106	113	50.0-150			6.10	20
(S) o-Terphenyl				114	110	52.0-156				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4227482-3 06/08/25 21:27

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acenaphthene	U		0.246	1.00
Acenaphthylene	U		0.265	1.00
Anthracene	U		0.196	1.00
Benzidine	U		10.3	20.0
Benzo(a)anthracene	U		0.208	1.00
Benzo(b)fluoranthene	U		0.280	1.00
Benzo(k)fluoranthene	U		0.247	1.00
Benzo(g,h,i)perylene	U		0.254	1.00
Benzo(a)pyrene	U		0.128	1.00
Bis(2-chlorethoxy)methane	U		1.88	10.0
Bis(2-chloroethyl)ether	U		2.05	10.0
2,2-Oxybis(1-Chloropropane)	U		1.91	10.0
4-Bromophenyl-phenylether	U		2.67	10.0
2-Chloronaphthalene	U		0.259	1.00
4-Chlorophenyl-phenylether	U		2.22	10.0
Chrysene	U		0.279	1.00
Dibenz(a,h)anthracene	U		0.148	1.00
1,2-Dichlorobenzene	U		2.20	10.0
1,3-Dichlorobenzene	U		2.21	10.0
1,4-Dichlorobenzene	U		2.23	10.0
3,3-Dichlorobenzidine	U		7.58	10.0
2,4-Dinitrotoluene	U		1.87	10.0
2,6-Dinitrotoluene	U		1.86	10.0
Fluoranthene	U		0.229	1.00
Fluorene	U		0.277	1.00
Hexachlorobenzene	U		0.259	1.00
Hexachloro-1,3-butadiene	U		2.27	10.0
Hexachlorocyclopentadiene	U		2.81	10.0
Hexachloroethane	U		2.15	10.0
Indeno(1,2,3-cd)pyrene	U		0.285	1.00
Isophorone	U		1.72	10.0
1-Methylnaphthalene	U		0.245	1.00
2-Methylnaphthalene	U		0.276	1.00
Naphthalene	U		0.678	1.00
Nitrobenzene	U		1.97	10.0
n-Nitrosodimethylamine	U		2.80	10.0
n-Nitrosodiphenylamine	U		2.02	10.0
n-Nitrosodi-n-propylamine	U		2.02	10.0
Phenanthrene	U		0.219	1.00
Benzylbutyl phthalate	U		1.13	3.00

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4227482-3 06/08/25 21:27

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Bis(2-ethylhexyl)phthalate	U		1.65	3.00
Di-n-butyl phthalate	U		0.794	3.00
Diethyl phthalate	U		0.861	3.00
Dimethyl phthalate	U		0.772	3.00
Di-n-octyl phthalate	U		1.33	3.00
Pyrene	U		0.259	1.00
1,2,4-Trichlorobenzene	U		2.30	10.0
4-Chloro-3-methylphenol	U		2.28	10.0
2-Chlorophenol	U		2.11	10.0
2,4-Dichlorophenol	U		2.41	10.0
2,4-Dimethylphenol	U		4.33	10.0
4,6-Dinitro-2-methylphenol	U		3.49	10.0
2,4-Dinitrophenol	U		5.71	10.0
2-Nitrophenol	U		2.60	10.0
4-Nitrophenol	U		7.55	10.0
Pentachlorophenol	U		0.708	10.0
Phenol	U		0.757	10.0
2,4,6-Trichlorophenol	U		2.38	10.0
(S) 2-Fluorophenol	36.3			10.0-120
(S) Phenol-d5	22.8			10.0-120
(S) Nitrobenzene-d5	63.7			10.0-127
(S) 2-Fluorobiphenyl	74.1			10.0-130
(S) 2,4,6-Tribromophenol	68.5			10.0-155
(S) p-Terphenyl-d14	76.7			10.0-128

