



15 de octubre de 2025

Enrique Casas

Junta Regional de Control de Calidad del Agua de California, Región de Los Ángeles
320 West Fourth Street, Suite 200
Los Ángeles, California 90013

Ref.: Toma de Muestras y Evaluación Trimestral de EMP
Vertedero de Chiquita Canyon, Castaic, California

Estimado Dr. Casas:

En nombre de Chiquita Canyon, LLC (CCL), Chang Environmental ha elaborado este informe trimestral de monitoreo de aguas subterráneas en cumplimiento con la Orden de Investigación R4-2024-0010 de la Junta Regional de Control de la Calidad del Agua (RWQCB) con fecha 20 de marzo de 2024. La Orden de Investigación estableció un nuevo Programa de Monitoreo de Evaluación (EMP) en el sitio, en respuesta a la reacción del vertedero y a la mayor producción de lixiviados. Se requiere el monitoreo trimestral de ocho pozos de monitoreo de aguas subterráneas existentes (DW-9, 15, 16, 17, 29, 30, 31 y FP-01) y nuevos pozos de monitoreo para los parámetros de monitoreo del sitio. En base a los análisis orgánicos y estadísticos de los datos tomados de los ocho pozos de monitoreo de aguas subterráneas existentes y sin considerar los impactos históricos conocidos en el pozo DW-16, no hubo evidencia nueva de los impactos del vertedero en las aguas subterráneas en el sitio y fuera del sitio.

ANTECEDENTES

El Vertedero de Chiquita Canyon es un centro de disposición de desechos sólidos de Clase III de propiedad y operado por CCL. El vertedero se encuentra en la cuenca del Río Santa Clara, aproximadamente a tres millas al oeste de la Unión de Castaic en el Condado de Los Ángeles, California. El vertedero incluye tres áreas de disposición designadas como Cañón Primario, Cañón B y Cañón Principal. A partir del 1 de enero de 2025, el vertedero está cerrado para la aceptación de desechos y ha cesado sus operaciones activas de disposición de desechos.

Las aguas pluviales debajo del vertedero ocurren en el lecho de rocas sedimentarias (formaciones Pico y Saugus) y generalmente fluyen hacia el sur, hacia el Valle del Río Santa Clara. El vertedero actualmente está experimentando un evento de vertedero de temperaturas elevadas (ETLF o reacción) que está ocurriendo en las profundidades dentro de parte con revestimiento, pero más antigua y cerrada del vertedero, que se llenó antes de que CCL tomara la propiedad. En marzo de 2024, el RWQCB emitió la Orden de Investigación que, entre otros requerimientos, colocó los siete pozos de monitoreo de aguas subterráneas en el sitio (DW-9, 15, 16, 17, 19, 30 y 31) y un pozo fuera del sitio (FP-01) en el EMP. De estos pozos, DW-16 ya estaba en el programa de monitoreo de evaluación preexistente para analizar los impactos de los compuestos orgánicos volátiles (VOC) históricos en las aguas subterráneas, provenientes de una liberación de gases del vertedero en el Cañón Primario. Se necesitan tomas de muestras y evaluaciones trimestrales para los parámetros de monitoreo del sitio de estos pozos.

Además, conforme a la Sección 1(e) de la Orden de Investigación, 40 CFR Parte 258 Apéndice II

(Apéndice II), se requirieron muestras para DW-30 y 31 después de su instalación, que se completó en septiembre de 2024. Conforme al Aviso de Infracción del 27 de junio de 2024 emitido por el RWQCB, CCL finalizó el acuerdo de acceso con Five Points e instaló el pozo de aguas pluviales FP-01 fuera del sitio en abril de 2025. Los resultados de las muestras de la instalación de Apéndice II del nuevo pozo fuera del sitio (FP-01) se informaron en el Informe de Instalación de Pozos de Monitoreo Subterráneo (Geo-Logic Associates, mayo de 2025). No se detectaron constituyentes del Apéndice II de la toma de muestras inicial del Apéndice II en los pozos nuevos instalados DW-30, DW-31 y FP-01 que todavía no estaban en la lista de constituyentes de inquietud.

PROCEDIMIENTOS DE CAMPO

Se tomaron muestras de aguas subterráneas de siete de los pozos de EMP existentes en el sitio, como se especifica en la Orden de Investigación en julio de 2025. Además, a criterio de CCL, se tomaron muestras de todos los pozos existentes en el sitio en el programa de monitoreo de aguas subterráneas en julio, agosto y septiembre de 2025. Geo-Logic Associates tomó muestras del pozo FP-01 fuera del sitio para el programa de monitoreo de EMP en julio, agosto y septiembre de 2025.

Se purgaron los pozos de monitoreo de aguas subterráneas antes de tomar muestras, después del método de purga de poco flujo de rutina. Los parámetros del campo que se monitorearon y registraron durante la purga de poco flujo consisten en conductancia específica, pH, temperatura, oxígeno disuelto (DO) y potencial de reducción de oxígeno (ORP). Para el pozo FP-01 fuera del sitio, Geo-Logic Associates tomó muestras utilizando equipos portátiles (vertedor de mano). Se purgó un mínimo de tres volúmenes de aguas subterráneas del revestimiento del pozo de monitoreo FP-01 antes de tomar las muestras.

Para FP-01, para evaluar la presencia de agua de la formación representativa que proviene del pozo, en aproximadamente cada diez galones de agua de purga, se utilizó una calidad del agua de varios parámetros para supervisar el oxígeno disuelto, la conductividad eléctrica, el pH, la temperatura, el potencial de reducción de oxígeno y la turbidez. Se tomó una muestra cuando se determinó que la calidad del agua era estable donde tres lecturas consecutivas de estos parámetros del campo se estabilizaron dentro del 10 por ciento cada una sin tendencia discernible hacia arriba o hacia abajo. Se contuvieron en depósitos aproximadamente 50 galones de agua de purga que se transportaron al Vertedero de Chiquita Canyon para su disposición.

Se analizaron las muestras subterráneas para los parámetros de monitoreo especificados en el programa de monitoreo e informes (MRP).¹ Las muestras de agua se mantuvieron en hielo en refrigeradores y se transportaron a Enthalpy Analytical, un laboratorio certificado por el Estado, para su análisis. Los informes del laboratorio están incluidos en el Adjunto A.

RESUMEN DE LOS RESULTADOS

El análisis de orgánicos no estadísticos, que incluye VOCs y compuestos orgánicos semivolátiles (SVOCs), es un comparativo de cada uno de los compuestos orgánicos detectados con el límite de detección del método correspondiente (MDL) y el límite de cuantificación práctico (PQL). Los compuestos orgánicos detectados en

¹ Como se analizó con el RWQCB, los parámetros del RWQCB para el evento de toma de muestras de septiembre de 2025 fueron ajustados para que reflejen los MPars indicados en la Tabla T-2 de la Orden No. R4-2018-0172 de los Requerimientos para la Descarga de Desechos (WDR), comparados con los eventos de toma de muestras de julio y agosto de 2025.

las muestras para este período de monitoreo están tabuladas en la Tabla 1. No hay detecciones de VOC de los pozos DW-9, DW-17 y DW-29. Para los otros, casi todas las detecciones de VOCs estuvieron dentro de cantidades de vestigio. Solo se informaron concentraciones de vestigios de un VOC1, 4-diclorobenceno, del pozo DW-15 en cada una de las muestras de julio, agosto y septiembre. Se detectaron contaminantes de laboratorio comunes, cloroformo y cloruro de metileno, en concentraciones de rastros, pero también se detectaron en el campo y en las muestras vírgenes y por lo tanto se descartaron. Solo se detectaron concentraciones de un VOC, tetracloroetano en el pozo DW-30 en las muestras julio, agosto y septiembre. Solo se detectaron concentraciones de un VOC, benceno, en el pozo DW-31 en la muestra de septiembre, que pudo haber sido el resultado de contaminación de la muestra. Como solo se detectaron concentraciones de vestigios de un solo VOC - por debajo del PQL - en los pozos DW-15, DW-30 y DW-31, CCL llegó a la conclusión de que la excedencia de MPars no indica un cambio en la naturaleza o el alcance de la liberación (Programa de Monitoreo y Elaboración de Informes, Sección (C)(2)(i)(i)(B)). Se detectaron concentraciones de SVOC 1,4-dioxano relativamente bajas en las muestras de los pozos DW-31 y FP-01. Los VOC reportados en el pozo DW-16 son consistentes con las detecciones históricas en este pozo. Por lo tanto, no hubo indicativo de ningún impacto nuevo que sea significativo y pueda medirse en aguas subterráneas durante el período de informe actual (1 de julio - 30 de septiembre).

El análisis estadístico de los parámetros de monitoreo del indicador es el método de límite de predicción entre pozos. Este modelo entre pozos involucra el uso de la química histórica del agua de cada pozo y datos de antecedentes de ese pozo, en lugar de comparar la química del agua actual con datos de un pozo diferente, hidráulicamente gradiente arriba.

Los resultados estadísticos se incluyen como Adjunto B y se resumen en la Tabla 2. Los resultados analíticos de los eventos de toma de muestras de julio, agosto y septiembre de 2025 indican excedencias en los límites estadísticos en el amoníaco del pozo DW-15 para el evento de toma de muestras de agosto, que ya está en modo de seguimiento. Todos los demás parámetros estuvieron dentro de límites aplicables.

En base a los análisis orgánicos y estadísticos y sin considerar los impactos conocidos en el pozo DW- 16, no hubo evidencia de los impactos del vertedero en las aguas subterráneas en y fuera del sitio.

Por favor, comuníquese con el firmante llamando al (818) 652-9262 si tiene preguntas.

Atentamente,

Chang Environmental



Paul D. Chang, C. Hg.
Geólogo Ambiental

Adjunto: Tabla 1 - Compuestos Orgánicos Detectados
 Tabla 2 - Resumen de Análisis Estadísticos
 Adjunto A - Informe Analítico Certificado y Documentación de la Cadena de Custodia
 Adjunto B - Planos de los Límites de Predicciones

TABLE 1

**DETECTED ORGANIC COMPOUNDS
CHIQUITA CANYON LANDFILL**

Well ID	Sample Date	Compound	Concentration (ug/L)
EMP			
DW-9	7/10/25	none	
DW-9	8/6/25	none	
DW-9	9/11/25	none	
DW-15	7/16/25	1,4-Dichlorobenzene	0.2 J
DW-15	7/16/25	Chloroform *	0.09 J
DW-15	7/16/25	Methylene Chloride *	0.2 J
DW-15	8/7/25	1,4-Dichlorobenzene	0.2 J
DW-15	8/7/25	Chloroform *	0.07 J
DW-15	9/17/25	1,4-Dichlorobenzene	0.3 J
DW-16	7/16/25	1,1-Dichloroethane	1.1 J
DW-16	7/16/25	1,4-Dichlorobenzene	0.2 J
DW-16	7/16/25	Benzene	0.2 J
DW-16	7/16/25	Chloroform *	0.07 J
DW-16	7/16/25	cis-1,2-Dichloroethene	0.6 J
DW-16	7/16/25	Methylene Chloride *	0.5 J
DW-16	7/16/25	Tetrachloroethene	0.6 J
DW-16	7/16/25	Trichloroethene	0.6 J
DW-16	7/16/25	Trichlorofluoromethane	0.08 J
DW-16	8/12/25	1,1-Dichloroethane	1.2 J
DW-16	8/12/25	1,4-Dichlorobenzene	0.2 J
DW-16	8/12/25	Benzene	0.2 J
DW-16	8/12/25	cis-1,2-Dichloroethene	0.7 J
DW-16	8/12/25	Methylene Chloride *	0.4 J
DW-16	8/12/25	Tetrachloroethene	0.5 J
DW-16	8/12/25	Trichloroethene	0.5 J
DW-16	8/12/25	Trichlorofluoromethane	0.1 J
DW-16	9/17/25	1,1-Dichloroethane	0.9
DW-16	9/17/25	1,4-Dichlorobenzene	0.2 J
DW-16	9/17/25	Benzene	0.2 J
DW-16	9/17/25	Chloromethane *	0.2 J
DW-16	9/17/25	cis-1,2-Dichloroethene	0.6
DW-16	9/17/25	Methylene Chloride *	0.4 J
DW-16	9/17/25	Tetrachloroethene	0.6
DW-16	9/17/25	Trichloroethene	0.6
DW-17	7/14/25	none	
DW-17	8/11/25	none	

TABLE 1
DETECTED ORGANIC COMPOUNDS
CHIQUITA CANYON LANDFILL

Well ID	Sample Date	Compound	Concentration (ug/L)
DW-17	9/15/25	none	
DW-29	7/10/25	none	
DW-29	8/6/25	none	
DW-29	9/11/25	none	
DW-30	7/14/25	Tetrachloroethene	0.4 J
DW-30	8/11/25	Tetrachloroethene	0.4 J
DW-30	9/15/25	Tetrachloroethene	0.5 J
DW-31	7/15/25	1,4-Dioxane	9.2
DW-31	8/11/25	1,4-Dioxane	9.7
DW-31	9/16/25	1,4-Dioxane	7.5
DW-31	9/16/25	Benzene	0.03 J
FP-01	7/22/25	1,4-Dioxane	5.5
FP-01	8/26/25	1,4-Dioxane	5.8
FP-01	9/23/25	2-Butanone *	1.8 J,B
FP-01	9/23/25	1,4-Dioxane	5.7
BLANKS			
Equipment Blank	8/26/25	Chloroform	0.5 J
Equipment Blank	8/26/25	Methylene Chloride	4.5 J
Equipment Blank	9/23/25	Acetone	3.3 J
Equipment Blank	9/23/25	Chloroform	0.8
Equipment Blank	9/23/25	Methylene Chloride	0.8 J
Equipment Blank	9/23/25	2-Butanone	1.6 J,B
Field Blank	7/10/25	Chloroform	0.6 J
Field Blank	7/14/25	Chloroform	0.6 J
Field Blank	7/14/25	Methylene Chloride	0.3 J
Field Blank	7/15/25	Chloroform	0.6 J
Field Blank	7/15/25	Methylene Chloride	0.3 J
Field Blank	7/16/25	Chloroform	0.6 J
Field Blank	7/16/25	Methylene Chloride	0.3 J
Field Blank	7/22/25	Chloroform	0.7 J
Field Blank	7/22/25	Methylene Chloride	6.3
Field Blank	7/22/25	Tetrachloroethene	0.1 J
Field Blank	8/6/25	Chloroform	0.6 J
Field Blank	8/6/25	Methylene Chloride	0.3 J
Field Blank	8/7/25	Chloroform	0.7 J
Field Blank	8/7/25	Methylene Chloride	0.3 J
Field Blank	8/11/25	Chloroform	0.7 J

TABLE 1

**DETECTED ORGANIC COMPOUNDS
CHIQUITA CANYON LANDFILL**

Well ID	Sample Date	Compound	Concentration (ug/L)
Field Blank	8/11/25	Chloromethane	0.2 J
Field Blank	8/11/25	Methylene Chloride	0.3 J
Field Blank	8/12/25	Chloroform	0.7 J
Field Blank	8/12/25	Chloromethane	0.2 J
Field Blank	8/12/25	Methylene Chloride	0.3 J
Field Blank	8/26/25	Carbon Disulfide	0.2 J
Field Blank	8/26/25	Chloroform	0.8 J
Field Blank	8/26/25	Methylene Chloride	7.6
Field Blank	8/26/25	Tetrachloroethene	0.2 J
Field Blank	9/11/25	Methylene Chloride	0.9 J
Field Blank	9/15/25	Methylene Chloride	0.8 J
Field Blank	9/16/25	Methylene Chloride	0.7 J
Field Blank	9/17/25	Chloromethane	0.4 J
Field Blank	9/17/25	Methylene Chloride	0.6 J
Field Blank	9/23/25	Acetone	4.5 J
Field Blank	9/23/25	Chloroform	1.1
Field Blank	9/23/25	Methylene Chloride	1.1 J
Field Blank	9/23/25	2-Butanone	1.7 J,B
Trip Blank	7/10/25	Chloroform	0.7 J
Trip Blank	7/10/25	Methylene Chloride	0.3 J
Trip Blank	7/14/25	Chloroform	0.5 J
Trip Blank	7/15/25	Chloroform	0.7 J
Trip Blank	7/15/25	Methylene Chloride	0.3 J
Trip Blank	7/16/25	Chloroform	0.7 J
Trip Blank	7/16/25	Methylene Chloride	0.3 J
Trip Blank	7/22/25	Chloroform	0.8 J
Trip Blank	7/22/25	Methylene Chloride	0.6 J
Trip Blank	7/22/25	Toluene	0.06 J
Trip Blank	8/6/25	Chloroform	0.7 J
Trip Blank	8/6/25	Methylene Chloride	0.5 J
Trip Blank	8/7/25	Chloroform	0.6 J
Trip Blank	8/7/25	Methylene Chloride	0.5 J
Trip Blank	8/7/25	Tetrachloroethene	0.2 J
Trip Blank	8/11/25	Chloroform	0.8 J
Trip Blank	8/11/25	Methylene Chloride	0.5 J
Trip Blank	8/12/25	Chloroform	0.8 J
Trip Blank	8/12/25	Methylene Chloride	0.7 J

TABLE 1

DETECTED ORGANIC COMPOUNDS

CHIQUITA CANYON LANDFILL

Well ID	Sample Date	Compound	Concentration (ug/L)
Trip Blank	8/26/25	Chloroform	0.8 J
Trip Blank	8/26/25	Methylene Chloride	0.4 J
Trip Blank	9/11/25	Methylene Chloride	0.3 J
Trip Blank	9/15/25	Methylene Chloride	0.8 J
Trip Blank	9/16/25	Chloromethane	0.2 J
Trip Blank	9/16/25	Methylene Chloride	0.3 J
Trip Blank	9/17/25	Methylene Chloride	0.6 J
Trip Blank	9/23/25	Methylene Chloride	1.0 J
Trip Blank	9/23/25	2-Butanone	1.7 J,B

Notes: VOC/SVOC concentrations in micrograms per liter (ug/L): J = trace concentration

* = also detected in field/trip blank: B = also detected in method blank

TABLE 2

**SUMMARY OF STATISTICAL ANALYSIS
Chiquita Canyon Landfill, Valencia, California**

Groundwater Monitoring Point	Alkalinity as CaCO ₃	Ammonia as N	Chemical Oxygen Demand (COD)	Chloride	Nitrate as N	Potassium, Total	Sodium, Total	Sulfate	Total Dissolved Solids (TDS)	Total Organic Carbon (TOC)
JULY 2025										
DW-9	W	W	W	W	W	W	W	W	W	W
DW-15	W	W	W	W	W	W	W	W	W	W
DW-16	W	W	W	W	W	W	W	W	W	W
DW-17	W	W	W	W	W	W	W	W	W	W
DW-29	W	W	W	W	W	W	W	W	W	W
DW-30	n/a	W	W	W	W	W	W	W	W	n/a
DW-31	n/a	W	W	W	W	W	W	W	W	n/a
FP-01	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
AUGUST 2025										
DW-9	W	W	W	W	W	W	W	W	W	W
DW-15	W	E	W	W	W	W	W	W	W	W
DW-16	W	W	W	W	W	W	W	W	W	W
DW-17	W	W	W	W	W	W	W	W	W	W
DW-29	W	W	W	W	W	W	W	W	W	W
DW-30	n/a	W	W	W	W	W	W	W	W	n/a
DW-31	n/a	W	W	W	W	W	W	W	W	n/a
FP-01	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
SEPTEMBER 2025										
DW-9	W	W	W	W	W	W	W	W	W	W
DW-15	W	W	W	W	W	W	W	W	W	W
DW-16	W	W	W	W	W	W	W	W	W	W
DW-17	W	W	W	W	W	W	W	W	W	W
DW-29	W	W	W	W	W	W	W	W	W	W
DW-30	n/a	W	W	W	W	W	W	W	W	n/a
DW-31	n/a	W	W	W	W	W	W	W	W	n/a
FP-01	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Statistical analysis performed using all values past 5 years as background and values for the current sampling period as compliance value.

Notes:

Shaded cells are well/parameter pairs monitored in tracking mode

Prediction Limit Results: W = Within limit, E = Exceeds limit.

n/a = Not analyzed due to insufficient number of data.

Attachment A

**Certified Analytical Report
and Chain of Custody Documentation**



Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 537395
Report Level : II
Report Date : 07/28/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill / Quarterly MPars

Authorized for release by:

Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197



Sample Summary

Steve Cassulo	Lab Job #:	537395
Waste Connections	Project No:	GW MONITORING
Chiquita Canyon Landfill	Location:	Chiquita Canyon Landfill / Quarterly MPars
29201 Henry Mayo	Date Received:	07/10/25
Drive		
Castaic, CA 91384		

Sample ID	Lab ID	Collected	Matrix
DW-28	537395-001	07/10/25 08:27	Water
DW-8	537395-002	07/10/25 09:43	Water
DW-9	537395-003	07/10/25 10:52	Water
DW-29	537395-004	07/10/25 11:54	Water
QCFB	537395-005	07/10/25 08:31	Water
QCTB	537395-006	07/10/25 00:00	Water

Case Narrative

Waste Connections	Lab Job Number: 537395
Chiquita Canyon Landfill	Project No: GW MONITORING
29201 Henry Mayo Drive	Location: Chiquita Canyon Landfill / Quarterly
Castaic, CA 91384	MPars
Steve Cassulo	Date Received: 07/10/25

This data package contains sample and QC results for six water samples, requested for the above referenced project on 07/11/25. The samples were received cold and intact.

Volatile Organics by GC/MS (EPA 8260B):

No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):

No analytical problems were encountered.

Metals (EPA 6010B):

No analytical problems were encountered.

Ion Chromatography (EPA 300.0):

No analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):

No analytical problems were encountered.

Alkalinity (SM2320B):

No analytical problems were encountered.

Sulfide (SM 4500-S2-D):

No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):

No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):

- Low recoveries were observed for chemical oxygen demand in the MS/MSD of DW-3 (lab # 537753-004); the LCS was within limits.
- No other analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):

- Low recovery was observed for ammonia-N in the MS for batch 376662; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- Ammonia-N was detected between the MDL and the RL in the method blank for batch 376662.
- No other analytical problems were encountered.

RSK-175 CO2 (RSK-175):

McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.



Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868
(714) 771-6900

Chain of Custody Record

Lab No: 537395

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard: X 5 Day: 3 Day: Custom TAT: 1 Day:

Matrix: A = Air S = Soil/Solid
W = Water DW = Drinking Water SD = Sediment
PP = Pure Product SEA = Sea Water
SW = Swab T = Tissue WP = Wipe O = Other

Sample Receipt Temp:

Preservatives:
1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
4 = H₂SO₄ 5 = NaOH 6 = Other

(lab use only)

CUSTOMER INFORMATION				PROJECT INFORMATION				Analysis Request				Test Instructions / Comments			
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo												
Report To:	Steve Cassulo	Number:	661-257-3655												
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:													
Address:	29201 Henry Mayo Drive	Address:													
	Castaic, CA, 91384														
Phone:	661-257-3655	Global ID:	L10003464243												
Fax:		Sampled By:	Paul Chang												
Sample ID	Sample	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	VOCs (EPA 8260B)	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO3	Ammonia-N, Nitrate-N	COD, Cl, SO4, TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide
1	DW-28	7/10/25	827	W	13	var.	X	X	X	X	X	X	X	X	X
2	DW-8		943				X	X	X	X	X	X	X	X	X
3	DW-9		1052				X	X	X	X	X	X	X	X	X
4	DW-29		1154				X	X	X	X	X	X	X	X	X
5	QC FB		831		3		X	X	X	X	X	X	X	X	X
6	QC TB		-		2		X	X	X	X	X	X	X	X	X
7															
8															
9															
10															


Login 537395



cc report to:
pchang@changenvironmental.com Basic
EDD & GeoTracker EDF

Quarterly MPars

1R11 2.6/2.7

Signature	Print Name	Company / Title	Date / Time
	Paul Chang	CEL	7/10/25 1305
	Alice Tabaresian	EA/INH	7/10/25 13:05
	Alice Tabaresian	EA/INH	7/11/25 9:10
	Anna O.	EA/INH	7/11/25 9:10
	Anna O.	EA/INH	7/11/25 12:31
	Anna O.	EA	7/11/25 12:31

Rel By: Paul Chang 7.11.25 1315 - Rec By: Anna O. EA 7/11/25 1315

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 07/10/25 WO# _____ Client: Chi quita Canyon Landfill

Section 2: Shipping / Custody

Are custody seals present? ☐ Yes ☒ No

Custody seals intact on arrival? ☒ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

Shipping Info: walkin

Section 3a: Condition / Packaging

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 07/10/25 By (initials) AXT Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: 1R03 CF: 0.7

Cooler Temp (°C) #1: 223/21.6 #2: _____ / _____ #3: _____ / _____ #4: _____ / _____ #5: _____ / _____ #6: _____ / _____

Section 3b: Microbiology Samples

☒ No microbiology samples submitted (skip 3b)

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples

☒ No air samples submitted (skip 3c)

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples

	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	☒		
2) Is the sampler's name present on the CoC?	☒		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	☒		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	☒		
5) Were all of, and only, the correct samples received?	☒		
6) Are sample labels present, legible, and in agreement with the CoC?	☒		
7) Does the container count match the CoC?	☒		
8) Was sufficient sample volume / mass received for the analyses requested?	☒		
9) Were samples received in proper containers for the analyses requested?	☒		
10) Were samples received with > 1/2 holding time remaining?	☒		
11) Are samples properly preserved as indicated by CoC / labels?	☒		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			☒
13) Are VOA vials free from headspace/bubbles > 6mm?			☒

Section 5: Explanations / Comments

☐ PM notified

Date Logged _____ By (print) _____ (sign) _____

Date Labeled _____ By (print) _____ (sign) _____

Analysis Results for 537395

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 537395
Project No: GW MONITORING
Location: Chiquita Canyon Landfill / Quarterly MPars
Date Received: 07/10/25

Sample ID: DW-28

Lab ID: 537395-001

Collected: 07/10/25 08:27

Matrix: Water

537395-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	1.3		mg/L	0.20	0.073	1	376133	07/11/25 14:25	07/11/25 16:19	SSN
Chloride	36		mg/L	1.0	0.27	1	376133	07/11/25 14:25	07/11/25 16:19	SSN
Bromide	0.17	J	mg/L	0.30	0.060	1	376133	07/11/25 14:25	07/11/25 16:19	SSN
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	376133	07/11/25 14:25	07/11/25 16:19	SSN
Sulfate	470		mg/L	10	1.8	10	376133	07/11/25 14:25	07/11/25 16:36	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	0.29		mg/L	0.10	0.050	1	376662	07/17/25	07/18/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	1.4		mg/L	0.050	0.0062	1	377156	07/23/25	07/23/25	CAP
Calcium	4.7		mg/L	1.0	0.57	1	377156	07/23/25	07/23/25	CAP
Iron	ND		mg/L	0.10	0.041	1	377156	07/23/25	07/23/25	CAP
Magnesium	0.78		mg/L	0.10	0.025	1	377156	07/23/25	07/23/25	CAP
Manganese	0.0036	J	mg/L	0.010	0.0029	1	377156	07/23/25	07/23/25	CAP
Potassium	0.88		mg/L	0.50	0.42	1	377156	07/23/25	07/23/25	CAP
Sodium	370		mg/L	0.50	0.34	1	377156	07/23/25	07/23/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	377123	07/23/25	07/23/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	377123	07/23/25	07/23/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Acetone	ND		ug/L	100	2.1	1	377123	07/23/25	07/23/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.4	1	377123	07/23/25	07/23/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
2-Butanone	ND		ug/L	100	0.6	1	377123	07/23/25	07/23/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST

Analysis Results for 537395

537395-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Benzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377123	07/23/25	07/23/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Toluene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377123	07/23/25	07/23/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.09	1	377123	07/23/25	07/23/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.09	1	377123	07/23/25	07/23/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.09	1	377123	07/23/25	07/23/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
m,p-Xylenes	ND		ug/L	10	0.3	1	377123	07/23/25	07/23/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Styrene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Bromoform	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.09	1	377123	07/23/25	07/23/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Naphthalene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377123	07/23/25	07/23/25	ZST
Xylene (total)	ND		ug/L	5.0		1	377123	07/23/25	07/23/25	ZST
Surrogates				Limits						
Dibromofluoromethane	123%		%REC	70-130		1	377123	07/23/25	07/23/25	ZST

Analysis Results for 537395

537395-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	105%		%REC	70-130		1	377123	07/23/25	07/23/25	ZST
Toluene-d8	98%		%REC	70-130		1	377123	07/23/25	07/23/25	ZST
Bromofluorobenzene	88%		%REC	70-130		1	377123	07/23/25	07/23/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.95	1	376555	07/16/25	07/17/25	ZFA
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	98%		%REC	80-120		1	376555	07/16/25	07/17/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376462	07/15/25	07/15/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	2.2		mg/L	1.0	0.68	1	376674	07/17/25	07/18/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	170		mg/L	5.0		2.5	376939	07/17/25	07/17/25	WWC
Alkalinity, Total as CaCO3	170		mg/L	5.0		2.5	376939	07/17/25	07/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,100		mg/L	20		2	376221	07/13/25	07/14/25	RDL

Analysis Results for 537395

Sample ID: DW-8
Lab ID: 537395-002
Collected: 07/10/25 09:43
Matrix: Water

537395-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.27		mg/L	0.20	0.073	1	376133	07/11/25 14:25	07/11/25 16:53	SSN
Chloride	69		mg/L	1.0	0.27	1	376133	07/11/25 14:25	07/11/25 16:53	SSN
Bromide	0.17	J	mg/L	0.30	0.060	1	376133	07/11/25 14:25	07/11/25 16:53	SSN
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	376133	07/11/25 14:25	07/11/25 16:53	SSN
Sulfate	2,900		mg/L	50	9.1	50	376133	07/11/25 14:25	07/11/25 17:10	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	1.0		mg/L	0.10	0.050	1	376662	07/17/25	07/18/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	1.0		mg/L	0.050	0.0062	1	377156	07/23/25	07/23/25	CAP
Calcium	350		mg/L	1.0	0.57	1	377156	07/23/25	07/23/25	CAP
Iron	5.3		mg/L	0.10	0.041	1	377156	07/23/25	07/23/25	CAP
Magnesium	200		mg/L	0.10	0.025	1	377156	07/23/25	07/23/25	CAP
Manganese	0.066		mg/L	0.010	0.0029	1	377156	07/23/25	07/23/25	CAP
Potassium	6.6		mg/L	0.50	0.42	1	377156	07/23/25	07/23/25	CAP
Sodium	620		mg/L	0.50	0.34	1	377156	07/23/25	07/23/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	377123	07/23/25	07/23/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	377123	07/23/25	07/23/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Acetone	ND		ug/L	100	2.1	1	377123	07/23/25	07/23/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.4	1	377123	07/23/25	07/23/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
2-Butanone	ND		ug/L	100	0.6	1	377123	07/23/25	07/23/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST

Analysis Results for 537395

537395-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377123	07/23/25	07/23/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Toluene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377123	07/23/25	07/23/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.09	1	377123	07/23/25	07/23/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.09	1	377123	07/23/25	07/23/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.09	1	377123	07/23/25	07/23/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
m,p-Xylenes	ND		ug/L	10	0.3	1	377123	07/23/25	07/23/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Styrene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Bromoform	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.09	1	377123	07/23/25	07/23/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Naphthalene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377123	07/23/25	07/23/25	ZST
Xylene (total)	ND		ug/L	5.0		1	377123	07/23/25	07/23/25	ZST
Surrogates				Limits						
Dibromofluoromethane	123%	%REC	70-130		1	377123	07/23/25	07/23/25		ZST
1,2-Dichloroethane-d4	106%	%REC	70-130		1	377123	07/23/25	07/23/25		ZST
Toluene-d8	97%	%REC	70-130		1	377123	07/23/25	07/23/25		ZST
Bromofluorobenzene	115%	%REC	70-130		1	377123	07/23/25	07/23/25		ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 537395

537395-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	376555	07/16/25	07/17/25	ZFA
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	105%		%REC	80-120		1	376555	07/16/25	07/17/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376462	07/15/25	07/15/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	376674	07/17/25	07/18/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	150		mg/L	5.0		2.5	376939	07/17/25	07/17/25	WWC
Alkalinity, Total as CaCO3	150		mg/L	5.0		2.5	376939	07/17/25	07/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	4,800		mg/L	20		2	376221	07/13/25	07/14/25	RDL

Analysis Results for 537395

Sample ID: DW-9
Lab ID: 537395-003
Collected: 07/10/25 10:52
Matrix: Water

537395-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	2.2		mg/L	0.20	0.073	1	376133	07/11/25 14:25	07/11/25 18:00	SSN
Chloride	83		mg/L	1.0	0.27	1	376133	07/11/25 14:25	07/11/25 18:00	SSN
Bromide	0.23	J	mg/L	0.30	0.060	1	376133	07/11/25 14:25	07/11/25 18:00	SSN
Nitrogen, Nitrate	2.3		mg/L	0.10	0.05	1	376133	07/11/25 14:25	07/11/25 18:00	SSN
Sulfate	710		mg/L	10	1.8	10	376133	07/11/25 14:25	07/11/25 18:17	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	376662	07/17/25	07/18/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.58		mg/L	0.050	0.0062	1	377156	07/23/25	07/23/25	CAP
Calcium	21		mg/L	1.0	0.57	1	377156	07/23/25	07/23/25	CAP
Iron	ND		mg/L	0.10	0.041	1	377156	07/23/25	07/23/25	CAP
Magnesium	2.2		mg/L	0.10	0.025	1	377156	07/23/25	07/23/25	CAP
Manganese	ND		mg/L	0.010	0.0029	1	377156	07/23/25	07/23/25	CAP
Potassium	1.4		mg/L	0.50	0.42	1	377156	07/23/25	07/23/25	CAP
Sodium	380		mg/L	0.50	0.34	1	377156	07/23/25	07/23/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	377123	07/23/25	07/23/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	377123	07/23/25	07/23/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Acetone	ND		ug/L	100	2.1	1	377123	07/23/25	07/23/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.4	1	377123	07/23/25	07/23/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
2-Butanone	ND		ug/L	100	0.6	1	377123	07/23/25	07/23/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST

Analysis Results for 537395

537395-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377123	07/23/25	07/23/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Toluene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377123	07/23/25	07/23/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.09	1	377123	07/23/25	07/23/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.09	1	377123	07/23/25	07/23/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.09	1	377123	07/23/25	07/23/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
m,p-Xylenes	ND		ug/L	10	0.3	1	377123	07/23/25	07/23/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Styrene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Bromoform	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.09	1	377123	07/23/25	07/23/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Naphthalene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377123	07/23/25	07/23/25	ZST
Xylene (total)	ND		ug/L	5.0		1	377123	07/23/25	07/23/25	ZST
Surrogates			Limits							
Dibromofluoromethane	123%		%REC	70-130		1	377123	07/23/25	07/23/25	ZST
1,2-Dichloroethane-d4	106%		%REC	70-130		1	377123	07/23/25	07/23/25	ZST
Toluene-d8	98%		%REC	70-130		1	377123	07/23/25	07/23/25	ZST
Bromofluorobenzene	100%		%REC	70-130		1	377123	07/23/25	07/23/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 537395

537395-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	376555	07/16/25	07/17/25	ZFA
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	92%		%REC	80-120		1	376555	07/16/25	07/17/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376462	07/15/25	07/15/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	1.3		mg/L	1.0	0.68	1	376674	07/17/25	07/18/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	130		mg/L	5.0		2.5	376939	07/17/25	07/17/25	WWC
Alkalinity, Total as CaCO3	130		mg/L	5.0		2.5	376939	07/17/25	07/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,300		mg/L	20		2	376221	07/13/25	07/14/25	RDL

Analysis Results for 537395

Sample ID: DW-29
Lab ID: 537395-004
Collected: 07/10/25 11:54
Matrix: Water

537395-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.42		mg/L	0.20	0.073	1	376133	07/11/25 14:25	07/11/25 18:34	SSN
Chloride	93		mg/L	1.0	0.27	1	376133	07/11/25 14:25	07/11/25 18:34	SSN
Bromide	0.30	J	mg/L	0.30	0.060	1	376133	07/11/25 14:25	07/11/25 18:34	SSN
Nitrogen, Nitrate	2.5		mg/L	0.10	0.05	1	376133	07/11/25 14:25	07/11/25 18:34	SSN
Sulfate	360		mg/L	10	1.8	10	376133	07/11/25 14:25	07/11/25 18:51	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	376662	07/17/25	07/18/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.34		mg/L	0.050	0.0062	1	377156	07/23/25	07/23/25	CAP
Calcium	65		mg/L	1.0	0.57	1	377156	07/23/25	07/23/25	CAP
Iron	0.21		mg/L	0.10	0.041	1	377156	07/23/25	07/23/25	CAP
Magnesium	8.6		mg/L	0.10	0.025	1	377156	07/23/25	07/23/25	CAP
Manganese	0.33		mg/L	0.010	0.0029	1	377156	07/23/25	07/23/25	CAP
Potassium	1.4		mg/L	0.50	0.42	1	377156	07/23/25	07/23/25	CAP
Sodium	230		mg/L	0.50	0.34	1	377156	07/23/25	07/23/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377217	07/24/25	07/24/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	377217	07/24/25	07/24/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	377217	07/24/25	07/24/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
Acetone	ND		ug/L	100	8.8	1	377217	07/24/25	07/24/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	377217	07/24/25	07/24/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	377217	07/24/25	07/24/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377217	07/24/25	07/24/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST

Analysis Results for 537395

537395-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377217	07/24/25	07/24/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377217	07/24/25	07/24/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	377217	07/24/25	07/24/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	377217	07/24/25	07/24/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377217	07/24/25	07/24/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377217	07/24/25	07/24/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	377217	07/24/25	07/24/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377217	07/24/25	07/24/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377217	07/24/25	07/24/25	ZST
Xylene (total)	ND		ug/L	5.0		1	377217	07/24/25	07/24/25	ZST
Surrogates				Limits						
Dibromofluoromethane	105%	%REC	70-130		1	377217	07/24/25	07/24/25		ZST
1,2-Dichloroethane-d4	107%	%REC	70-130		1	377217	07/24/25	07/24/25		ZST
Toluene-d8	99%	%REC	70-130		1	377217	07/24/25	07/24/25		ZST
Bromofluorobenzene	98%	%REC	70-130		1	377217	07/24/25	07/24/25		ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 537395

537395-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	376555	07/16/25	07/17/25	ZFA
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	107%		%REC	80-120		1	376555	07/16/25	07/17/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376462	07/15/25	07/15/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	6.2		mg/L	1.0	0.68	1	376674	07/17/25	07/18/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	260		mg/L	5.0	2.5	376479	07/16/25	07/16/25	07/16/25	ARM
Alkalinity, Total as CaCO3	260		mg/L	5.0	2.5	376479	07/16/25	07/16/25	07/16/25	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	970		mg/L	20		2	376221	07/13/25	07/14/25	RDL

Analysis Results for 537395

Sample ID: QCFB
Lab ID: 537395-005
Collected: 07/10/25 08:31
Matrix: Water

537395-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377217	07/24/25	07/24/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	377217	07/24/25	07/24/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	377217	07/24/25	07/24/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
Acetone	ND		ug/L	100	8.8	1	377217	07/24/25	07/24/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	377217	07/24/25	07/24/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	377217	07/24/25	07/24/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST
Chloroform	0.6	J	ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377217	07/24/25	07/24/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST
Benzene	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377217	07/24/25	07/24/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377217	07/24/25	07/24/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	377217	07/24/25	07/24/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	377217	07/24/25	07/24/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST

Analysis Results for 537395

537395-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377217	07/24/25	07/24/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377217	07/24/25	07/24/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	377217	07/24/25	07/24/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377217	07/24/25	07/24/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377217	07/24/25	07/24/25	ZST
Xylene (total)	ND		ug/L	5.0		1	377217	07/24/25	07/24/25	ZST
Surrogates	Limits									
Dibromofluoromethane	102%		%REC	70-130		1	377217	07/24/25	07/24/25	ZST
1,2-Dichloroethane-d4	103%		%REC	70-130		1	377217	07/24/25	07/24/25	ZST
Toluene-d8	102%		%REC	70-130		1	377217	07/24/25	07/24/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	377217	07/24/25	07/24/25	ZST

Analysis Results for 537395

Sample ID: QCTB
Lab ID: 537395-006
Collected: 07/10/25
Matrix: Water

537395-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377217	07/24/25	07/24/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	377217	07/24/25	07/24/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	377217	07/24/25	07/24/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
Acetone	ND		ug/L	100	8.8	1	377217	07/24/25	07/24/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
Methylene Chloride	0.3	J	ug/L	5.0	0.2	1	377217	07/24/25	07/24/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	377217	07/24/25	07/24/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST
Chloroform	0.7	J	ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377217	07/24/25	07/24/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST
Benzene	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377217	07/24/25	07/24/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377217	07/24/25	07/24/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	377217	07/24/25	07/24/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	377217	07/24/25	07/24/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST