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

(LCS) R4227482-1 06/08/25 20:44 • (LCSD) R4227482-2 06/08/25 21:06

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	33.6	39.5	67.2	79.0	41.0-120			16.1	22
Acenaphthylene	50.0	36.0	43.6	72.0	87.2	43.0-120			19.1	22
Anthracene	50.0	32.8	37.2	65.6	74.4	45.0-120			12.6	20
Benzydine	100	11.2	10.6	11.2	10.6	10.0-120			5.50	36
Benzo(a)anthracene	50.0	33.5	34.6	67.0	69.2	47.0-120			3.23	20
Benzo(b)fluoranthene	50.0	35.0	34.9	70.0	69.8	46.0-120			0.286	20
Benzo(k)fluoranthene	50.0	35.3	33.8	70.6	67.6	46.0-120			4.34	21
Benzo(g,h,i)perylene	50.0	34.9	35.2	69.8	70.4	48.0-121			0.856	20
Benzo(a)pyrene	50.0	35.9	34.4	71.8	68.8	47.0-120			4.27	20

1Cp

2Tc

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5Sr

6Qc

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8Al

9Sc

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

(LCS) R4227482-1 06/08/25 20:44 • (LCSD) R4227482-2 06/08/25 21:06

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Bis(2-chlorethoxy)methane	50.0	24.4	27.3	48.8	54.6	33.0-120			11.2	24
Bis(2-chloroethyl)ether	50.0	25.3	27.9	50.6	55.8	23.0-120			9.77	33
2,2-Oxybis(1-Chloropropane)	50.0	29.5	33.8	59.0	67.6	28.0-120			13.6	31
4-Bromophenyl-phenylether	50.0	35.0	39.8	70.0	79.6	45.0-120			12.8	20
2-Chloronaphthalene	50.0	31.6	37.8	63.2	75.6	37.0-120			17.9	25
4-Chlorophenyl-phenylether	50.0	35.1	39.4	70.2	78.8	44.0-120			11.5	20
Chrysene	50.0	33.7	34.1	67.4	68.2	48.0-120			1.18	20
Dibenz(a,h)anthracene	50.0	39.9	37.8	79.8	75.6	47.0-120			5.41	20
1,2-Dichlorobenzene	50.0	29.2	33.6	58.4	67.2	20.0-120			14.0	34
1,3-Dichlorobenzene	50.0	29.6	34.0	59.2	68.0	17.0-120			13.8	35
1,4-Dichlorobenzene	50.0	29.8	34.5	59.6	69.0	18.0-120			14.6	34
3,3-Dichlorobenzidine	100	60.1	63.0	60.1	63.0	44.0-120			4.71	20
2,4-Dinitrotoluene	50.0	36.4	41.5	72.8	83.0	49.0-124			13.1	20
2,6-Dinitrotoluene	50.0	36.2	41.1	72.4	82.2	46.0-120			12.7	21
Fluoranthene	50.0	35.9	38.3	71.8	76.6	51.0-120			6.47	20
Fluorene	50.0	34.1	39.7	68.2	79.4	47.0-120			15.2	20
Hexachlorobenzene	50.0	35.6	37.2	71.2	74.4	44.0-120			4.40	20
Hexachloro-1,3-butadiene	50.0	26.9	31.0	53.8	62.0	19.0-120			14.2	32
Hexachlorocyclopentadiene	50.0	22.5	26.8	45.0	53.6	15.0-120			17.4	31
Hexachloroethane	50.0	27.5	33.1	55.0	66.2	15.0-120			18.5	37
Indeno(1,2,3-cd)pyrene	50.0	38.0	36.7	76.0	73.4	49.0-122			3.48	20
Isophorone	50.0	23.9	27.5	47.8	55.0	36.0-120			14.0	23
1-Methylnaphthalene	50.0	31.3	36.2	62.6	72.4	33.0-120			14.5	24
2-Methylnaphthalene	50.0	32.5	36.2	65.0	72.4	33.0-120			10.8	25
Naphthalene	50.0	27.8	32.1	55.6	64.2	27.0-120			14.4	27
Nitrobenzene	50.0	23.6	27.1	47.2	54.2	27.0-120			13.8	29
n-Nitrosodimethylamine	50.0	16.4	17.8	32.8	35.6	10.0-120			8.19	40
n-Nitrosodiphenylamine	50.0	34.5	39.3	69.0	78.6	47.0-120			13.0	20
n-Nitrosodi-n-propylamine	50.0	24.2	28.0	48.4	56.0	31.0-120			14.6	28
Phenanthrene	50.0	32.3	36.4	64.6	72.8	46.0-120			11.9	20
Benzylbutyl phthalate	50.0	42.3	45.6	84.6	91.2	43.0-121			7.51	20
Bis(2-ethylhexyl)phthalate	50.0	42.2	40.4	84.4	80.8	43.0-122			4.36	20
Di-n-butyl phthalate	50.0	39.4	43.1	78.8	86.2	49.0-121			8.97	20
Diethyl phthalate	50.0	36.9	43.3	73.8	86.6	48.0-122			16.0	20
Dimethyl phthalate	50.0	36.5	42.4	73.0	84.8	48.0-120			15.0	20
Di-n-octyl phthalate	50.0	38.3	36.2	76.6	72.4	42.0-125			5.64	20
Pyrene	50.0	33.0	36.3	66.0	72.6	47.0-120			9.52	20
1,2,4-Trichlorobenzene	50.0	29.2	34.1	58.4	68.2	24.0-120			15.5	29
4-Chloro-3-methylphenol	50.0	27.0	31.1	54.0	62.2	40.0-120			14.1	21
2-Chlorophenol	50.0	23.3	27.3	46.6	54.6	25.0-120			15.8	35