Analysis Results for 537395

537395-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377217	07/24/25	07/24/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377217	07/24/25	07/24/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	377217	07/24/25	07/24/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377217	07/24/25	07/24/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377217	07/24/25	07/24/25	ZST
Xylene (total)	ND		ug/L	5.0		1	377217	07/24/25	07/24/25	ZST
Surrogates	Limits									
Dibromofluoromethane	104%		%REC	70-130		1	377217	07/24/25	07/24/25	ZST
1,2-Dichloroethane-d4	105%		%REC	70-130		1	377217	07/24/25	07/24/25	ZST
Toluene-d8	100%		%REC	70-130		1	377217	07/24/25	07/24/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	377217	07/24/25	07/24/25	ZST

J Estimated value
ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1273497	Batch: 376133
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1273497 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	07/11/25 14:25	07/11/25 14:39
Chloride	ND		mg/L	1.0	0.27	07/11/25 14:25	07/11/25 14:39
Bromide	ND		mg/L	0.30	0.060	07/11/25 14:25	07/11/25 14:39
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	07/11/25 14:25	07/11/25 14:39
Sulfate	ND		mg/L	1.0	0.18	07/11/25 14:25	07/11/25 14:39

Type: Lab Control Sample	Lab ID: QC1273498	Batch: 376133
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1273498 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	10.17	10.00	mg/L	102%		90-110
Chloride	49.22	50.00	mg/L	98%		90-110
Bromide	15.37	15.00	mg/L	102%		90-110
Nitrogen, Nitrate	4.722	4.518	mg/L	105%		90-110
Sulfate	25.35	25.00	mg/L	101%		90-110

Type: Matrix Spike	Lab ID: QC1273499	Batch: 376133
Matrix (Source ID): Water (537363-001)	Method: EPA 300.0	Prep Method: METHOD

QC1273499 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	20.49	0.2877	20.00	mg/L	101%		80-129	1
Chloride	110.2	6.177	100.0	mg/L	104%		80-123	1
Bromide	15.20	ND	15.00	mg/L	101%		80-121	1
Nitrogen, Nitrate	10.58	1.188	9.036	mg/L	104%		80-123	1
Sulfate	58.10	7.402	50.00	mg/L	101%		79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1273500	Batch: 376133
Matrix (Source ID): Water (537363-001)	Method: EPA 300.0	Prep Method: METHOD

QC1273500 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	20.37	0.2877	20.00	mg/L	100%		80-129	1	21	1
Chloride	109.8	6.177	100.0	mg/L	104%		80-123	0	20	1
Bromide	15.13	ND	15.00	mg/L	101%		80-121	0	20	1
Nitrogen, Nitrate	10.58	1.188	9.036	mg/L	104%		80-123	0	20	1
Sulfate	57.86	7.402	50.00	mg/L	101%		79-124	0	20	1

Type: Blank	Lab ID: QC1275222	Batch: 376662
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1275222 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	07/17/25	07/18/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1275223	Batch: 376662
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1275223 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.022	1.000	mg/L	102%		90-110

Type: Matrix Spike	Lab ID: QC1275226	Batch: 376662
Matrix (Source ID): Water (537333-001)	Method: EPA 350.1	Prep Method: METHOD

QC1275226 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.083	0.2261	1.000	mg/L	86%	*	90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1275227	Batch: 376662
Matrix (Source ID): Water (537333-001)	Method: EPA 350.1	Prep Method: METHOD

QC1275227 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.137	0.2261	1.000	mg/L	91%		90-110	5	20	1

Type: Matrix Spike	Lab ID: QC1275228	Batch: 376662
Matrix (Source ID): Water (537333-002)	Method: EPA 350.1	Prep Method: METHOD

QC1275228 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.094	0.1108	1.000	mg/L	98%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1275229	Batch: 376662
Matrix (Source ID): Water (537333-002)	Method: EPA 350.1	Prep Method: METHOD

QC1275229 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.086	0.1108	1.000	mg/L	98%		90-110	1	20	1

Type: Blank	Lab ID: QC1275558	Batch: 376662
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1275558 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	0.069	J	mg/L	0.10	0.050	07/17/25	07/18/25

Type: Blank	Lab ID: QC1276657	Batch: 377063
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1276657 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	07/22/25	07/23/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1276658	Batch: 377063
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1276658 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	91.00	100.0	mg/L	91%		90-110

Type: Matrix Spike	Lab ID: QC1276659	Batch: 377063
Matrix (Source ID): Water (537395-001)	Method: EPA 410.4	Prep Method: METHOD

QC1276659 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	86.00	ND	100.0	mg/L	86%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1276660	Batch: 377063
Matrix (Source ID): Water (537395-001)	Method: EPA 410.4	Prep Method: METHOD

QC1276660 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Chemical Oxygen Demand	80.00	ND	100.0	mg/L	80%		75-125	7	20	2

Type: Matrix Spike	Lab ID: QC1276796	Batch: 377063
Matrix (Source ID): Water (537753-004)	Method: EPA 410.4	Prep Method: METHOD

QC1276796 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	74.00	ND	100.0	mg/L	74%	*	75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1276797	Batch: 377063
Matrix (Source ID): Water (537753-004)	Method: EPA 410.4	Prep Method: METHOD

QC1276797 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Chemical Oxygen Demand	74.00	ND	100.0	mg/L	74%	*	75-125	0	20	2

Type: Blank	Lab ID: QC1276996	Batch: 377156
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1276996 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0062	07/23/25	07/23/25
Calcium	ND		mg/L	0.57	0.57	07/23/25	07/23/25
Iron	ND		mg/L	0.041	0.041	07/23/25	07/23/25
Magnesium	ND		mg/L	0.10	0.025	07/23/25	07/23/25
Manganese	ND		mg/L	0.010	0.0029	07/23/25	07/23/25
Potassium	ND		mg/L	0.50	0.42	07/23/25	07/23/25
Sodium	ND		mg/L	0.50	0.34	07/23/25	07/23/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1276997	Batch: 377156
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1276997 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3516	0.4000	mg/L	88%		80-120
Calcium	18.33	20.40	mg/L	90%		80-120
Iron	0.3714	0.4000	mg/L	93%		80-120
Magnesium	18.69	20.40	mg/L	92%		80-120
Manganese	0.3683	0.4000	mg/L	92%		80-120
Potassium	21.39	24.00	mg/L	89%		80-120
Sodium	18.70	20.40	mg/L	92%		80-120

Type: Matrix Spike	Lab ID: QC1276998	Batch: 377156
Matrix (Source ID): Water (537395-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1276998 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	1.719	1.367	0.4000	mg/L	88%		75-125	1
Calcium	22.54	4.672	20.40	mg/L	88%		75-125	1
Iron	0.3772	ND	0.4000	mg/L	94%		75-125	1
Magnesium	19.03	0.7834	20.40	mg/L	89%		75-125	1
Manganese	0.3668	0.003580	0.4000	mg/L	91%		75-125	1
Potassium	23.19	0.8843	24.00	mg/L	93%		75-125	1
Sodium	380.8	365.8	20.40	mg/L	73%	NM	75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1276999	Batch: 377156
Matrix (Source ID): Water (537395-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1276999 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	1.721	1.367	0.4000	mg/L	89%		75-125	0	20	1
Calcium	22.78	4.672	20.40	mg/L	89%		75-125	1	20	1
Iron	0.3797	ND	0.4000	mg/L	95%		75-125	1	22	1
Magnesium	19.28	0.7834	20.40	mg/L	91%		75-125	1	20	1
Manganese	0.3707	0.003580	0.4000	mg/L	92%		75-125	1	20	1
Potassium	23.44	0.8843	24.00	mg/L	94%		75-125	1	20	1
Sodium	378.8	365.8	20.40	mg/L	63%	NM	75-125	1	20	1

Batch QC

Type: Serial Dilution	Lab ID: QC1277079	Batch: 377156
Matrix (Source ID): Water (537395-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1277079 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	1.353	1.367	mg/L				5
Calcium	4.641	4.672	mg/L				5
Iron	ND	ND	mg/L				5
Magnesium	0.7449	0.7834	mg/L				5
Manganese	ND	0.003580	mg/L				5
Potassium	ND	0.8843	mg/L				5
Sodium	366.1	365.8	mg/L				5

Batch QC

Type: Blank	Lab ID: QC1276843	Batch: 377123
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1276843 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.2	07/23/25	07/23/25
Freon 12	ND		ug/L	5.0	0.2	07/23/25	07/23/25
Chloromethane	ND		ug/L	5.0	0.1	07/23/25	07/23/25
Vinyl Chloride	ND		ug/L	5.0	0.2	07/23/25	07/23/25
Bromomethane	ND		ug/L	5.0	0.3	07/23/25	07/23/25
Chloroethane	ND		ug/L	5.0	0.3	07/23/25	07/23/25
Trichlorofluoromethane	ND		ug/L	5.0	0.2	07/23/25	07/23/25
Acetone	ND		ug/L	100	2.1	07/23/25	07/23/25
Freon 113	ND		ug/L	5.0	0.1	07/23/25	07/23/25
1,1-Dichloroethene	ND		ug/L	5.0	0.2	07/23/25	07/23/25
Methylene Chloride	ND		ug/L	5.0	0.4	07/23/25	07/23/25
MTBE	ND		ug/L	5.0	0.1	07/23/25	07/23/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.2	07/23/25	07/23/25
1,1-Dichloroethane	ND		ug/L	5.0	0.1	07/23/25	07/23/25
2-Butanone	ND		ug/L	100	0.6	07/23/25	07/23/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	07/23/25	07/23/25
2,2-Dichloropropane	ND		ug/L	5.0	0.2	07/23/25	07/23/25
Chloroform	ND		ug/L	5.0	0.1	07/23/25	07/23/25
Bromochloromethane	ND		ug/L	5.0	0.2	07/23/25	07/23/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	07/23/25	07/23/25
1,1-Dichloropropene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
Carbon Tetrachloride	ND		ug/L	5.0	0.1	07/23/25	07/23/25
1,2-Dichloroethane	ND		ug/L	5.0	0.1	07/23/25	07/23/25
Benzene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
Trichloroethene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
1,2-Dichloropropane	ND		ug/L	5.0	0.1	07/23/25	07/23/25
Bromodichloromethane	ND		ug/L	5.0	0.2	07/23/25	07/23/25
Dibromomethane	ND		ug/L	5.0	0.2	07/23/25	07/23/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	07/23/25	07/23/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
Toluene	ND		ug/L	5.0	0.2	07/23/25	07/23/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	07/23/25	07/23/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	07/23/25	07/23/25
Tetrachloroethene	ND		ug/L	5.0	0.09	07/23/25	07/23/25
Dibromochloromethane	ND		ug/L	5.0	0.09	07/23/25	07/23/25
1,2-Dibromoethane	ND		ug/L	5.0	0.09	07/23/25	07/23/25
Chlorobenzene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.09	07/23/25	07/23/25
Ethylbenzene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
m,p-Xylenes	ND		ug/L	10	0.3	07/23/25	07/23/25
o-Xylene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
Styrene	ND		ug/L	5.0	0.2	07/23/25	07/23/25
Bromoform	ND		ug/L	5.0	0.1	07/23/25	07/23/25
Isopropylbenzene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.09	07/23/25	07/23/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.1	07/23/25	07/23/25

Batch QC

QC1276843 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
Bromobenzene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
2-Chlorotoluene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
4-Chlorotoluene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
tert-Butylbenzene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
sec-Butylbenzene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
n-Butylbenzene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.2	07/23/25	07/23/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
Hexachlorobutadiene	ND		ug/L	5.0	0.2	07/23/25	07/23/25
Naphthalene	ND		ug/L	5.0	0.2	07/23/25	07/23/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	07/23/25	07/23/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	07/23/25	07/23/25
Xylene (total)	ND		ug/L	5.0		07/23/25	07/23/25
Surrogates	Limits						
Dibromofluoromethane	116%		%REC	70-130		07/23/25	07/23/25
1,2-Dichloroethane-d4	103%		%REC	70-130		07/23/25	07/23/25
Toluene-d8	99%		%REC	70-130		07/23/25	07/23/25
Bromofluorobenzene	90%		%REC	70-130		07/23/25	07/23/25

Type: Lab Control Sample
Matrix: Water

Lab ID: QC1276844
Method: EPA 8260B

Batch: 377123
Prep Method: EPA 5030B

QC1276844 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	43.93	50.00	ug/L	88%		69-128
MTBE	44.10	50.00	ug/L	88%		66-125
Benzene	44.91	50.00	ug/L	90%		76-121
Trichloroethene	47.48	50.00	ug/L	95%		76-124
Toluene	44.09	50.00	ug/L	88%		76-120
Chlorobenzene	44.12	50.00	ug/L	88%		78-120
Surrogates						
Dibromofluoromethane	51.71	50.00	ug/L	103%		70-130
1,2-Dichloroethane-d4	45.83	50.00	ug/L	92%		70-130
Toluene-d8	49.50	50.00	ug/L	99%		70-130
Bromofluorobenzene	49.92	50.00	ug/L	100%		70-130

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1276845	Batch: 377123
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1276845 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	43.70	50.00	ug/L	87%		69-128	1	23
MTBE	42.29	50.00	ug/L	85%		66-125	4	22
Benzene	44.22	50.00	ug/L	88%		76-121	2	21
Trichloroethene	46.79	50.00	ug/L	94%		76-124	1	22
Toluene	43.97	50.00	ug/L	88%		76-120	0	21
Chlorobenzene	44.08	50.00	ug/L	88%		78-120	0	20
Surrogates								
Dibromofluoromethane	51.79	50.00	ug/L	104%		70-130		
1,2-Dichloroethane-d4	46.11	50.00	ug/L	92%		70-130		
Toluene-d8	50.19	50.00	ug/L	100%		70-130		
Bromofluorobenzene	49.14	50.00	ug/L	98%		70-130		

Type: Matrix Spike	Lab ID: QC1276851	Batch: 377123
Matrix (Source ID): Water (537599-002)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1276851 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	16.62	ND	20.00	ug/L	83%		62-131	1
MTBE	15.93	ND	20.00	ug/L	80%		61-124	1
Benzene	18.00	0.1942	20.00	ug/L	89%		70-123	1
Trichloroethene	19.28	ND	20.00	ug/L	96%		65-131	1
Toluene	17.91	0.4117	20.00	ug/L	87%		69-120	1
Chlorobenzene	18.36	ND	20.00	ug/L	92%		72-121	1
Surrogates								
Dibromofluoromethane	48.66		50.00	ug/L	97%		70-130	1
1,2-Dichloroethane-d4	45.87		50.00	ug/L	92%		70-130	1
Toluene-d8	49.07		50.00	ug/L	98%		70-130	1
Bromofluorobenzene	53.60		50.00	ug/L	107%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1276852	Batch: 377123
Matrix (Source ID): Water (537599-002)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1276852 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	14.69	ND	20.00	ug/L	73%		62-131	12	31	1
MTBE	14.79	ND	20.00	ug/L	74%		61-124	7	30	1
Benzene	16.59	0.1942	20.00	ug/L	82%		70-123	8	31	1
Trichloroethene	16.56	ND	20.00	ug/L	83%		65-131	15	31	1
Toluene	15.10	0.4117	20.00	ug/L	73%		69-120	17	29	1
Chlorobenzene	16.58	ND	20.00	ug/L	83%		72-121	10	29	1
Surrogates										
Dibromofluoromethane	48.75		50.00	ug/L	98%		70-130			1
1,2-Dichloroethane-d4	45.99		50.00	ug/L	92%		70-130			1
Toluene-d8	45.16		50.00	ug/L	90%		70-130			1
Bromofluorobenzene	51.31		50.00	ug/L	103%		70-130			1

Batch QC

Type: Blank	Lab ID: QC1277185	Batch: 377217
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1277185 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.2	07/23/25	07/23/25
Freon 12	ND		ug/L	5.0	0.2	07/23/25	07/23/25
Chloromethane	ND		ug/L	5.0	0.1	07/23/25	07/23/25
Vinyl Chloride	ND		ug/L	5.0	0.1	07/23/25	07/23/25
Bromomethane	ND		ug/L	5.0	0.3	07/23/25	07/23/25
Chloroethane	ND		ug/L	5.0	0.05	07/23/25	07/23/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	07/23/25	07/23/25
Acetone	ND		ug/L	100	8.8	07/23/25	07/23/25
Freon 113	ND		ug/L	5.0	0.1	07/23/25	07/23/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
Methylene Chloride	ND		ug/L	5.0	0.2	07/23/25	07/23/25
MTBE	ND		ug/L	5.0	0.1	07/23/25	07/23/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
1,1-Dichloroethane	ND		ug/L	5.0	0.07	07/23/25	07/23/25
2-Butanone	ND		ug/L	100	0.9	07/23/25	07/23/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	07/23/25	07/23/25
2,2-Dichloropropane	ND		ug/L	5.0	0.09	07/23/25	07/23/25
Chloroform	ND		ug/L	5.0	0.07	07/23/25	07/23/25
Bromochloromethane	ND		ug/L	5.0	0.1	07/23/25	07/23/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	07/23/25	07/23/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	07/23/25	07/23/25
Carbon Tetrachloride	ND		ug/L	5.0	0.07	07/23/25	07/23/25
1,2-Dichloroethane	ND		ug/L	5.0	0.09	07/23/25	07/23/25
Benzene	ND		ug/L	5.0	0.07	07/23/25	07/23/25
Trichloroethene	ND		ug/L	5.0	0.05	07/23/25	07/23/25
1,2-Dichloropropane	ND		ug/L	5.0	0.07	07/23/25	07/23/25
Bromodichloromethane	ND		ug/L	5.0	0.05	07/23/25	07/23/25
Dibromomethane	ND		ug/L	5.0	0.1	07/23/25	07/23/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	07/23/25	07/23/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	07/23/25	07/23/25
Toluene	ND		ug/L	5.0	0.05	07/23/25	07/23/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	07/23/25	07/23/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	07/23/25	07/23/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	07/23/25	07/23/25
Tetrachloroethene	ND		ug/L	5.0	0.09	07/23/25	07/23/25
Dibromochloromethane	ND		ug/L	5.0	0.07	07/23/25	07/23/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	07/23/25	07/23/25
Chlorobenzene	ND		ug/L	5.0	0.05	07/23/25	07/23/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	07/23/25	07/23/25
Ethylbenzene	ND		ug/L	5.0	0.04	07/23/25	07/23/25
m,p-Xylenes	ND		ug/L	10	0.1	07/23/25	07/23/25
o-Xylene	ND		ug/L	5.0	0.06	07/23/25	07/23/25
Styrene	ND		ug/L	5.0	0.06	07/23/25	07/23/25
Bromoform	ND		ug/L	5.0	0.08	07/23/25	07/23/25
Isopropylbenzene	ND		ug/L	5.0	0.06	07/23/25	07/23/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	07/23/25	07/23/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	07/23/25	07/23/25

Batch QC

QC1277185 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.05	07/23/25	07/23/25
Bromobenzene	ND		ug/L	5.0	0.06	07/23/25	07/23/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	07/23/25	07/23/25
2-Chlorotoluene	ND		ug/L	5.0	0.07	07/23/25	07/23/25
4-Chlorotoluene	ND		ug/L	5.0	0.08	07/23/25	07/23/25
tert-Butylbenzene	ND		ug/L	5.0	0.07	07/23/25	07/23/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	07/23/25	07/23/25
sec-Butylbenzene	ND		ug/L	5.0	0.06	07/23/25	07/23/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	07/23/25	07/23/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	07/23/25	07/23/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	07/23/25	07/23/25
n-Butylbenzene	ND		ug/L	5.0	0.08	07/23/25	07/23/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	07/23/25	07/23/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	07/23/25	07/23/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
Hexachlorobutadiene	ND		ug/L	5.0	0.06	07/23/25	07/23/25
Naphthalene	ND		ug/L	5.0	0.3	07/23/25	07/23/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	07/23/25	07/23/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	07/23/25	07/23/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	07/23/25	07/23/25
Xylene (total)	ND		ug/L	5.0		07/23/25	07/23/25
Surrogates	Limits						
Dibromofluoromethane	105%		%REC	70-130		07/23/25	07/23/25
1,2-Dichloroethane-d4	106%		%REC	70-130		07/23/25	07/23/25
Toluene-d8	101%		%REC	70-130		07/23/25	07/23/25
Bromofluorobenzene	97%		%REC	70-130		07/23/25	07/23/25

Type: Lab Control Sample
Matrix: Water

Lab ID: QC1277186
Method: EPA 8260B

Batch: 377217
Prep Method: EPA 5030B

QC1277186 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	45.10	50.00	ug/L	90%		69-128
MTBE	46.73	50.00	ug/L	93%		66-125
Benzene	46.48	50.00	ug/L	93%		76-121
Trichloroethene	47.92	50.00	ug/L	96%		76-124
Toluene	46.13	50.00	ug/L	92%		76-120
Chlorobenzene	46.29	50.00	ug/L	93%		78-120
Surrogates						
Dibromofluoromethane	47.96	50.00	ug/L	96%		70-130
1,2-Dichloroethane-d4	48.37	50.00	ug/L	97%		70-130
Toluene-d8	50.30	50.00	ug/L	101%		70-130
Bromofluorobenzene	50.44	50.00	ug/L	101%		70-130

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1277187	Batch: 377217
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1277187 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	47.53	50.00	ug/L	95%		69-128	5	23
MTBE	50.22	50.00	ug/L	100%		66-125	7	22
Benzene	48.98	50.00	ug/L	98%		76-121	5	21
Trichloroethene	50.80	50.00	ug/L	102%		76-124	6	22
Toluene	48.38	50.00	ug/L	97%		76-120	5	21
Chlorobenzene	48.99	50.00	ug/L	98%		78-120	6	20
Surrogates								
Dibromofluoromethane	47.89	50.00	ug/L	96%		70-130		
1,2-Dichloroethane-d4	47.92	50.00	ug/L	96%		70-130		
Toluene-d8	50.84	50.00	ug/L	102%		70-130		
Bromofluorobenzene	50.43	50.00	ug/L	101%		70-130		

Type: Matrix Spike	Lab ID: QC1277269	Batch: 377217
Matrix (Source ID): Water (537909-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1277269 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	19.59	ND	20.00	ug/L	98%		62-131	1
MTBE	19.26	ND	20.00	ug/L	96%		61-124	1
Benzene	19.71	ND	20.00	ug/L	99%		70-123	1
Trichloroethene	20.30	ND	20.00	ug/L	102%		65-131	1
Toluene	19.36	ND	20.00	ug/L	97%		69-120	1
Chlorobenzene	19.79	ND	20.00	ug/L	99%		72-121	1
Surrogates								
Dibromofluoromethane	48.89		50.00	ug/L	98%		70-130	1
1,2-Dichloroethane-d4	49.95		50.00	ug/L	100%		70-130	1
Toluene-d8	50.01		50.00	ug/L	100%		70-130	1
Bromofluorobenzene	50.26		50.00	ug/L	101%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1277270	Batch: 377217
Matrix (Source ID): Water (537909-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1277270 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	19.20	ND	20.00	ug/L	96%		62-131	2	31	1
MTBE	19.80	ND	20.00	ug/L	99%		61-124	3	30	1
Benzene	19.90	ND	20.00	ug/L	99%		70-123	1	31	1
Trichloroethene	21.48	ND	20.00	ug/L	107%		65-131	6	31	1
Toluene	19.87	ND	20.00	ug/L	99%		69-120	3	29	1
Chlorobenzene	20.50	ND	20.00	ug/L	103%		72-121	4	29	1
Surrogates										
Dibromofluoromethane	47.86		50.00	ug/L	96%		70-130			1
1,2-Dichloroethane-d4	48.11		50.00	ug/L	96%		70-130			1
Toluene-d8	50.85		50.00	ug/L	102%		70-130			1
Bromofluorobenzene	49.80		50.00	ug/L	100%		70-130			1

Type: Blank	Lab ID: QC1274864	Batch: 376555
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1274864 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.95	07/16/25	07/17/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	102%		%REC	80-120		07/16/25	07/17/25

Type: Lab Control Sample	Lab ID: QC1274866	Batch: 376555
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1274866 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	11.56	10.00	ug/L	116%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.51	10.00	ug/L	105%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1274867	Batch: 376555
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1274867 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	9.914	10.00	ug/L	99%		79-120	15	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.09	10.00	ug/L	101%		80-120		

Type: Blank	Lab ID: QC1274585	Batch: 376462
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1274585 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		07/15/25	07/15/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1274586	Batch: 376462
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1274586 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1274587	Batch: 376462
Matrix (Source ID): Drinking Water (537539-003)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1274587 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1274588	Batch: 376462
Matrix (Source ID): Drinking Water (537539-003)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1274588 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	0	20	1

Type: Blank	Lab ID: QC1275252	Batch: 376674
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1275252 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.68	07/17/25	07/17/25

Type: Lab Control Sample	Lab ID: QC1275253	Batch: 376674
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1275253 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	23.94	25.00	mg/L	96%		85-115

Type: Matrix Spike	Lab ID: QC1275254	Batch: 376674
Matrix (Source ID): Water (537831-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1275254 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	47,130	33370	12500	mg/L	110%		75-125	500

Type: Matrix Spike Duplicate	Lab ID: QC1275255	Batch: 376674
Matrix (Source ID): Water (537831-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1275255 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Total Organic Carbon	47,440	33370	12500	mg/L	113%		75-125	1	25	500

Batch QC

Type: Blank	Lab ID: QC1276225	Batch: 376939
Matrix: Drinking Water	Method: SM2320B	Prep Method: METHOD

QC1276225 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		07/17/25	07/17/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		07/17/25	07/17/25

Type: Lab Control Sample	Lab ID: QC1276226	Batch: 376939
Matrix: Drinking Water	Method: SM2320B	Prep Method: METHOD

QC1276226 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	922.4	1000	mg/L	92%		90-110

Type: Sample Duplicate	Lab ID: QC1276229	Batch: 376939
Matrix (Source ID): Water (537631-002)	Method: SM2320B	Prep Method: METHOD

QC1276229 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	178.6	179.9	mg/L		1	20	2.5
Alkalinity, Total as CaCO ₃	178.6	179.9	mg/L		1	20	2.5

Type: Blank	Lab ID: QC1274654	Batch: 376479
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1274654 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		07/16/25	07/16/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		07/16/25	07/16/25

Type: Lab Control Sample	Lab ID: QC1274655	Batch: 376479
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1274655 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	934.1	1000	mg/L	93%		90-110

Type: Sample Duplicate	Lab ID: QC1274656	Batch: 376479
Matrix (Source ID): Drinking Water (536938-002)	Method: SM2320B	Prep Method: METHOD

QC1274656 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	166.5	166.5	mg/L		0	20	2.5
Alkalinity, Total as CaCO ₃	180.4	180.4	mg/L		0	20	2.5

Type: Blank	Lab ID: QC1273788	Batch: 376221
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1273788 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		07/13/25	07/14/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1273789	Batch: 376221
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1273789 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	992.0	1000	mg/L	99%		90-110

Type: Sample Duplicate	Lab ID: QC1273790	Batch: 376221
Matrix (Source ID): Water (537395-001)	Method: SM2540C	Prep Method: METHOD

QC1273790 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	1,118	1086	mg/L		3	5	2

Type: Sample Duplicate	Lab ID: QC1273791	Batch: 376221
Matrix (Source ID): Water (537452-001)	Method: SM2540C	Prep Method: METHOD

QC1273791 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	4,440	4420	mg/L		0	5	4

* Value is outside QC limits
J Estimated value
ND Not Detected
NM Not Meaningful

Laboratory Job Number 537395

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2507825

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-537395

Project Location:

Project Received: 07/15/2025

Analytical Report reviewed & approved for release on 07/17/2025 by:

Yen Cao

Project Manager

McC Campbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.



Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2507825

Project: EO-537395

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit ¹
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit ²
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

¹ MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

² RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.



Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2507825

Project: EO-537395

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	"Too Numerous to Count," greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Analytical Report

Client: Enthalpy Analytical
Date Received: 07/15/2025 9:29
Date Prepared: 07/15/2025
Project: EO-537395

WorkOrder: 2507825
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-28	2507825-001A	Water	07/10/2025 08:27	GC26 0715250104.D	321587

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	1300	50	50	1	07/15/2025 15:45

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-8	2507825-002A	Water	07/10/2025 09:43	GC26 0715250106.D	321587

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	34,000	2000	2000	40	07/15/2025 16:33

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-9	2507825-003A	Water	07/10/2025 10:52	GC26 0715250107.D	321587

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	920	50	50	1	07/15/2025 17:01

Analyst(s): CLO

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 07/15/2025 9:29
Date Prepared: 07/15/2025
Project: EO-537395

WorkOrder: 2507825
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-29	2507825-004A	Water	07/10/2025 11:54	GC26 0715250109.D	321587

Analytes	Result	MDL	RL	DE	Date Analyzed
Carbon Dioxide	9900	500	500	10	07/15/2025 17:30

Analyst(s): CLO



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 07/15/2025
Date Analyzed: 07/15/2025
Instrument: GC26
Matrix: Water
Project: EO-537395

WorkOrder: 2507825
BatchID: 321587
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-321587

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	130	150	187.2	71	79	70-130	9.94	30

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2507825

ClientCode: ENO

☐ WaterTrax

☐ CLIP

☐ EDF

☐ EQuIS

☐ Dry-Weight

☒ Email

☐ HardCopy

☐ ThirdParty

☒ J-flag

☐ Detection Summary

☒ Excel [A1_Standard_QC]

Report to:

Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 079649
Project: EO-537395

Bill to:

Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT:

2 days;

Date Received: 07/15/2025

Date Logged: 07/15/2025

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2507825-001	DW-28	Water	7/10/2025 08:27	☐	A	A										
2507825-002	DW-8	Water	7/10/2025 09:43	☐	A	A										
2507825-003	DW-9	Water	7/10/2025 10:52	☐	A	A										
2507825-004	DW-29	Water	7/10/2025 11:54	☐	A	A										

Test Legend:

1	PRDisposal Fee
5	
9	

2	RSK175_CO2_W
6	
10	

3	
7	
11	

4	
8	
12	

Prepared by: Agustina Venegas

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL

Project: EO-537395

Work Order: 2507825

Client Contact: Zach Barker

QC Level: LEVEL 2

Contact's Email: zach.barker@enthalpy.com

Comments:

Date Logged: 7/15/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☒ Excel ☐ EQUIS ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-28	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	7/10/2025 8:27	2 days	7/17/2025	None	☐	☐
002A	DW-8	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	7/10/2025 9:43	2 days	7/17/2025	Present	☐	☐
003A	DW-9	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	7/10/2025 10:52	2 days	7/17/2025	None	☐	☐
004A	DW-29	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	7/10/2025 11:54	2 days	7/17/2025	Present	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U** = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.

2507825



931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:

McC Campbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 243367
PO #: PO-079649

Enthalpy Order: EO-537395

PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel
EDD

Notes:

Chiquita Canyon Landfill

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
✓ DW-28	10-JUL-2025 08:27	537395-001	2	Water	RSK-175 CO2	
† DW-8	10-JUL-2025 09:43	537395-002	2	Water	RSK-175 CO2	
✓ DW-9	10-JUL-2025 10:52	537395-003	2	Water	RSK-175 CO2	
† DW-29	10-JUL-2025 11:54	537395-004	2	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	<i>Anna Polite</i>	<i>Chiquita Canyon</i>
	Date: 7-14-25 14:30	Date: 7/15/25 09:29
	Date:	Date:
	Date:	Date:
	Date:	Date:



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-537395

Date and Time Received: 7/15/2025 09:29
Date Logged: 7/15/2025
Received by: Agustina Venegas
Logged by: Agustina Venegas

WorkOrder No: 2507825 Matrix: Water
Carrier: FedEx

Chain of Custody (COC) Information

Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Sample IDs noted by Client on COC?	Yes ☒	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☒	No ☐	
Sampler's name noted on COC?	Yes ☐	No ☒	
COC agrees with Quote?	Yes ☒	No ☐	NA ☐
COC quote NOT expired?	Yes ☐	No ☒	NA ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	NA ☒
Shipping container/cooler in good condition?	Yes ☒	No ☐	
Samples in proper containers/bottles?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☒	No ☐	NA ☐
Samples Received on Ice?	Yes ☒	No ☐	

(Ice Type: WET ICE)

Sample/Temp Blank temperature	Temp: 0.1°C	NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☒ No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☒ No ☐	
pH acceptable upon receipt (Metal: <2)?	Yes ☐ No ☐	NA ☒

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐ No ☐	NA ☒
--	--	--

Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes ☐ No ☐	NA ☒
--	--	--

Comments:



Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 537588
Report Level : II
Report Date : 07/30/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill / Quarterly MPars

Authorized for release by:

Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197



Sample Summary

Steve Cassulo	Lab Job #:	537588
Waste Connections	Project No:	GW MONITORING
Chiquita Canyon Landfill	Location:	Chiquita Canyon Landfill / Quarterly MPars
29201 Henry Mayo	Date Received:	07/14/25
Drive		
Castaic, CA 91384		

Sample ID	Lab ID	Collected	Matrix
DW-14	537588-001	07/14/25 08:22	Water
PZ-4	537588-002	07/14/25 09:36	Water
DW-17	537588-003	07/14/25 10:50	Water
DW-30	537588-004	07/14/25 12:01	Water
QCFB	537588-005	07/14/25 08:27	Water
QCTB	537588-006	07/14/25 00:00	Water

Case Narrative

Waste Connections	Lab Job Number: 537588
Chiquita Canyon Landfill	Project No: GW MONITORING
29201 Henry Mayo Drive	Location: Chiquita Canyon Landfill / Quarterly
Castaic, CA 91384	MPars
Steve Cassulo	Date Received: 07/14/25

This data package contains sample and QC results for six water samples, requested for the above referenced project on 07/15/25. The samples were received cold and intact.

Volatile Organics by GC/MS (EPA 8260B):

- High recovery was observed for chlorobenzene in the MS for batch 376811; the parent sample was not a project sample, the BS/BSD were within limits, the associated RPD was within limits, and this analyte was not detected at or above the RL in the associated sample.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):

No analytical problems were encountered.

Metals (EPA 6010B):

- Manganese and sodium were detected above the RL in the method blank for batch 376557; these analytes were either not detected in samples at or above the RL, or detected at a level at least 10 times that of the blank. Magnesium was detected between the MDL and the RL in the method blank for batch 376557.
- No other analytical problems were encountered.

Ion Chromatography (EPA 300.0):

No analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):

No analytical problems were encountered.

Alkalinity (SM2320B):

No analytical problems were encountered.

Sulfide (SM 4500-S2-D):

No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):

- High RPD was observed for total dissolved solids in the SDUP for batch 376886; the parent sample was not a project sample.
- No other analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):

- Low recoveries were observed for chemical oxygen demand in the MS/MSD of DW-3 (lab # 537753-004); the LCS was within limits.
- No other analytical problems were encountered.



Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):

No analytical problems were encountered.

RSK-175 CO2 (RSK-175):

McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.



Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Chain of Custody Record

Lab No: 537588

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard: X 5 Day: 1 Day: 3 Day: Custom TAT:

Matrix: A = Air S = Soil/Solid

W = Water DW = Drinking Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃ 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

PROJECT INFORMATION

Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo
Report To:	Steve Cassulo	Number:	661-257-3655
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:	
Address:	29201 Henry Mayo Drive	Address:	
Phone:	661-257-3655	Global ID:	L10003464243
Fax:		Sampled By:	Paul Chang

Analysis Request

1,4-Dioxane	VOCS (EPA 8260B)	Alkalinity, total	Bicarbonate as CaCO ₃	Ammonia-N, Nitrate-N	COD, Cl, SO ₄ , TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide
-------------	------------------	-------------------	----------------------------------	----------------------	-------------------------------------	--------------------------	----------------------------	----------------

Test Instructions / Comments

IR13
3-8/3-0
Quarterly MPars
cc report to:
pchang@changenvironmental.com Basic
EDD & GeoTracker EDF

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
DW-14	7/14/25	822	W	13	var.
P2-4		936		13	
DW-17		1050		13	
DW-30		1201		13	
QCFB		827		3	
QCTB				2	



Login 537588



Signature	Print Name	Company / Title	Date / Time
	Paul Chang	CEI	7/14/25 1305
	Jim Lin	EA-NH	7.14.25 1305
	Jim Lin	EA-NH	7.15.25 8:30
	Grembo	EA-NH	7.15.25 8:30
	Grembo	EA-NH	7.15.25 10:21
	Grembo	EA-NH	7.15.25 11:50

W11116 EA 7-15-25 1315 Rec: Address EA 7/15/25 1315

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 7.14.25 WO# _____ Client: Chiquita Canyon LF

Section 2: Shipping / Custody

Are custody seals present? ☐ Yes ☒ No

Custody seals intact on arrival? ☒ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

Shipping Info: Walk in or Pickup

Section 3a: Condition / Packaging

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 7.14.25 By (initials) JWL

Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR03 CF: -0.7C

Cooler Temp (°C) #1: 14.3 / 13.6 #2: _____ / _____ #3: _____ / _____ #4: _____ / _____ #5: _____ / _____ #6: _____ / _____

Section 3b: Microbiology Samples

☒ No microbiology samples submitted (skip 3b)

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples

☒ No air samples submitted (skip 3c)

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples

	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	<u>X</u>		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	<u>X</u>		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			<u>X</u>
13) Are VOA vials free from headspace/bubbles > 6mm?	<u>X</u>		<u>X</u>

Section 5: Explanations / Comments

☐ PM notified

Date Logged _____ By (print) _____ (sign) _____

Date Labeled _____ By (print) _____ (sign) _____

Date Received: 7/15/25

WO# 537588

Client: Waste Connections

Are custody seals present? ☐ Yes ☒ No

Custody seals intact on arrival? ☒ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

☒ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info:

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 7/15/25

By (initials) NIG

Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR 13 CF: +0.0

Cooler Temp (°C) #1: 3.8 / 3.8 #2: / #3: / #4: / #5: / #6: /

☐ No microbiology samples submitted (skip 3b)☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

☐ No air samples submitted (skip 3c)

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

YES	NO	N/A
-----	----	-----

1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)			X
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?		X	
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			X
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

(If no comments are made, then no discrepancies noted.)