¹Cp

²Tc

³Ss

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⁸Al

⁹Sc

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

(LCS) R4227482-1 06/08/25 20:44 • (LCSD) R4227482-2 06/08/25 21:06

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
2,4-Dichlorophenol	50.0	29.2	33.8	58.4	67.6	36.0-120			14.6	26
2,4-Dimethylphenol	50.0	24.3	28.3	48.6	56.6	33.0-120			15.2	26
4,6-Dinitro-2-methylphenol	50.0	37.2	42.8	74.4	85.6	38.0-138			14.0	25
2,4-Dinitrophenol	50.0	26.9	30.2	53.8	60.4	10.0-120			11.6	39
2-Nitrophenol	50.0	34.4	38.4	68.8	76.8	31.0-120			11.0	29
4-Nitrophenol	50.0	10.7	14.8	21.4	29.6	10.0-120			32.2	33
Pentachlorophenol	50.0	17.0	19.6	34.0	39.2	23.0-120			14.2	25
Phenol	50.0	8.35	11.9	16.7	23.8	10.0-120			35.1	36
2,4,6-Trichlorophenol	50.0	31.1	38.8	62.2	77.6	42.0-120			22.0	23
(S) 2-Fluorophenol				27.2	38.6	10.0-120				
(S) Phenol-d5				17.5	24.9	10.0-120				
(S) Nitrobenzene-d5				49.8	57.3	10.0-127				
(S) 2-Fluorobiphenyl				65.5	80.4	10.0-130				
(S) 2,4,6-Tribromophenol				76.5	87.5	10.0-155				
(S) p-Terphenyl-d14				70.8	73.0	10.0-128				

1Cp

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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

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

Qualifier Description

C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
C7	The initial calibration verification standard (SSCV) associated with this data responded high.
J	The identification of the analyte is acceptable; the reported value is an estimate.
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.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

GLOSSARY OF TERMS

Qualifier	Description
Q	Sample was prepared and/or analyzed past holding time as defined in the method. Concentrations should be considered minimum values.
T8	Sample(s) received past/too close to holding time expiration.
U	Below Detectable Limits: Indicates that the analyte was not detected.

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1 6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

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

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

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



Pace® Location Requested (City/State):

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

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

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 5 Day

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 (BL), Vapor (V), Surface Water (SW), Sediment (SD), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservation Type***

Analysis Requested

Proj. Mgr: 546-Jared Starkey

AcctNum / Client ID: CTEH

Table #:

Profile / Template: T271979

Prelg / Bottle Ord. ID:

Sample Comment

Customer Sample ID

Matrix *

Comp / Grab

Composite Start

Collected or Composite End

Cont.