[illegible]☐ No additional discrepancies

Date Logged 7/14/25

By (print) ABD

(sign)

Date Labeled 7/15/25

By (print) EA OR

(sign)

Analysis Results for 537588

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 537588
Project No: GW MONITORING
Location: Chiquita Canyon Landfill / Quarterly MPars
Date Received: 07/14/25

Sample ID: DW-14

Lab ID: 537588-001

Collected: 07/14/25 08:22

Matrix: Water

537588-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.43		mg/L	0.20	0.073	1	376424	07/15/25 15:30	07/15/25 16:14	KUM
Chloride	98		mg/L	1.0	0.27	1	376424	07/15/25 15:30	07/15/25 16:14	KUM
Bromide	0.14	J	mg/L	0.30	0.060	1	376424	07/15/25 15:30	07/15/25 16:14	KUM
Nitrogen, Nitrate	0.31		mg/L	0.10	0.05	1	376424	07/15/25 15:30	07/15/25 16:14	KUM
Sulfate	31		mg/L	1.0	0.18	1	376424	07/15/25 15:30	07/15/25 16:14	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	376840	07/19/25	07/21/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.12		mg/L	0.050	0.0055	1	376557	07/16/25	07/17/25	SBW
Calcium	2.4		mg/L	1.0	0.57	1	376557	07/16/25	07/17/25	SBW
Iron	0.28		mg/L	0.10	0.046	1	376557	07/16/25	07/17/25	SBW
Magnesium	0.21	B	mg/L	0.10	0.025	1	376557	07/16/25	07/17/25	SBW
Manganese	0.0030	B,J	mg/L	0.010	0.0029	1	376557	07/16/25	07/17/25	SBW
Potassium	0.48	J	mg/L	0.50	0.40	1	376557	07/16/25	07/17/25	SBW
Sodium	140		mg/L	0.60	0.35	1	376557	07/16/25	07/17/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	376733	07/18/25	07/18/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	376733	07/18/25	07/18/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	376733	07/18/25	07/18/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
Acetone	ND		ug/L	100	8.8	1	376733	07/18/25	07/18/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	376733	07/18/25	07/18/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	376733	07/18/25	07/18/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST

Analysis Results for 537588

537588-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	376733	07/18/25	07/18/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
Benzene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	376733	07/18/25	07/18/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	376733	07/18/25	07/18/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	376733	07/18/25	07/18/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	376733	07/18/25	07/18/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	376733	07/18/25	07/18/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	376733	07/18/25	07/18/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	376733	07/18/25	07/18/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	376733	07/18/25	07/18/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	376733	07/18/25	07/18/25	ZST
Xylene (total)	ND		ug/L	5.0		1	376733	07/18/25	07/18/25	ZST
Surrogates			Limits							
Dibromofluoromethane	97%		%REC	70-130		1	376733	07/18/25	07/18/25	ZST

Analysis Results for 537588

537588-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	103%		%REC	70-130		1	376733	07/18/25	07/18/25	ZST
Toluene-d8	106%		%REC	70-130		1	376733	07/18/25	07/18/25	ZST
Bromofluorobenzene	96%		%REC	70-130		1	376733	07/18/25	07/18/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

1,4-Dioxane	ND		ug/L	1.0	0.95	1	376555	07/16/25	07/17/25	ZFA
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Surrogates

Limits

1,4-Dioxane-d8 (SUR)	109%		%REC	80-120		1	376555	07/16/25	07/17/25	ZFA
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Method: SM 4500-S2-D

Prep Method: METHOD

Sulfide	ND		mg/L	0.10		1	376462	07/15/25	07/15/25	TXC
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Method: SM 5310B

Prep Method: SM 5310B

Total Organic Carbon	1.3		mg/L	1.0	0.68	1	376674	07/17/25	07/18/25	TDD
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Method: SM2320B

Prep Method: METHOD

Alkalinity, Bicarbonate, as CaCO3	120		mg/L	5.0		2.5	376939	07/17/25	07/17/25	WWC
Alkalinity, Total as CaCO3	170		mg/L	5.0		2.5	376939	07/17/25	07/17/25	WWC

Method: SM2540C

Prep Method: METHOD

Total Dissolved Solids	440		mg/L	20		2	376886	07/20/25	07/21/25	RDL
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Analysis Results for 537588

Sample ID: PZ-4
Lab ID: 537588-002
Collected: 07/14/25 09:36
Matrix: Water

537588-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.59		mg/L	0.20	0.073	1	376424	07/15/25 15:30	07/15/25 17:04	KUM
Chloride	61		mg/L	1.0	0.27	1	376424	07/15/25 15:30	07/15/25 17:04	KUM
Bromide	0.16	J	mg/L	0.30	0.060	1	376424	07/15/25 15:30	07/15/25 17:04	KUM
Nitrogen, Nitrate	1.2		mg/L	0.10	0.05	1	376424	07/15/25 15:30	07/15/25 17:04	KUM
Sulfate	130		mg/L	10	1.8	10	376424	07/15/25 15:30	07/15/25 17:21	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	377198	07/23/25	07/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	3.0	J	mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.31		mg/L	0.050	0.0055	1	376557	07/16/25	07/17/25	SBW
Calcium	50		mg/L	1.0	0.57	1	376557	07/16/25	07/17/25	SBW
Iron	ND		mg/L	0.10	0.046	1	376557	07/16/25	07/17/25	SBW
Magnesium	9.5		mg/L	0.10	0.025	1	376557	07/16/25	07/17/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	376557	07/16/25	07/17/25	SBW
Potassium	2.1		mg/L	0.50	0.40	1	376557	07/16/25	07/17/25	SBW
Sodium	180		mg/L	0.60	0.35	1	376557	07/16/25	07/17/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	376733	07/18/25	07/18/25	ZST
Freon 12	0.4	J	ug/L	5.0	0.2	1	376733	07/18/25	07/18/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	376733	07/18/25	07/18/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
Acetone	ND		ug/L	100	8.8	1	376733	07/18/25	07/18/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	376733	07/18/25	07/18/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	376733	07/18/25	07/18/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	376733	07/18/25	07/18/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST

Analysis Results for 537588

537588-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	376733	07/18/25	07/18/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	376733	07/18/25	07/18/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	376733	07/18/25	07/18/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	376733	07/18/25	07/18/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	376733	07/18/25	07/18/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	376733	07/18/25	07/18/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	376733	07/18/25	07/18/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	376733	07/18/25	07/18/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	376733	07/18/25	07/18/25	ZST
Xylene (total)	ND		ug/L	5.0		1	376733	07/18/25	07/18/25	ZST
Surrogates			Limits							
Dibromofluoromethane	92%		%REC	70-130		1	376733	07/18/25	07/18/25	ZST
1,2-Dichloroethane-d4	101%		%REC	70-130		1	376733	07/18/25	07/18/25	ZST
Toluene-d8	106%		%REC	70-130		1	376733	07/18/25	07/18/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	376733	07/18/25	07/18/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 537588

537588-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	376555	07/16/25	07/17/25	ZFA
Surrogates			Limits							
1,4-Dioxane-d8 (SUR)	106%		%REC	80-120		1	376555	07/16/25	07/17/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376462	07/15/25	07/15/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	6.2		mg/L	1.0	0.68	1	376674	07/17/25	07/18/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	350		mg/L	5.0		2.5	376939	07/17/25	07/17/25	WWC
Alkalinity, Total as CaCO3	350		mg/L	5.0		2.5	376939	07/17/25	07/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	760		mg/L	20		2	376886	07/20/25	07/21/25	RDL

Analysis Results for 537588

Sample ID: DW-17
Lab ID: 537588-003
Collected: 07/14/25 10:50
Matrix: Water

537588-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.19	J	mg/L	0.20	0.073	1	376424	07/15/25 15:30	07/15/25 18:12	KUM
Chloride	160		mg/L	1.0	0.27	1	376424	07/15/25 15:30	07/15/25 18:12	KUM
Bromide	0.31		mg/L	0.30	0.060	1	376424	07/15/25 15:30	07/15/25 18:12	KUM
Nitrogen, Nitrate	0.98		mg/L	0.10	0.05	1	376424	07/15/25 15:30	07/15/25 18:12	KUM
Sulfate	190		mg/L	10	1.8	10	376424	07/15/25 15:30	07/15/25 19:02	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	377198	07/23/25	07/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.084		mg/L	0.050	0.0055	1	376557	07/16/25	07/17/25	SBW
Calcium	4.6		mg/L	1.0	0.57	1	376557	07/16/25	07/17/25	SBW
Iron	ND		mg/L	0.10	0.046	1	376557	07/16/25	07/17/25	SBW
Magnesium	0.12	B	mg/L	0.10	0.025	1	376557	07/16/25	07/17/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	376557	07/16/25	07/17/25	SBW
Potassium	0.61		mg/L	0.50	0.40	1	376557	07/16/25	07/17/25	SBW
Sodium	210		mg/L	0.60	0.35	1	376557	07/16/25	07/17/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	376733	07/18/25	07/18/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	376733	07/18/25	07/18/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	376733	07/18/25	07/18/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
Acetone	ND		ug/L	100	8.8	1	376733	07/18/25	07/18/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	376733	07/18/25	07/18/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	376733	07/18/25	07/18/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	376733	07/18/25	07/18/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST

Analysis Results for 537588

537588-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	376733	07/18/25	07/18/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	376733	07/18/25	07/18/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	376733	07/18/25	07/18/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	376733	07/18/25	07/18/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	376733	07/18/25	07/18/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	376733	07/18/25	07/18/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	376733	07/18/25	07/18/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	376733	07/18/25	07/18/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	376733	07/18/25	07/18/25	ZST
Xylene (total)	ND		ug/L	5.0		1	376733	07/18/25	07/18/25	ZST
Surrogates			Limits							
Dibromofluoromethane	96%		%REC	70-130		1	376733	07/18/25	07/18/25	ZST
1,2-Dichloroethane-d4	104%		%REC	70-130		1	376733	07/18/25	07/18/25	ZST
Toluene-d8	106%		%REC	70-130		1	376733	07/18/25	07/18/25	ZST
Bromofluorobenzene	96%		%REC	70-130		1	376733	07/18/25	07/18/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 537588

537588-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	376555	07/16/25	07/17/25	ZFA
Surrogates			Limits							
1,4-Dioxane-d8 (SUR)	104%		%REC	80-120		1	376555	07/16/25	07/17/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376462	07/15/25	07/15/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	1.3		mg/L	1.0	0.68	1	376674	07/17/25	07/18/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	79		mg/L	5.0		2.5	376939	07/17/25	07/17/25	WWC
Alkalinity, Total as CaCO3	110		mg/L	5.0		2.5	376939	07/17/25	07/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	700		mg/L	20		2	376886	07/20/25	07/21/25	RDL

Analysis Results for 537588

Sample ID: DW-30
Lab ID: 537588-004
Collected: 07/14/25 12:01
Matrix: Water

537588-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.93		mg/L	0.20	0.073	1	376424	07/15/25 15:30	07/15/25 17:38	KUM
Chloride	61		mg/L	1.0	0.27	1	376424	07/15/25 15:30	07/15/25 17:38	KUM
Bromide	0.14	J	mg/L	0.30	0.060	1	376424	07/15/25 15:30	07/15/25 17:38	KUM
Nitrogen, Nitrate	0.23		mg/L	0.10	0.05	1	376424	07/15/25 15:30	07/15/25 17:38	KUM
Sulfate	320		mg/L	10	1.8	10	376424	07/15/25 15:30	07/15/25 17:55	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	377198	07/23/25	07/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.20		mg/L	0.050	0.0055	1	376557	07/16/25	07/17/25	SBW
Calcium	35		mg/L	1.0	0.57	1	376557	07/16/25	07/17/25	SBW
Iron	0.34		mg/L	0.10	0.046	1	376557	07/16/25	07/17/25	SBW
Magnesium	5.5		mg/L	0.10	0.025	1	376557	07/16/25	07/17/25	SBW
Manganese	0.035		mg/L	0.010	0.0029	1	377156	07/23/25	07/23/25	CAP
Potassium	1.5		mg/L	0.50	0.40	1	376557	07/16/25	07/17/25	SBW
Sodium	190		mg/L	0.60	0.35	1	376557	07/16/25	07/17/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377252	07/24/25	07/24/25	HMN
Freon 12	ND		ug/L	5.0	0.2	1	377252	07/24/25	07/24/25	HMN
Chloromethane	ND		ug/L	5.0	0.1	1	377252	07/24/25	07/24/25	HMN
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377252	07/24/25	07/24/25	HMN
Bromomethane	ND		ug/L	5.0	0.3	1	377252	07/24/25	07/24/25	HMN
Chloroethane	ND		ug/L	5.0	0.05	1	377252	07/24/25	07/24/25	HMN
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377252	07/24/25	07/24/25	HMN
Acetone	ND		ug/L	100	8.8	1	377252	07/24/25	07/24/25	HMN
Freon 113	ND		ug/L	5.0	0.1	1	377252	07/24/25	07/24/25	HMN
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377252	07/24/25	07/24/25	HMN
Methylene Chloride	ND		ug/L	5.0	0.2	1	377252	07/24/25	07/24/25	HMN
MTBE	ND		ug/L	5.0	0.1	1	377252	07/24/25	07/24/25	HMN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377252	07/24/25	07/24/25	HMN
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377252	07/24/25	07/24/25	HMN
2-Butanone	ND		ug/L	100	0.9	1	377252	07/24/25	07/24/25	HMN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377252	07/24/25	07/24/25	HMN
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377252	07/24/25	07/24/25	HMN
Chloroform	ND		ug/L	5.0	0.07	1	377252	07/24/25	07/24/25	HMN
Bromochloromethane	ND		ug/L	5.0	0.1	1	377252	07/24/25	07/24/25	HMN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377252	07/24/25	07/24/25	HMN
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377252	07/24/25	07/24/25	HMN
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377252	07/24/25	07/24/25	HMN
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377252	07/24/25	07/24/25	HMN

Analysis Results for 537588

537588-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	377252	07/24/25	07/24/25	HMN
Trichloroethene	ND		ug/L	5.0	0.05	1	377252	07/24/25	07/24/25	HMN
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377252	07/24/25	07/24/25	HMN
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377252	07/24/25	07/24/25	HMN
Dibromomethane	ND		ug/L	5.0	0.1	1	377252	07/24/25	07/24/25	HMN
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377252	07/24/25	07/24/25	HMN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377252	07/24/25	07/24/25	HMN
Toluene	ND		ug/L	5.0	0.05	1	377252	07/24/25	07/24/25	HMN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377252	07/24/25	07/24/25	HMN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377252	07/24/25	07/24/25	HMN
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377252	07/24/25	07/24/25	HMN
Tetrachloroethene	0.4	J	ug/L	5.0	0.09	1	377252	07/24/25	07/24/25	HMN
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377252	07/24/25	07/24/25	HMN
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377252	07/24/25	07/24/25	HMN
Chlorobenzene	ND		ug/L	5.0	0.05	1	377252	07/24/25	07/24/25	HMN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377252	07/24/25	07/24/25	HMN
Ethylbenzene	ND		ug/L	5.0	0.04	1	377252	07/24/25	07/24/25	HMN
m,p-Xylenes	ND		ug/L	10	0.1	1	377252	07/24/25	07/24/25	HMN
o-Xylene	ND		ug/L	5.0	0.06	1	377252	07/24/25	07/24/25	HMN
Styrene	ND		ug/L	5.0	0.06	1	377252	07/24/25	07/24/25	HMN
Bromoform	ND		ug/L	5.0	0.08	1	377252	07/24/25	07/24/25	HMN
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377252	07/24/25	07/24/25	HMN
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377252	07/24/25	07/24/25	HMN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377252	07/24/25	07/24/25	HMN
Propylbenzene	ND		ug/L	5.0	0.05	1	377252	07/24/25	07/24/25	HMN
Bromobenzene	ND		ug/L	5.0	0.06	1	377252	07/24/25	07/24/25	HMN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377252	07/24/25	07/24/25	HMN
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377252	07/24/25	07/24/25	HMN
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377252	07/24/25	07/24/25	HMN
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377252	07/24/25	07/24/25	HMN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377252	07/24/25	07/24/25	HMN
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377252	07/24/25	07/24/25	HMN
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377252	07/24/25	07/24/25	HMN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377252	07/24/25	07/24/25	HMN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377252	07/24/25	07/24/25	HMN
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377252	07/24/25	07/24/25	HMN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377252	07/24/25	07/24/25	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377252	07/24/25	07/24/25	HMN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377252	07/24/25	07/24/25	HMN
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377252	07/24/25	07/24/25	HMN
Naphthalene	ND		ug/L	5.0	0.3	1	377252	07/24/25	07/24/25	HMN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377252	07/24/25	07/24/25	HMN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377252	07/24/25	07/24/25	HMN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377252	07/24/25	07/24/25	HMN
Xylene (total)	ND		ug/L	5.0		1	377252	07/24/25	07/24/25	HMN
Surrogates			Limits							
Dibromofluoromethane	103%		%REC	70-130		1	377252	07/24/25	07/24/25	HMN
1,2-Dichloroethane-d4	105%		%REC	70-130		1	377252	07/24/25	07/24/25	HMN
Toluene-d8	100%		%REC	70-130		1	377252	07/24/25	07/24/25	HMN
Bromofluorobenzene	98%		%REC	70-130		1	377252	07/24/25	07/24/25	HMN

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 537588

537588-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	376555	07/16/25	07/17/25	ZFA
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	376555	07/16/25	07/17/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376462	07/15/25	07/15/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	0.92	J	mg/L	1.0	0.68	1	376674	07/17/25	07/18/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	160		mg/L	5.0		2.5	376939	07/17/25	07/17/25	WWC
Alkalinity, Total as CaCO3	160		mg/L	5.0		2.5	376939	07/17/25	07/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	800		mg/L	20		2	376886	07/20/25	07/21/25	RDL

Analysis Results for 537588

Sample ID: QCFB
Lab ID: 537588-005
Collected: 07/14/25 08:27
Matrix: Water

537588-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	376733	07/18/25	07/18/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	376733	07/18/25	07/18/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	376733	07/18/25	07/18/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
Acetone	ND		ug/L	100	8.8	1	376733	07/18/25	07/18/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Methylene Chloride	0.3	J	ug/L	5.0	0.2	1	376733	07/18/25	07/18/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	376733	07/18/25	07/18/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
Chloroform	0.6	J	ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	376733	07/18/25	07/18/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
Benzene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	376733	07/18/25	07/18/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	376733	07/18/25	07/18/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	376733	07/18/25	07/18/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	376733	07/18/25	07/18/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST

Analysis Results for 537588

537588-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	376733	07/18/25	07/18/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	376733	07/18/25	07/18/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	376733	07/18/25	07/18/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	376733	07/18/25	07/18/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	376733	07/18/25	07/18/25	ZST
Xylene (total)	ND		ug/L	5.0		1	376733	07/18/25	07/18/25	ZST
Surrogates	Limits									
Dibromofluoromethane	96%		%REC	70-130		1	376733	07/18/25	07/18/25	ZST
1,2-Dichloroethane-d4	104%		%REC	70-130		1	376733	07/18/25	07/18/25	ZST
Toluene-d8	105%		%REC	70-130		1	376733	07/18/25	07/18/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	376733	07/18/25	07/18/25	ZST

Analysis Results for 537588

Sample ID: QCTB
Lab ID: 537588-006
Collected: 07/14/25
Matrix: Water

537588-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	376811	07/19/25	07/19/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	376811	07/19/25	07/19/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	376811	07/19/25	07/19/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	376811	07/19/25	07/19/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	376811	07/19/25	07/19/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	376811	07/19/25	07/19/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	376811	07/19/25	07/19/25	ZST
Acetone	ND		ug/L	100	8.8	1	376811	07/19/25	07/19/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	376811	07/19/25	07/19/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	376811	07/19/25	07/19/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	376811	07/19/25	07/19/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	376811	07/19/25	07/19/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	376811	07/19/25	07/19/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	376811	07/19/25	07/19/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	376811	07/19/25	07/19/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	376811	07/19/25	07/19/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	376811	07/19/25	07/19/25	ZST
Chloroform	0.5	J	ug/L	5.0	0.07	1	376811	07/19/25	07/19/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	376811	07/19/25	07/19/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	376811	07/19/25	07/19/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	376811	07/19/25	07/19/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	376811	07/19/25	07/19/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	376811	07/19/25	07/19/25	ZST
Benzene	ND		ug/L	5.0	0.07	1	376811	07/19/25	07/19/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	376811	07/19/25	07/19/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	376811	07/19/25	07/19/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	376811	07/19/25	07/19/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	376811	07/19/25	07/19/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	376811	07/19/25	07/19/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	376811	07/19/25	07/19/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	376811	07/19/25	07/19/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	376811	07/19/25	07/19/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	376811	07/19/25	07/19/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	376811	07/19/25	07/19/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	376811	07/19/25	07/19/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	376811	07/19/25	07/19/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	376811	07/19/25	07/19/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	376811	07/19/25	07/19/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	376811	07/19/25	07/19/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	376811	07/19/25	07/19/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	376811	07/19/25	07/19/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	376811	07/19/25	07/19/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	376811	07/19/25	07/19/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	376811	07/19/25	07/19/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	376811	07/19/25	07/19/25	ZST

Analysis Results for 537588

537588-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	376811	07/19/25	07/19/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	376811	07/19/25	07/19/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	376811	07/19/25	07/19/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	376811	07/19/25	07/19/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	376811	07/19/25	07/19/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	376811	07/19/25	07/19/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	376811	07/19/25	07/19/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	376811	07/19/25	07/19/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	376811	07/19/25	07/19/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	376811	07/19/25	07/19/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	376811	07/19/25	07/19/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	376811	07/19/25	07/19/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	376811	07/19/25	07/19/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	376811	07/19/25	07/19/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	376811	07/19/25	07/19/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	376811	07/19/25	07/19/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	376811	07/19/25	07/19/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	376811	07/19/25	07/19/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	376811	07/19/25	07/19/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	376811	07/19/25	07/19/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	376811	07/19/25	07/19/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	376811	07/19/25	07/19/25	ZST
Xylene (total)	ND		ug/L	5.0		1	376811	07/19/25	07/19/25	ZST
Surrogates				Limits						
Dibromofluoromethane	86%		%REC	70-130		1	376811	07/19/25	07/19/25	ZST
1,2-Dichloroethane-d4	98%		%REC	70-130		1	376811	07/19/25	07/19/25	ZST
Toluene-d8	113%		%REC	70-130		1	376811	07/19/25	07/19/25	ZST
Bromofluorobenzene	101%		%REC	70-130		1	376811	07/19/25	07/19/25	ZST

B Contamination found in associated Method Blank
 J Estimated value
 ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1274440	Batch: 376424
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1274440 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	07/15/25 15:30	07/15/25 15:41
Chloride	ND		mg/L	1.0	0.27	07/15/25 15:30	07/15/25 15:41
Bromide	ND		mg/L	0.30	0.060	07/15/25 15:30	07/15/25 15:41
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	07/15/25 15:30	07/15/25 15:41
Sulfate	ND		mg/L	1.0	0.18	07/15/25 15:30	07/15/25 15:41

Type: Lab Control Sample	Lab ID: QC1274441	Batch: 376424
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1274441 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	10.16	10.00	mg/L	102%		90-110
Chloride	50.08	50.00	mg/L	100%		90-110
Bromide	15.83	15.00	mg/L	106%		90-110
Nitrogen, Nitrate	4.850	4.518	mg/L	107%		90-110
Sulfate	25.90	25.00	mg/L	104%		90-110

Type: Matrix Spike	Lab ID: QC1274442	Batch: 376424
Matrix (Source ID): Water (537588-001)	Method: EPA 300.0	Prep Method: METHOD

QC1274442 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	21.60	0.4269	20.00	mg/L	106%		80-129	1
Chloride	196.5	98.45	100.0	mg/L	98%		80-123	1
Bromide	16.08	0.1384	15.00	mg/L	106%		80-121	1
Nitrogen, Nitrate	10.21	0.3131	9.036	mg/L	110%		80-123	1
Sulfate	82.35	30.77	50.00	mg/L	103%		79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1274443	Batch: 376424
Matrix (Source ID): Water (537588-001)	Method: EPA 300.0	Prep Method: METHOD

QC1274443 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	21.90	0.4269	20.00	mg/L	107%		80-129	1	21	1
Chloride	197.4	98.45	100.0	mg/L	99%		80-123	0	20	1
Bromide	16.26	0.1384	15.00	mg/L	107%		80-121	1	20	1
Nitrogen, Nitrate	10.34	0.3131	9.036	mg/L	111%		80-123	1	20	1
Sulfate	82.76	30.77	50.00	mg/L	104%		79-124	0	20	1

Type: Blank	Lab ID: QC1277109	Batch: 377198
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1277109 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	07/23/25	07/28/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1277110	Batch: 377198
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1277110 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.046	1.000	mg/L	105%		90-110

Type: Matrix Spike	Lab ID: QC1277111	Batch: 377198
Matrix (Source ID): Water (537588-002)	Method: EPA 350.1	Prep Method: METHOD

QC1277111 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9352	ND	1.000	mg/L	94%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1277112	Batch: 377198
Matrix (Source ID): Water (537588-002)	Method: EPA 350.1	Prep Method: METHOD

QC1277112 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9503	ND	1.000	mg/L	95%		90-110	2	20	1

Type: Matrix Spike	Lab ID: QC1277113	Batch: 377198
Matrix (Source ID): Water (537588-003)	Method: EPA 350.1	Prep Method: METHOD

QC1277113 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.028	ND	1.000	mg/L	103%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1277114	Batch: 377198
Matrix (Source ID): Water (537588-003)	Method: EPA 350.1	Prep Method: METHOD

QC1277114 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.069	ND	1.000	mg/L	107%		90-110	4	20	1

Type: Blank	Lab ID: QC1275853	Batch: 376840
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1275853 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	07/19/25	07/21/25

Type: Lab Control Sample	Lab ID: QC1275854	Batch: 376840
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1275854 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9220	1.000	mg/L	92%		90-110

Batch QC

Type: Matrix Spike	Lab ID: QC1275867	Batch: 376840
Matrix (Source ID): Drinking Water (537539-001)	Method: EPA 350.1	Prep Method: SM 4500-NH3-G SD

QC1275867 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.365	0.2848	1.000	mg/L	108%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1275868	Batch: 376840
Matrix (Source ID): Drinking Water (537539-001)	Method: EPA 350.1	Prep Method: SM 4500-NH3-G SD

QC1275868 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.390	0.2848	1.000	mg/L	110%		90-110	2	20	1

Type: Blank	Lab ID: QC1275909	Batch: 376840
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1275909 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	07/19/25	07/21/25

Type: Blank	Lab ID: QC1276657	Batch: 377063
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1276657 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	07/22/25	07/23/25

Type: Lab Control Sample	Lab ID: QC1276658	Batch: 377063
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1276658 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	91.00	100.0	mg/L	91%		90-110

Type: Matrix Spike	Lab ID: QC1276659	Batch: 377063
Matrix (Source ID): Water (537395-001)	Method: EPA 410.4	Prep Method: METHOD

QC1276659 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	86.00	ND	100.0	mg/L	86%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1276660	Batch: 377063
Matrix (Source ID): Water (537395-001)	Method: EPA 410.4	Prep Method: METHOD

QC1276660 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	80.00	ND	100.0	mg/L	80%		75-125	7	20	2

Batch QC

Type: Matrix Spike	Lab ID: QC1276796	Batch: 377063
Matrix (Source ID): Water (537753-004)	Method: EPA 410.4	Prep Method: METHOD

QC1276796 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	74.00	ND	100.0	mg/L	74%	*	75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1276797	Batch: 377063
Matrix (Source ID): Water (537753-004)	Method: EPA 410.4	Prep Method: METHOD

QC1276797 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	74.00	ND	100.0	mg/L	74%	*	75-125	0	20	2

Type: Blank	Lab ID: QC1274879	Batch: 376557
Matrix: Filtrate	Method: EPA 6010B	Prep Method: EPA 3015A

QC1274879 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	07/16/25	07/17/25
Calcium	ND		mg/L	0.57	0.57	07/16/25	07/17/25
Iron	ND		mg/L	0.046	0.046	07/16/25	07/17/25
Magnesium	0.058	J	mg/L	0.10	0.025	07/16/25	07/17/25
Manganese	0.014		mg/L	0.010	0.0029	07/16/25	07/17/25
Potassium	ND		mg/L	0.50	0.40	07/16/25	07/17/25
Sodium	0.84		mg/L	0.50	0.35	07/16/25	07/17/25

Type: Lab Control Sample	Lab ID: QC1274880	Batch: 376557
Matrix: Filtrate	Method: EPA 6010B	Prep Method: EPA 3015A

QC1274880 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3564	0.4000	mg/L	89%		80-120
Calcium	17.88	20.40	mg/L	88%		80-120
Iron	0.3649	0.4000	mg/L	91%		80-120
Magnesium	18.05	20.40	mg/L	88%		80-120
Manganese	0.3740	0.4000	mg/L	94%		80-120
Potassium	21.00	24.00	mg/L	88%		80-120
Sodium	18.62	20.40	mg/L	91%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1274881	Batch: 376557
Matrix (Source ID): Water (537588-004)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1274881 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.5617	0.1992	0.4000	mg/L	91%		75-125	1
Calcium	52.66	35.29	20.40	mg/L	85%		75-125	1
Iron	0.7057	0.3429	0.4000	mg/L	91%		75-125	1
Magnesium	23.48	5.534	20.40	mg/L	88%		75-125	1
Manganese	0.3971	0.03385	0.4000	mg/L	91%		75-125	1
Potassium	23.39	1.541	24.00	mg/L	91%		75-125	1
Sodium	203.8	188.0	20.40	mg/L	78%	NM	75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1274882	Batch: 376557
Matrix (Source ID): Water (537588-004)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1274882 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.5587	0.1992	0.4000	mg/L	90%		75-125	1	20	1
Calcium	52.62	35.29	20.40	mg/L	85%		75-125	0	20	1
Iron	0.7032	0.3429	0.4000	mg/L	90%		75-125	0	22	1
Magnesium	23.40	5.534	20.40	mg/L	88%		75-125	0	20	1
Manganese	0.3942	0.03385	0.4000	mg/L	90%		75-125	1	20	1
Potassium	23.32	1.541	24.00	mg/L	91%		75-125	0	20	1
Sodium	204.2	188.0	20.40	mg/L	79%	NM	75-125	0	20	1

Type: Blank	Lab ID: QC1276996	Batch: 377156
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1276996 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Manganese	ND		mg/L	0.010	0.0029	07/23/25	07/23/25

Type: Lab Control Sample	Lab ID: QC1276997	Batch: 377156
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1276997 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Manganese	0.3683	0.4000	mg/L	92%		80-120

Type: Matrix Spike	Lab ID: QC1276998	Batch: 377156
Matrix (Source ID): Water (537395-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1276998 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Manganese	0.3668	0.003580	0.4000	mg/L	91%		75-125	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1276999	Batch: 377156
Matrix (Source ID): Water (537395-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1276999 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Manganese	0.3707	0.003580	0.4000	mg/L	92%		75-125	1	20	1

Type: Serial Dilution	Lab ID: QC1277079	Batch: 377156
Matrix (Source ID): Water (537395-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1277079 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Manganese	ND	0.003580	mg/L				5

Type: Lab Control Sample	Lab ID: QC1275469	Batch: 376733
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1275469 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	49.49	50.00	ug/L	99%		69-128
MTBE	50.30	50.00	ug/L	101%		66-125
Benzene	49.00	50.00	ug/L	98%		76-121
Trichloroethene	49.65	50.00	ug/L	99%		76-124
Toluene	48.49	50.00	ug/L	97%		76-120
Chlorobenzene	48.53	50.00	ug/L	97%		78-120
Surrogates						
Dibromofluoromethane	47.24	50.00	ug/L	94%		70-130
1,2-Dichloroethane-d4	49.40	50.00	ug/L	99%		70-130
Toluene-d8	49.38	50.00	ug/L	99%		70-130
Bromofluorobenzene	50.00	50.00	ug/L	100%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1275470	Batch: 376733
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1275470 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	50.39	50.00	ug/L	101%		69-128	2	23
MTBE	49.81	50.00	ug/L	100%		66-125	1	22
Benzene	49.93	50.00	ug/L	100%		76-121	2	21
Trichloroethene	50.16	50.00	ug/L	100%		76-124	1	22
Toluene	48.77	50.00	ug/L	98%		76-120	1	21
Chlorobenzene	49.45	50.00	ug/L	99%		78-120	2	20
Surrogates								
Dibromofluoromethane	47.63	50.00	ug/L	95%		70-130		
1,2-Dichloroethane-d4	49.20	50.00	ug/L	98%		70-130		
Toluene-d8	49.58	50.00	ug/L	99%		70-130		
Bromofluorobenzene	50.01	50.00	ug/L	100%		70-130		

Batch QC

Type: Blank
Matrix: Water

Lab ID: QC1275474
Method: EPA 8260B

Batch: 376733
Prep Method: EPA 5030B

QC1275474 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.2	07/18/25	07/18/25
Freon 12	ND		ug/L	5.0	0.2	07/18/25	07/18/25
Chloromethane	ND		ug/L	5.0	0.1	07/18/25	07/18/25
Vinyl Chloride	ND		ug/L	5.0	0.1	07/18/25	07/18/25
Bromomethane	ND		ug/L	5.0	0.3	07/18/25	07/18/25
Chloroethane	ND		ug/L	5.0	0.05	07/18/25	07/18/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	07/18/25	07/18/25
Acetone	ND		ug/L	100	8.8	07/18/25	07/18/25
Freon 113	ND		ug/L	5.0	0.1	07/18/25	07/18/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	07/18/25	07/18/25
Methylene Chloride	ND		ug/L	5.0	0.2	07/18/25	07/18/25
MTBE	ND		ug/L	5.0	0.1	07/18/25	07/18/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	07/18/25	07/18/25
1,1-Dichloroethane	ND		ug/L	5.0	0.07	07/18/25	07/18/25
2-Butanone	ND		ug/L	100	0.9	07/18/25	07/18/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	07/18/25	07/18/25
2,2-Dichloropropane	ND		ug/L	5.0	0.09	07/18/25	07/18/25
Chloroform	ND		ug/L	5.0	0.07	07/18/25	07/18/25
Bromochloromethane	ND		ug/L	5.0	0.1	07/18/25	07/18/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	07/18/25	07/18/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	07/18/25	07/18/25
Carbon Tetrachloride	ND		ug/L	5.0	0.07	07/18/25	07/18/25
1,2-Dichloroethane	ND		ug/L	5.0	0.09	07/18/25	07/18/25
Benzene	ND		ug/L	5.0	0.07	07/18/25	07/18/25
Trichloroethene	ND		ug/L	5.0	0.05	07/18/25	07/18/25
1,2-Dichloropropane	ND		ug/L	5.0	0.07	07/18/25	07/18/25
Bromodichloromethane	ND		ug/L	5.0	0.05	07/18/25	07/18/25
Dibromomethane	ND		ug/L	5.0	0.1	07/18/25	07/18/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	07/18/25	07/18/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	07/18/25	07/18/25
Toluene	ND		ug/L	5.0	0.05	07/18/25	07/18/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	07/18/25	07/18/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	07/18/25	07/18/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	07/18/25	07/18/25
Tetrachloroethene	ND		ug/L	5.0	0.09	07/18/25	07/18/25
Dibromochloromethane	ND		ug/L	5.0	0.07	07/18/25	07/18/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	07/18/25	07/18/25
Chlorobenzene	ND		ug/L	5.0	0.05	07/18/25	07/18/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	07/18/25	07/18/25
Ethylbenzene	ND		ug/L	5.0	0.04	07/18/25	07/18/25
m,p-Xylenes	ND		ug/L	10	0.1	07/18/25	07/18/25
o-Xylene	ND		ug/L	5.0	0.06	07/18/25	07/18/25
Styrene	ND		ug/L	5.0	0.06	07/18/25	07/18/25
Bromoform	ND		ug/L	5.0	0.08	07/18/25	07/18/25
Isopropylbenzene	ND		ug/L	5.0	0.06	07/18/25	07/18/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	07/18/25	07/18/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	07/18/25	07/18/25

Batch QC

QC1275474 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.05	07/18/25	07/18/25
Bromobenzene	ND		ug/L	5.0	0.06	07/18/25	07/18/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	07/18/25	07/18/25
2-Chlorotoluene	ND		ug/L	5.0	0.07	07/18/25	07/18/25
4-Chlorotoluene	ND		ug/L	5.0	0.08	07/18/25	07/18/25
tert-Butylbenzene	ND		ug/L	5.0	0.07	07/18/25	07/18/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	07/18/25	07/18/25
sec-Butylbenzene	ND		ug/L	5.0	0.06	07/18/25	07/18/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	07/18/25	07/18/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	07/18/25	07/18/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	07/18/25	07/18/25
n-Butylbenzene	ND		ug/L	5.0	0.08	07/18/25	07/18/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	07/18/25	07/18/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	07/18/25	07/18/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	07/18/25	07/18/25
Hexachlorobutadiene	ND		ug/L	5.0	0.06	07/18/25	07/18/25
Naphthalene	ND		ug/L	5.0	0.3	07/18/25	07/18/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	07/18/25	07/18/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	07/18/25	07/18/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	07/18/25	07/18/25
Xylene (total)	ND		ug/L	5.0		07/18/25	07/18/25
Surrogates	Limits						
Dibromofluoromethane	100%		%REC	70-130		07/18/25	07/18/25
1,2-Dichloroethane-d4	104%		%REC	70-130		07/18/25	07/18/25
Toluene-d8	99%		%REC	70-130		07/18/25	07/18/25
Bromofluorobenzene	97%		%REC	70-130		07/18/25	07/18/25

Type: Matrix Spike	Lab ID: QC1275513	Batch: 376733
Matrix (Source ID): Water (537683-002)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1275513 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	66.57	37.84	40.00	ug/L	72%		62-131	2
MTBE	31.19	ND	40.00	ug/L	78%		61-124	2
Benzene	33.69	0.2796	40.00	ug/L	84%		70-123	2
Trichloroethene	815.3	793.9	40.00	ug/L	54%	E,NM	65-131	2
Toluene	33.84	0.1223	40.00	ug/L	84%		69-120	2
Chlorobenzene	35.09	ND	40.00	ug/L	88%		72-121	2
Surrogates								
Dibromofluoromethane	96.66		100.0	ug/L	97%		70-130	2
1,2-Dichloroethane-d4	97.89		100.0	ug/L	98%		70-130	2
Toluene-d8	101.3		100.0	ug/L	101%		70-130	2
Bromofluorobenzene	98.32		100.0	ug/L	98%		70-130	2

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1275514	Batch: 376733
Matrix (Source ID): Water (537683-002)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1275514 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	67.64	37.84	40.00	ug/L	74%		62-131	2	31	2
MTBE	32.66	ND	40.00	ug/L	82%		61-124	5	30	2
Benzene	34.89	0.2796	40.00	ug/L	87%		70-123	3	31	2
Trichloroethene	806.9	793.9	40.00	ug/L	33%	E,NM	65-131		31	2
Toluene	35.39	0.1223	40.00	ug/L	88%		69-120	4	29	2
Chlorobenzene	36.33	ND	40.00	ug/L	91%		72-121	3	29	2
Surrogates										
Dibromofluoromethane	94.62		100.0	ug/L	95%		70-130			2
1,2-Dichloroethane-d4	96.36		100.0	ug/L	96%		70-130			2
Toluene-d8	99.77		100.0	ug/L	100%		70-130			2
Bromofluorobenzene	98.63		100.0	ug/L	99%		70-130			2

Type: Lab Control Sample	Lab ID: QC1275741	Batch: 376811
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1275741 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	42.02	50.00	ug/L	84%		69-128
MTBE	41.99	50.00	ug/L	84%		66-125
Benzene	41.47	50.00	ug/L	83%		76-121
Trichloroethene	51.33	50.00	ug/L	103%		76-124
Toluene	50.77	50.00	ug/L	102%		76-120
Chlorobenzene	50.68	50.00	ug/L	101%		78-120
Surrogates						
Dibromofluoromethane	43.54	50.00	ug/L	87%		70-130
1,2-Dichloroethane-d4	47.43	50.00	ug/L	95%		70-130
Toluene-d8	54.41	50.00	ug/L	109%		70-130
Bromofluorobenzene	50.15	50.00	ug/L	100%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1275742	Batch: 376811
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1275742 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	43.79	50.00	ug/L	88%		69-128	4	23
MTBE	43.47	50.00	ug/L	87%		66-125	3	22
Benzene	43.38	50.00	ug/L	87%		76-121	5	21
Trichloroethene	53.94	50.00	ug/L	108%		76-124	5	22
Toluene	53.10	50.00	ug/L	106%		76-120	4	21
Chlorobenzene	53.63	50.00	ug/L	107%		78-120	6	20
Surrogates								
Dibromofluoromethane	43.57	50.00	ug/L	87%		70-130		
1,2-Dichloroethane-d4	47.72	50.00	ug/L	95%		70-130		
Toluene-d8	54.73	50.00	ug/L	109%		70-130		
Bromofluorobenzene	49.71	50.00	ug/L	99%		70-130		

Batch QC

Type: Matrix Spike	Lab ID: QC1275744	Batch: 376811
Matrix (Source ID): Water (537578-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1275744 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	20.09	ND	20.00	ug/L	100%		62-131	1
MTBE	19.40	ND	20.00	ug/L	97%		61-124	1
Benzene	19.76	ND	20.00	ug/L	99%		70-123	1
Trichloroethene	25.00	ND	20.00	ug/L	125%		65-131	1
Toluene	24.06	ND	20.00	ug/L	120%		69-120	1
Chlorobenzene	24.78	ND	20.00	ug/L	124%	*	72-121	1
Surrogates								
Dibromofluoromethane	44.08		50.00	ug/L	88%		70-130	1
1,2-Dichloroethane-d4	48.54		50.00	ug/L	97%		70-130	1
Toluene-d8	54.78		50.00	ug/L	110%		70-130	1
Bromofluorobenzene	49.37		50.00	ug/L	99%		70-130	1

Type: Matrix Spike Duplicate	Lab ID: QC1275745	Batch: 376811
Matrix (Source ID): Water (537578-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1275745 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	18.91	ND	20.00	ug/L	95%		62-131	6	31	1
MTBE	18.92	ND	20.00	ug/L	95%		61-124	3	30	1
Benzene	18.74	ND	20.00	ug/L	94%		70-123	5	31	1
Trichloroethene	24.03	ND	20.00	ug/L	120%		65-131	4	31	1
Toluene	23.10	ND	20.00	ug/L	115%		69-120	4	29	1
Chlorobenzene	23.51	ND	20.00	ug/L	118%		72-121	5	29	1
Surrogates										
Dibromofluoromethane	43.29		50.00	ug/L	87%		70-130			1
1,2-Dichloroethane-d4	48.31		50.00	ug/L	97%		70-130			1
Toluene-d8	54.70		50.00	ug/L	109%		70-130			1
Bromofluorobenzene	50.06		50.00	ug/L	100%		70-130			1