RESIDUAL Chlorine

Result

Units

VOCs 8260D; TPH-GRO/DRO/ORO 8015D

SVOCs 8270E

Total Metals 6020B; Hardness 130.1

Dissolved Metals 6020B

Hexavalent Chromium 7199

TDS SM 2540C; TSS SM 2540D

Anions 300.0; Alkalinity SM 2320B-2011; pH 9040C

PT 365.4; Total N, TNH, NH3 351.2, 353.2, 350.1, SM 4500 Norg

TOC by SM 5310B

Radium 226 SM7500Ra B M; Radium 228 EPA 904/9320

Uranium KPA-U ASTM D5174M

MBAS SM 5540C

Sample Receipt Checklist

Seal Present/Intact: [X] Y [] N [] NP If Applicable

Signed/Accurate: [X] Y [] N VOA Zero Headspace: [X] Y [] N

Bottles arrive intact: [X] Y [] N Pres. Correct/Check: [X] Y [] N

Correct bottles used: [X] Y [] N

Correct volume sent: [X] Y [] N Condition: NCF [X] OK

Green <0.5 mR/hr: [X] Y [] N

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

Collected By: Printed Name Signature Reagan Rives

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: 06/07/2025 1430

Received by/Company: (Signature) PACE Date/Time: 06/07/2025 1430

Relinquished by/Company: (Signature) Date/Time:

Received by/Company: (Signature) Date/Time:

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: 1 of 2

GAC00607GCV

[illegible]

GAC00607GCW

Pace

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

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

Contact/Report To:
Chevron-Bishop, Kyle Lawrence, Tami McMullin, Andy Henauf, Eric Catlin, Madelyn Klinkerman

Phone #:

E-Mail: chevron_bishop@cteh.com; kylelawrence@cteh.com; tmcnullin@cteh.com; ahenault@cteh.com

Cc E-Mail: ecatin@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:
Rush (Pre-approval required):
[] Same Day [] 1 Day [] 2 Day [] 3 Day Other ____ 5 Day ____
Date Results Requested:

DW PWS/D # or WW Permit # as applicable:

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

Specify Container Size **
6x7 5x2 3x1 3x1 10x1 1x2 3,4 3x1 3x1 1x1 1x1 2x1
Identify Container Preservative Type***
4 1 2 2 11 1 1 3 3 2 2 1
Analysis Requested
VOCs 8260D; TPH-GRO/DRO/ORO 8015D
SVOCs 8270E
Total Metals 6020B;
Hardness 130.1
Dissolved Metals 6020B
Hexavalent Chromium 7199
TDS SM 2540C; TSS SM 2540D
Anions 300.0; Alkalinity SM 2320 B-2011; pH 9040C
PT 365.4; Total N, TKN, NH3 351.2,
353.2, 350.1, SM 4500 Norg
TOC by SM 5310B
Radium 226 SM7500Ra B M;
Radiation 228 EPA 904/9320
Uranium KPA-U ASTM D5174M
MBAS SM 5540C
Proj. Mgr:
546-Jared Starkey
AcctNum / Client ID:
CTEH
Table #:
Profile / Template:
TZ17979
Prelag / Bottle Ord. ID:

**Container Size: (1) 1L, (2) 500mL, (3) 250mL,
(4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnvCore,
(8) TerraCore, (9) 90mL, (10) Other
***Preservative Types: (1) None, (2) HNO3, (3) H2SO4,
(4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaNOSO4, (8) Sod.
Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

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

Collected By:
Printed Name
Signature Reagan Rives

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:
06/07/2025 1430 Received by/Company: (Signature)
PACE Date/Time:
06/07/2025 1430 Tracking Number:

Relinquished by/Company: (Signature) Date/Time:
Received by/Company: (Signature)

Relinquished by/Company: (Signature) Date/Time:
Received by/Company: (Signature)

Relinquished by/Company: (Signature) Date/Time:
Received by/Company: (Signature)

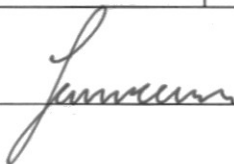
[illegible]

Multiple Parcel Form

L# 6186 7555

Parcel Tracking Number	Infrared Thermometer ID	Temperature Reading (°C)	Correction Factor (°C)	Corrected Temperature (°C)	Custody Seal Intact
SWA	TLA9	4.3	0.4	4.7	Yes / No / Not Present
↓	↓	3.1	↓	3.5	Yes / No / Not Present
		2.0		2.4	Yes / No / Not Present
		2.7		3.1	Yes / No / Not Present
		1.1		1.5	Yes / No / Not Present
		0.6		1.0	Yes / No / Not Present
		2.3		2.7	Yes / No / Not Present
↓	↓	1.6	↓	2.0	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
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present

Name



Date

6-8-25