Batch QC

Type: Blank
Matrix: Water

Lab ID: QC1275746
Method: EPA 8260B

Batch: 376811
Prep Method: EPA 5030B

QC1275746 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.2	07/19/25	07/19/25
Freon 12	ND		ug/L	5.0	0.2	07/19/25	07/19/25
Chloromethane	ND		ug/L	5.0	0.1	07/19/25	07/19/25
Vinyl Chloride	ND		ug/L	5.0	0.1	07/19/25	07/19/25
Bromomethane	ND		ug/L	5.0	0.3	07/19/25	07/19/25
Chloroethane	ND		ug/L	5.0	0.05	07/19/25	07/19/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	07/19/25	07/19/25
Acetone	ND		ug/L	100	8.8	07/19/25	07/19/25
Freon 113	ND		ug/L	5.0	0.1	07/19/25	07/19/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	07/19/25	07/19/25
Methylene Chloride	ND		ug/L	5.0	0.2	07/19/25	07/19/25
MTBE	ND		ug/L	5.0	0.1	07/19/25	07/19/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	07/19/25	07/19/25
1,1-Dichloroethane	ND		ug/L	5.0	0.07	07/19/25	07/19/25
2-Butanone	ND		ug/L	100	0.9	07/19/25	07/19/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	07/19/25	07/19/25
2,2-Dichloropropane	ND		ug/L	5.0	0.09	07/19/25	07/19/25
Chloroform	ND		ug/L	5.0	0.07	07/19/25	07/19/25
Bromochloromethane	ND		ug/L	5.0	0.1	07/19/25	07/19/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	07/19/25	07/19/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	07/19/25	07/19/25
Carbon Tetrachloride	ND		ug/L	5.0	0.07	07/19/25	07/19/25
1,2-Dichloroethane	ND		ug/L	5.0	0.09	07/19/25	07/19/25
Benzene	ND		ug/L	5.0	0.07	07/19/25	07/19/25
Trichloroethene	ND		ug/L	5.0	0.05	07/19/25	07/19/25
1,2-Dichloropropane	ND		ug/L	5.0	0.07	07/19/25	07/19/25
Bromodichloromethane	ND		ug/L	5.0	0.05	07/19/25	07/19/25
Dibromomethane	ND		ug/L	5.0	0.1	07/19/25	07/19/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	07/19/25	07/19/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	07/19/25	07/19/25
Toluene	ND		ug/L	5.0	0.05	07/19/25	07/19/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	07/19/25	07/19/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	07/19/25	07/19/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	07/19/25	07/19/25
Tetrachloroethene	ND		ug/L	5.0	0.09	07/19/25	07/19/25
Dibromochloromethane	ND		ug/L	5.0	0.07	07/19/25	07/19/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	07/19/25	07/19/25
Chlorobenzene	ND		ug/L	5.0	0.05	07/19/25	07/19/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	07/19/25	07/19/25
Ethylbenzene	ND		ug/L	5.0	0.04	07/19/25	07/19/25
m,p-Xylenes	ND		ug/L	10	0.1	07/19/25	07/19/25
o-Xylene	ND		ug/L	5.0	0.06	07/19/25	07/19/25
Styrene	ND		ug/L	5.0	0.06	07/19/25	07/19/25
Bromoform	ND		ug/L	5.0	0.08	07/19/25	07/19/25
Isopropylbenzene	ND		ug/L	5.0	0.06	07/19/25	07/19/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	07/19/25	07/19/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	07/19/25	07/19/25

Batch QC

QC1275746 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.05	07/19/25	07/19/25
Bromobenzene	ND		ug/L	5.0	0.06	07/19/25	07/19/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	07/19/25	07/19/25
2-Chlorotoluene	ND		ug/L	5.0	0.07	07/19/25	07/19/25
4-Chlorotoluene	ND		ug/L	5.0	0.08	07/19/25	07/19/25
tert-Butylbenzene	ND		ug/L	5.0	0.07	07/19/25	07/19/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	07/19/25	07/19/25
sec-Butylbenzene	ND		ug/L	5.0	0.06	07/19/25	07/19/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	07/19/25	07/19/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	07/19/25	07/19/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	07/19/25	07/19/25
n-Butylbenzene	ND		ug/L	5.0	0.08	07/19/25	07/19/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	07/19/25	07/19/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	07/19/25	07/19/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	07/19/25	07/19/25
Hexachlorobutadiene	ND		ug/L	5.0	0.06	07/19/25	07/19/25
Naphthalene	ND		ug/L	5.0	0.3	07/19/25	07/19/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	07/19/25	07/19/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	07/19/25	07/19/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	07/19/25	07/19/25
Xylene (total)	ND		ug/L	5.0		07/19/25	07/19/25
Surrogates	Limits						
Dibromofluoromethane	94%		%REC	70-130		07/19/25	07/19/25
1,2-Dichloroethane-d4	105%		%REC	70-130		07/19/25	07/19/25
Toluene-d8	109%		%REC	70-130		07/19/25	07/19/25
Bromofluorobenzene	99%		%REC	70-130		07/19/25	07/19/25

Type: Lab Control Sample
Matrix: Water

Lab ID: QC1277335
Method: EPA 8260B

Batch: 377252
Prep Method: EPA 5030B

QC1277335 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	45.86	50.00	ug/L	92%		69-128
MTBE	48.44	50.00	ug/L	97%		66-125
Benzene	47.70	50.00	ug/L	95%		76-121
Trichloroethene	48.88	50.00	ug/L	98%		76-124
Toluene	46.97	50.00	ug/L	94%		76-120
Chlorobenzene	47.29	50.00	ug/L	95%		78-120
Surrogates						
Dibromofluoromethane	48.11	50.00	ug/L	96%		70-130
1,2-Dichloroethane-d4	48.37	50.00	ug/L	97%		70-130
Toluene-d8	50.28	50.00	ug/L	101%		70-130
Bromofluorobenzene	49.98	50.00	ug/L	100%		70-130

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1277336	Batch: 377252
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1277336 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	46.76	50.00	ug/L	94%		69-128	2	23
MTBE	49.65	50.00	ug/L	99%		66-125	2	22
Benzene	48.72	50.00	ug/L	97%		76-121	2	21
Trichloroethene	49.57	50.00	ug/L	99%		76-124	1	22
Toluene	48.01	50.00	ug/L	96%		76-120	2	21
Chlorobenzene	48.42	50.00	ug/L	97%		78-120	2	20
Surrogates								
Dibromofluoromethane	47.82	50.00	ug/L	96%		70-130		
1,2-Dichloroethane-d4	48.82	50.00	ug/L	98%		70-130		
Toluene-d8	50.39	50.00	ug/L	101%		70-130		
Bromofluorobenzene	49.77	50.00	ug/L	100%		70-130		

Batch QC

Type: Blank	Lab ID: QC1277340	Batch: 377252
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1277340 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.2	07/24/25	07/24/25
Freon 12	ND		ug/L	5.0	0.2	07/24/25	07/24/25
Chloromethane	ND		ug/L	5.0	0.1	07/24/25	07/24/25
Vinyl Chloride	ND		ug/L	5.0	0.1	07/24/25	07/24/25
Bromomethane	ND		ug/L	5.0	0.3	07/24/25	07/24/25
Chloroethane	ND		ug/L	5.0	0.05	07/24/25	07/24/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	07/24/25	07/24/25
Acetone	ND		ug/L	100	8.8	07/24/25	07/24/25
Freon 113	ND		ug/L	5.0	0.1	07/24/25	07/24/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	07/24/25	07/24/25
Methylene Chloride	ND		ug/L	5.0	0.2	07/24/25	07/24/25
MTBE	ND		ug/L	5.0	0.1	07/24/25	07/24/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	07/24/25	07/24/25
1,1-Dichloroethane	ND		ug/L	5.0	0.07	07/24/25	07/24/25
2-Butanone	ND		ug/L	100	0.9	07/24/25	07/24/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	07/24/25	07/24/25
2,2-Dichloropropane	ND		ug/L	5.0	0.09	07/24/25	07/24/25
Chloroform	ND		ug/L	5.0	0.07	07/24/25	07/24/25
Bromochloromethane	ND		ug/L	5.0	0.1	07/24/25	07/24/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	07/24/25	07/24/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	07/24/25	07/24/25
Carbon Tetrachloride	ND		ug/L	5.0	0.07	07/24/25	07/24/25
1,2-Dichloroethane	ND		ug/L	5.0	0.09	07/24/25	07/24/25
Benzene	ND		ug/L	5.0	0.07	07/24/25	07/24/25
Trichloroethene	ND		ug/L	5.0	0.05	07/24/25	07/24/25
1,2-Dichloropropane	ND		ug/L	5.0	0.07	07/24/25	07/24/25
Bromodichloromethane	ND		ug/L	5.0	0.05	07/24/25	07/24/25
Dibromomethane	ND		ug/L	5.0	0.1	07/24/25	07/24/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	07/24/25	07/24/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	07/24/25	07/24/25
Toluene	ND		ug/L	5.0	0.05	07/24/25	07/24/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	07/24/25	07/24/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	07/24/25	07/24/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	07/24/25	07/24/25
Tetrachloroethene	ND		ug/L	5.0	0.09	07/24/25	07/24/25
Dibromochloromethane	ND		ug/L	5.0	0.07	07/24/25	07/24/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	07/24/25	07/24/25
Chlorobenzene	ND		ug/L	5.0	0.05	07/24/25	07/24/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	07/24/25	07/24/25
Ethylbenzene	ND		ug/L	5.0	0.04	07/24/25	07/24/25
m,p-Xylenes	ND		ug/L	10	0.1	07/24/25	07/24/25
o-Xylene	ND		ug/L	5.0	0.06	07/24/25	07/24/25
Styrene	ND		ug/L	5.0	0.06	07/24/25	07/24/25
Bromoform	ND		ug/L	5.0	0.08	07/24/25	07/24/25
Isopropylbenzene	ND		ug/L	5.0	0.06	07/24/25	07/24/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	07/24/25	07/24/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	07/24/25	07/24/25

Batch QC

QC1277340 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.05	07/24/25	07/24/25
Bromobenzene	ND		ug/L	5.0	0.06	07/24/25	07/24/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	07/24/25	07/24/25
2-Chlorotoluene	ND		ug/L	5.0	0.07	07/24/25	07/24/25
4-Chlorotoluene	ND		ug/L	5.0	0.08	07/24/25	07/24/25
tert-Butylbenzene	ND		ug/L	5.0	0.07	07/24/25	07/24/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	07/24/25	07/24/25
sec-Butylbenzene	ND		ug/L	5.0	0.06	07/24/25	07/24/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	07/24/25	07/24/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	07/24/25	07/24/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	07/24/25	07/24/25
n-Butylbenzene	ND		ug/L	5.0	0.08	07/24/25	07/24/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	07/24/25	07/24/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	07/24/25	07/24/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	07/24/25	07/24/25
Hexachlorobutadiene	ND		ug/L	5.0	0.06	07/24/25	07/24/25
Naphthalene	ND		ug/L	5.0	0.3	07/24/25	07/24/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	07/24/25	07/24/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	07/24/25	07/24/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	07/24/25	07/24/25
Xylene (total)	ND		ug/L	5.0		07/24/25	07/24/25
Surrogates				Limits			
Dibromofluoromethane	105%		%REC	70-130		07/24/25	07/24/25
1,2-Dichloroethane-d4	106%		%REC	70-130		07/24/25	07/24/25
Toluene-d8	99%		%REC	70-130		07/24/25	07/24/25
Bromofluorobenzene	98%		%REC	70-130		07/24/25	07/24/25

Type: Matrix Spike	Lab ID: QC1277421	Batch: 377252
Matrix (Source ID): Water (537588-004)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1277421 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	0.4185	ND	0.5000	ug/L	84%		62-131	1
MTBE	0.3425	ND	0.5000	ug/L	68%		61-124	1
Benzene	0.4046	ND	0.5000	ug/L	81%		70-123	1
Trichloroethene	0.4433	ND	0.5000	ug/L	89%		65-131	1
Toluene	0.4573	ND	0.5000	ug/L	91%		69-120	1
Chlorobenzene	0.4260	ND	0.5000	ug/L	85%		72-121	1
Surrogates								
Dibromofluoromethane	51.85		50.00	ug/L	104%		70-130	1
1,2-Dichloroethane-d4	52.57		50.00	ug/L	105%		70-130	1
Toluene-d8	50.17		50.00	ug/L	100%		70-130	1
Bromofluorobenzene	48.74		50.00	ug/L	97%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1277422	Batch: 377252
Matrix (Source ID): Water (537588-004)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1277422 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	0.4867	ND	0.5000	ug/L	97%		62-131	15	31	1
MTBE	0.3775	ND	0.5000	ug/L	76%		61-124	10	30	1
Benzene	0.4694	ND	0.5000	ug/L	94%		70-123	15	31	1
Trichloroethene	0.4783	ND	0.5000	ug/L	96%		65-131	8	31	1
Toluene	0.4899	ND	0.5000	ug/L	98%		69-120	7	29	1
Chlorobenzene	0.4607	ND	0.5000	ug/L	92%		72-121	8	29	1
Surrogates										
Dibromofluoromethane	51.77		50.00	ug/L	104%		70-130			1
1,2-Dichloroethane-d4	52.35		50.00	ug/L	105%		70-130			1
Toluene-d8	49.36		50.00	ug/L	99%		70-130			1
Bromofluorobenzene	48.93		50.00	ug/L	98%		70-130			1

Type: Blank	Lab ID: QC1274864	Batch: 376555
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1274864 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.95	07/16/25	07/17/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	102%		%REC	80-120		07/16/25	07/17/25

Type: Lab Control Sample	Lab ID: QC1274866	Batch: 376555
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1274866 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	11.56	10.00	ug/L	116%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.51	10.00	ug/L	105%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1274867	Batch: 376555
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1274867 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	9.914	10.00	ug/L	99%		79-120	15	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.09	10.00	ug/L	101%		80-120		

Type: Blank	Lab ID: QC1274585	Batch: 376462
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1274585 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		07/15/25	07/15/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1274586	Batch: 376462
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1274586 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1274587	Batch: 376462
Matrix (Source ID): Drinking Water (537539-003)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1274587 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1274588	Batch: 376462
Matrix (Source ID): Drinking Water (537539-003)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1274588 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	0	20	1

Type: Blank	Lab ID: QC1275252	Batch: 376674
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1275252 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.68	07/17/25	07/17/25

Type: Lab Control Sample	Lab ID: QC1275253	Batch: 376674
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1275253 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	23.94	25.00	mg/L	96%		85-115

Type: Matrix Spike	Lab ID: QC1275254	Batch: 376674
Matrix (Source ID): Water (537831-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1275254 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	47,130	33370	12500	mg/L	110%		75-125	500

Type: Matrix Spike Duplicate	Lab ID: QC1275255	Batch: 376674
Matrix (Source ID): Water (537831-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1275255 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Total Organic Carbon	47,440	33370	12500	mg/L	113%		75-125	1	25	500

Batch QC

Type: Blank	Lab ID: QC1276225	Batch: 376939
Matrix: Drinking Water	Method: SM2320B	Prep Method: METHOD

QC1276225 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		07/17/25	07/17/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		07/17/25	07/17/25

Type: Lab Control Sample	Lab ID: QC1276226	Batch: 376939
Matrix: Drinking Water	Method: SM2320B	Prep Method: METHOD

QC1276226 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	922.4	1000	mg/L	92%		90-110

Type: Sample Duplicate	Lab ID: QC1276229	Batch: 376939
Matrix (Source ID): Water (537631-002)	Method: SM2320B	Prep Method: METHOD

QC1276229 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	178.6	179.9	mg/L		1	20	2.5
Alkalinity, Total as CaCO ₃	178.6	179.9	mg/L		1	20	2.5

Type: Blank	Lab ID: QC1276019	Batch: 376886
Matrix: Drinking Water	Method: SM2540C	Prep Method: METHOD

QC1276019 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	10		07/20/25	07/21/25

Type: Lab Control Sample	Lab ID: QC1276020	Batch: 376886
Matrix: Drinking Water	Method: SM2540C	Prep Method: METHOD

QC1276020 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,017	1000	mg/L	102%		90-110

Type: Sample Duplicate	Lab ID: QC1276021	Batch: 376886
Matrix (Source ID): Water (537668-006)	Method: SM2540C	Prep Method: METHOD

QC1276021 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	8,060	7600	mg/L		6*	5	4

Type: Sample Duplicate	Lab ID: QC1276022	Batch: 376886
Matrix (Source ID): Water (537668-003)	Method: SM2540C	Prep Method: METHOD

QC1276022 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	6,672	6512	mg/L		2	5	4

Batch QC

* Value is outside QC limits
E Response exceeds instrument's linear range
J Estimated value
ND Not Detected
NM Not Meaningful

Laboratory Job Number 537588

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2507B45

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-537588

Project Location:

Project Received: 07/17/2025

Analytical Report reviewed & approved for release on 07/22/2025 by:

Yen Cao
Project Manager

McC Campbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.



Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical**WorkOrder:** 2507B45**Project:** EO-537588

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit ¹
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit ²
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

¹ MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

² RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.



Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2507B45

Project: EO-537588

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	"Too Numerous to Count," greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Analytical Report

Client: Enthalpy Analytical
Date Received: 07/17/2025 9:23
Date Prepared: 07/21/2025
Project: EO-537588

WorkOrder: 2507B45
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-14	2507B45-001A	Water	07/14/2025 08:22	GC26 0721250104.D	321851

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	390	50	50	1	07/21/2025 14:53

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
PZ-4	2507B45-002A	Water	07/14/2025 09:36	GC26 0721250107.D	321851

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	13,000	500	500	10	07/21/2025 15:49

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-17	2507B45-003A	Water	07/14/2025 10:50	GC26 0721250108.D	321851

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	260	50	50	1	07/21/2025 16:05

Analyst(s): CLO

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 07/17/2025 9:23
Date Prepared: 07/21/2025
Project: EO-537588

WorkOrder: 2507B45
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-30	2507B45-004A	Water	07/14/2025 12:01	GC26 0721250110.D	321851

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	2800	120	120	2.5	07/21/2025 16:31

Analyst(s): CLO



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 07/21/2025
Date Analyzed: 07/21/2025
Instrument: GC26
Matrix: Water
Project: EO-537588

WorkOrder: 2507B45
BatchID: 321851
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-321851

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	130	140	187.2	71	73	70-130	3.06	30

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

☐ WaterTrax ☐ CLIP ☐ EDF

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2507B45

ClientCode: ENO

QuoteID: 252619

☐ EQuIS ☐ Dry-Weight ☒ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☐ Detection Summary ☒ Excel [A1_Standard_QC]

Report to:

Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party:
PO: 079649
Project: EO-537588

Bill to:

Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT:

2 days;

Date Received: 07/17/2025

Date Logged: 07/18/2025

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2507B45-001	DW-14	Water	7/14/2025 08:22	☐	A	A										
2507B45-002	PZ-4	Water	7/14/2025 09:36	☐	A	A										
2507B45-003	DW-17	Water	7/14/2025 10:50	☐	A	A										
2507B45-004	DW-30	Water	7/14/2025 12:01	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Agustina Venegas

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL

Project: EO-537588

Work Order: 2507B45

Client Contact: Zach Barker

QC Level: LEVEL 2

Contact's Email: zach.barker@enthalpy.com

Comments:

Date Logged: 7/18/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☒ Excel ☐ EQUIS ☒ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-14	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	7/14/2025 8:22	2 days	7/21/2025	Present	☐	☐
002A	PZ-4	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	7/14/2025 9:36	2 days	7/21/2025	None	☐	☐
003A	DW-17	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	7/14/2025 10:50	2 days	7/21/2025	None	☐	☐
004A	DW-30	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	7/14/2025 12:01	2 days	7/21/2025	Present	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U** = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.

HOLD TIME RUSH



2507B45

931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:

McC Campbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-537588

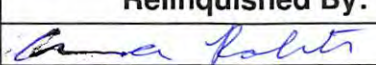
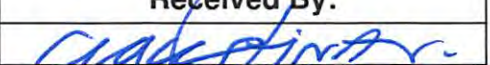
PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel
EDD

Notes:

Chiquita Canyon Landfill

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
+ DW-14	14-JUL-2025 08:22	537588-001	3 2	Water	RSK-175 CO2	
✓ PZ-4	14-JUL-2025 09:36	537588-002	3 2	Water	RSK-175 CO2	
✓ DW-17	14-JUL-2025 10:50	537588-003	3 2	Water	RSK-175 CO2	
+ DW-30	14-JUL-2025 12:01	537588-004	3 2	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
		
	Date: 7-16-25 14:47	Date: 7/17/25 09:23
	Date:	Date:
	Date:	Date:



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-537588

Date and Time Received: 7/17/2025 09:23
Date Logged: 7/18/2025
Received by: Agustina Venegas
Logged by: Agustina Venegas

WorkOrder No: 2507B45 Matrix: Water
Carrier: FedEx

Chain of Custody (COC) Information

Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Sample IDs noted by Client on COC?	Yes ☒	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☒	No ☐	
Sampler's name noted on COC?	Yes ☐	No ☒	
COC agrees with Quote?	Yes ☒	No ☐	NA ☐
COC quote NOT expired?	Yes ☒	No ☐	NA ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	NA ☒
Shipping container/cooler in good condition?	Yes ☒	No ☐	
Samples in proper containers/bottles?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☒	No ☐	NA ☐
Samples Received on Ice?	Yes ☒	No ☐	

(Ice Type: WET ICE)

Sample/Temp Blank temperature	Temp: 0.1°C	NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☒ No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☒ No ☐	
pH acceptable upon receipt (Metal: <2)?	Yes ☐ No ☐	NA ☒

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐ No ☐	NA ☒
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes ☐ No ☐	NA ☒

Comments:



Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 537704
Report Level : II
Report Date : 07/30/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill / Quarterly MPars

Authorized for release by:

Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

Sample Summary

Steve Cassulo	Lab Job #:	537704
Waste Connections	Project No:	GW MONITORING
Chiquita Canyon Landfill	Location:	Chiquita Canyon Landfill / Quarterly MPars
29201 Henry Mayo	Date Received:	07/15/25
Drive		
Castaic, CA 91384		

Sample ID	Lab ID	Collected	Matrix
DW-12	537704-001	07/15/25 08:02	Water
DW-7	537704-002	07/15/25 09:03	Water
DW-21	537704-003	07/15/25 09:57	Water
DW-18	537704-004	07/15/25 11:05	Water
DW-31	537704-005	07/15/25 12:11	Water
QCFB	537704-006	07/15/25 08:04	Water
QCTB	537704-007	07/15/25 00:00	Water

Case Narrative

Waste Connections	Lab Job Number: 537704
Chiquita Canyon Landfill	Project No: GW MONITORING
29201 Henry Mayo Drive	Location: Chiquita Canyon Landfill / Quarterly
Castaic, CA 91384	MPars
Steve Cassulo	Date Received: 07/15/25

This data package contains sample and QC results for seven water samples, requested for the above referenced project on 07/16/25. The samples were received cold and intact.

Volatile Organics by GC/MS (EPA 8260B):

- 2-butanone was detected between the MDL and the RL in the method blank for batch 377656; this analyte was not detected in samples at or above the RL.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):

No analytical problems were encountered.

Metals (EPA 6010B):

- Manganese and sodium were detected above the RL in the method blank for batch 376557; these analytes were either not detected in samples at or above the RL, or detected at a level at least 10 times that of the blank. Magnesium was detected between the MDL and the RL in the method blank for batch 376557.
- No other analytical problems were encountered.

Ion Chromatography (EPA 300.0):

- Responses exceeding the instrument's linear range were observed for sulfate in the MS/MSD of DW-21 (lab # 537704-003); affected data was qualified with "E".
- No other analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):

No analytical problems were encountered.

Alkalinity (SM2320B):

No analytical problems were encountered.

Sulfide (SM 4500-S2-D):

No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):

No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):

- Low recoveries were observed for chemical oxygen demand in the MS/MSD of DW-3 (lab # 537753-004); the LCS was within limits.
- No other analytical problems were encountered.



Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):

No analytical problems were encountered.

RSK-175 CO2 (RSK-175):

McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.



Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Chain of Custody Record

Lab No: 537704
Page: 1 of 1

Matrix: A = Air S = Soil/Solid
W = Water DW = Drinking Water SD = Sediment
PP = Pure Product SEA = Sea Water
SW = Swab T = Tissue WP = Wipe O = Other

Turn Around Time (rush by advanced notice only)

Standard: X 5 Day: 1 Day: 3 Day: Custom TAT:

Preservatives:
1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
4 = H₂SO₄ 5 = NaOH 6 = Other
Sample Receipt Temp: 20.3 IR A3
yes bag
(lab use only)

CUSTOMER INFORMATION				PROJECT INFORMATION				Analysis Request										Test Instructions / Comments		
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	VOCs (EPA 8260B)	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO ₃	Ammonia-N, Nitrate-N	COD, Cl, SO ₄ , TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide	Quarterly MPars	
Report To:	Steve Cassulo	Number:	661-257-3655																	cc report to: pchang@changenvironmental.com Basic EDD & GeoTracker EDF
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:																		
Address:	29201 Henry Mayo Drive	Address:																		
	Castaic, CA, 91384																			
Phone:	661-257-3655	Global ID:	L10003464243																	
Fax:		Sampled By:	Paul Chang																	
1	DW-12	7/15/25	802	W	13	var.														
2	DW-7		903																	
3	DW-21		957																	
4	DW-18		1105																	
5	DW-31		1211																	
6	QCPB		804					3												
7	QCTB							2												
8																				
9																				
10																				



Login 537704



Signature		Print Name		Company / Title		Date / Time	
1 Relinquished By:				CEI		7/15/25	1320
1 Received By:		Paul Chang	Paul Chang	SA-NH		7/15/25	1320
2 Relinquished By:				SA-NH		7/16/25	9:00
2 Received By:		Jim Lin	Jim Lin	EA-NH		7/16/25	9:00
3 Relinquished By:				EA-NH		7/16/25	10:50
3 Received By:		James C. Freeman	James C. Freeman	EA-NH		7/16/25	10:50

ENTHALPY

Date Received: 7.15.25 WO# _____ Client: Chiquita Canyon LF

Are custody seals present? ☐ Yes ☒ No

Shipping Info: ☒ Walk in or Pickup☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 7.15.25 By (initials) JWL Type of ice used : ☐ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR03 CF: -0.7C

Cooler Temp (°C) #1: 15.2 / 14.5 #2: / #3: / #4: / #5: / #6: /

☐ No microbiology samples submitted (skip 3b)☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

☐ No air samples submitted (skip 3c)☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other

YES	NO	N/A
-----	----	-----

1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)			
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?			
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			
13) Are VOA vials free from headspace/bubbles > 6mm?			

☐ PM notified

Date Logged _____ By (print) _____ (sign) _____

Date Labeled _____ By (print) _____ (sign) _____

Date Received: 7/16/25

WO# 537704

Client: Waste Connections

Are custody seals present? ☐ Yes ☒ No

Custody seals intact on arrival? ☒ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

☒ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info:

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 7/16/25 By (initials) GxO

Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR 13 CF: +0.0

Cooler Temp (°C) #1: 2.3 / 2.3 #2: / #3: / #4: / #5: / #6: /

☐ No microbiology samples submitted (skip 3b)☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

☐ No air samples submitted (skip 3c)☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other

YES	NO	N/A
-----	----	-----

1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)			X
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?		X	
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			X
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

(If no comments are made, then no discrepancies noted.)

[illegible]☐ No additional discrepancies

Date Logged 7/15/25

By (print) ABD

(sign)

Date Labeled 7/16/25

By (print) A. G. S.

(sign)

Analysis Results for 537704

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 537704
Project No: GW MONITORING
Location: Chiquita Canyon Landfill / Quarterly MPars
Date Received: 07/15/25

Sample ID: DW-12

Lab ID: 537704-001

Collected: 07/15/25 08:02

Matrix: Water

537704-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.62		mg/L	0.20	0.073	1	376526	07/16/25 14:10	07/16/25 18:02	BPH
Chloride	200		mg/L	1.0	0.27	1	376526	07/16/25 14:10	07/16/25 18:02	BPH
Bromide	0.72		mg/L	0.30	0.060	1	376526	07/16/25 14:10	07/16/25 18:02	BPH
Nitrogen, Nitrate	4.0		mg/L	0.10	0.05	1	376526	07/16/25 14:10	07/16/25 18:02	BPH
Sulfate	310		mg/L	10	1.8	10	376526	07/16/25 14:10	07/16/25 18:18	BPH
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	377198	07/23/25	07/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.20		mg/L	0.050	0.0055	1	376557	07/16/25	07/17/25	SBW
Calcium	23		mg/L	1.0	0.57	1	376557	07/16/25	07/17/25	SBW
Iron	ND		mg/L	0.10	0.046	1	376557	07/16/25	07/17/25	SBW
Magnesium	2.7		mg/L	0.10	0.025	1	376557	07/16/25	07/17/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	376557	07/16/25	07/17/25	SBW
Potassium	1.7		mg/L	0.50	0.40	1	376557	07/16/25	07/17/25	SBW
Sodium	270		mg/L	0.60	0.35	1	376557	07/16/25	07/17/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Freon 12	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Chloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Bromomethane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
Chloroethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Acetone	ND		ug/L	100	8.8	1	377656	07/29/25	07/29/25	TCN
Freon 113	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Methylene Chloride	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
MTBE	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
2-Butanone	ND		ug/L	100	0.9	1	377656	07/29/25	07/29/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Chloroform	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN

Analysis Results for 537704

537704-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Benzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Trichloroethene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Dibromomethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377656	07/29/25	07/29/25	TCN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Chlorobenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Ethylbenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
m,p-Xylenes	ND		ug/L	10	0.1	1	377656	07/29/25	07/29/25	TCN
o-Xylene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Styrene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Bromoform	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Propylbenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Bromobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Naphthalene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Xylene (total)	ND		ug/L	5.0		1	377656	07/29/25	07/29/25	TCN
Surrogates			Limits							
Dibromofluoromethane	95%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN

Analysis Results for 537704

537704-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	102%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Toluene-d8	97%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Bromofluorobenzene	97%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.95	1	376555	07/16/25	07/17/25	ZFA
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	94%		%REC	80-120		1	376555	07/16/25	07/17/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376582	07/16/25	07/16/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	376801	07/18/25	07/19/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	150		mg/L	5.0		2.5	376950	07/17/25	07/17/25	WWC
Alkalinity, Total as CaCO3	150		mg/L	5.0		2.5	376950	07/17/25	07/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	940		mg/L	20		2	376956	07/21/25	07/23/25	RDL

Analysis Results for 537704

Sample ID: DW-7
Lab ID: 537704-002
Collected: 07/15/25 09:03
Matrix: Water

537704-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.16	J	mg/L	0.20	0.073	1	376526	07/16/25 14:10	07/16/25 18:35	BPH
Chloride	86		mg/L	1.0	0.27	1	376526	07/16/25 14:10	07/16/25 18:35	BPH
Bromide	0.16	J	mg/L	0.30	0.060	1	376526	07/16/25 14:10	07/16/25 18:35	BPH
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	376526	07/16/25 14:10	07/16/25 18:35	BPH
Sulfate	670		mg/L	10	1.8	10	376526	07/16/25 14:10	07/16/25 18:52	BPH
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	377198	07/23/25	07/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.16		mg/L	0.050	0.0055	1	376557	07/16/25	07/17/25	SBW
Calcium	31		mg/L	1.0	0.57	1	376557	07/16/25	07/17/25	SBW
Iron	ND		mg/L	0.10	0.046	1	376557	07/16/25	07/17/25	SBW
Magnesium	1.5		mg/L	0.10	0.025	1	376557	07/16/25	07/17/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	376557	07/16/25	07/17/25	SBW
Potassium	1.1		mg/L	0.50	0.40	1	376557	07/16/25	07/17/25	SBW
Sodium	320		mg/L	0.60	0.35	1	376557	07/16/25	07/17/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Freon 12	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Chloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Bromomethane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
Chloroethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Acetone	ND		ug/L	100	8.8	1	377656	07/29/25	07/29/25	TCN
Freon 113	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Methylene Chloride	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
MTBE	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
2-Butanone	ND		ug/L	100	0.9	1	377656	07/29/25	07/29/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Chloroform	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromochloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN

Analysis Results for 537704

537704-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Trichloroethene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Dibromomethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377656	07/29/25	07/29/25	TCN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Chlorobenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Ethylbenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
m,p-Xylenes	ND		ug/L	10	0.1	1	377656	07/29/25	07/29/25	TCN
o-Xylene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Styrene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Bromoform	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Propylbenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Bromobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Naphthalene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Xylene (total)	ND		ug/L	5.0		1	377656	07/29/25	07/29/25	TCN
Surrogates				Limits						
Dibromofluoromethane	92%	%REC	70-130		1	377656	07/29/25	07/29/25	TCN	
1,2-Dichloroethane-d4	99%	%REC	70-130		1	377656	07/29/25	07/29/25	TCN	
Toluene-d8	99%	%REC	70-130		1	377656	07/29/25	07/29/25	TCN	
Bromofluorobenzene	98%	%REC	70-130		1	377656	07/29/25	07/29/25	TCN	

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 537704

537704-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	376555	07/16/25	07/17/25	ZFA
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	90%		%REC	80-120		1	376555	07/16/25	07/17/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376582	07/16/25	07/16/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	376801	07/18/25	07/19/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	91		mg/L	5.0		2.5	376950	07/17/25	07/17/25	WWC
Alkalinity, Total as CaCO3	91		mg/L	5.0		2.5	376950	07/17/25	07/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,200		mg/L	20		2	376956	07/21/25	07/23/25	RDL

Analysis Results for 537704

Sample ID: DW-21
Lab ID: 537704-003
Collected: 07/15/25 09:57
Matrix: Water

537704-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.86		mg/L	0.20	0.073	1	376526	07/16/25 14:10	07/16/25 15:47	BPH
Chloride	56		mg/L	1.0	0.27	1	376526	07/16/25 14:10	07/16/25 15:47	BPH
Bromide	0.15	J	mg/L	0.30	0.060	1	376526	07/16/25 14:10	07/16/25 15:47	BPH
Nitrogen, Nitrate	0.12		mg/L	0.10	0.05	1	376526	07/16/25 14:10	07/16/25 15:47	BPH
Sulfate	120		mg/L	10	1.8	10	376526	07/16/25 14:10	07/16/25 16:37	BPH
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	377198	07/23/25	07/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.25		mg/L	0.050	0.0055	1	376557	07/16/25	07/17/25	SBW
Calcium	3.4		mg/L	1.0	0.57	1	376557	07/16/25	07/17/25	SBW
Iron	0.13		mg/L	0.10	0.046	1	376557	07/16/25	07/17/25	SBW
Magnesium	0.17	B	mg/L	0.10	0.025	1	376557	07/16/25	07/17/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	376557	07/16/25	07/17/25	SBW
Potassium	ND		mg/L	0.50	0.40	1	376557	07/16/25	07/17/25	SBW
Sodium	130		mg/L	0.60	0.35	1	376557	07/16/25	07/17/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Freon 12	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Chloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Bromomethane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
Chloroethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Acetone	ND		ug/L	100	8.8	1	377656	07/29/25	07/29/25	TCN
Freon 113	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Methylene Chloride	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
MTBE	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
2-Butanone	ND		ug/L	100	0.9	1	377656	07/29/25	07/29/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Chloroform	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromochloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN

Analysis Results for 537704

537704-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Trichloroethene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Dibromomethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377656	07/29/25	07/29/25	TCN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Chlorobenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Ethylbenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
m,p-Xylenes	ND		ug/L	10	0.1	1	377656	07/29/25	07/29/25	TCN
o-Xylene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Styrene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Bromoform	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Propylbenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Bromobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Naphthalene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Xylene (total)	ND		ug/L	5.0		1	377656	07/29/25	07/29/25	TCN
Surrogates			Limits							
Dibromofluoromethane	95%	%REC	70-130			1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane-d4	100%	%REC	70-130			1	377656	07/29/25	07/29/25	TCN
Toluene-d8	97%	%REC	70-130			1	377656	07/29/25	07/29/25	TCN
Bromofluorobenzene	97%	%REC	70-130			1	377656	07/29/25	07/29/25	TCN

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 537704

537704-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	376555	07/16/25	07/17/25	ZFA
Surrogates			Limits							
1,4-Dioxane-d8 (SUR)	103%		%REC	80-120		1	376555	07/16/25	07/17/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376582	07/16/25	07/16/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	1.1		mg/L	1.0	0.68	1	376801	07/18/25	07/19/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	96		mg/L	5.0		2.5	376950	07/17/25	07/17/25	WWC
Alkalinity, Total as CaCO3	120		mg/L	5.0		2.5	376950	07/17/25	07/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	410		mg/L	20		2	376956	07/21/25	07/23/25	RDL

Analysis Results for 537704

Sample ID: DW-18
Lab ID: 537704-004
Collected: 07/15/25 11:05
Matrix: Water

537704-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.26		mg/L	0.20	0.073	1	376526	07/16/25 14:10	07/16/25 19:09	BPH
Chloride	120		mg/L	1.0	0.27	1	376526	07/16/25 14:10	07/16/25 19:09	BPH
Bromide	0.31		mg/L	0.30	0.060	1	376526	07/16/25 14:10	07/16/25 19:09	BPH
Nitrogen, Nitrate	3.3		mg/L	0.10	0.05	1	376526	07/16/25 14:10	07/16/25 19:09	BPH
Sulfate	360		mg/L	10	1.8	10	376526	07/16/25 14:10	07/16/25 19:25	BPH
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	377198	07/23/25	07/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.32		mg/L	0.050	0.0055	1	376557	07/16/25	07/17/25	SBW
Calcium	25		mg/L	1.0	0.57	1	376557	07/16/25	07/17/25	SBW
Iron	ND		mg/L	0.10	0.046	1	376557	07/16/25	07/17/25	SBW
Magnesium	2.0		mg/L	0.10	0.025	1	376557	07/16/25	07/17/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	376557	07/16/25	07/17/25	SBW
Potassium	1.5		mg/L	0.50	0.40	1	376557	07/16/25	07/17/25	SBW
Sodium	280		mg/L	0.60	0.35	1	376557	07/16/25	07/17/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Freon 12	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Chloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Bromomethane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
Chloroethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Acetone	ND		ug/L	100	8.8	1	377656	07/29/25	07/29/25	TCN
Freon 113	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Methylene Chloride	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
MTBE	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
2-Butanone	ND		ug/L	100	0.9	1	377656	07/29/25	07/29/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Chloroform	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromochloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN

Analysis Results for 537704

537704-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Trichloroethene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Dibromomethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377656	07/29/25	07/29/25	TCN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Chlorobenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Ethylbenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
m,p-Xylenes	ND		ug/L	10	0.1	1	377656	07/29/25	07/29/25	TCN
o-Xylene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Styrene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Bromoform	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Propylbenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Bromobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Naphthalene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Xylene (total)	ND		ug/L	5.0		1	377656	07/29/25	07/29/25	TCN
Surrogates			Limits							
Dibromofluoromethane	94%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane-d4	102%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Toluene-d8	97%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Bromofluorobenzene	96%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 537704

537704-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	376555	07/16/25	07/17/25	ZFA
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	92%		%REC	80-120		1	376555	07/16/25	07/17/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376582	07/16/25	07/16/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	5.3		mg/L	1.0	0.68	1	376801	07/18/25	07/19/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	230		mg/L	5.0	2.5	376950	07/17/25	07/17/25	07/17/25	WWC
Alkalinity, Total as CaCO3	230		mg/L	5.0	2.5	376950	07/17/25	07/17/25	07/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	980		mg/L	20		2	376956	07/21/25	07/23/25	RDL

Analysis Results for 537704

Sample ID: DW-31
Lab ID: 537704-005
Collected: 07/15/25 12:11
Matrix: Water

537704-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.25		mg/L	0.20	0.073	1	376526	07/16/25 14:10	07/16/25 19:42	BPH
Chloride	82		mg/L	1.0	0.27	1	376526	07/16/25 14:10	07/16/25 19:42	BPH
Bromide	0.51		mg/L	0.30	0.060	1	376526	07/16/25 14:10	07/16/25 19:42	BPH
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	376526	07/16/25 14:10	07/16/25 19:42	BPH
Sulfate	290		mg/L	10	1.8	10	376526	07/16/25 14:10	07/16/25 19:59	BPH
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	377198	07/23/25	07/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	16		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.46		mg/L	0.050	0.0055	1	376557	07/16/25	07/17/25	SBW
Calcium	140		mg/L	1.0	0.57	1	376557	07/16/25	07/17/25	SBW
Iron	0.16		mg/L	0.10	0.046	1	376557	07/16/25	07/17/25	SBW
Magnesium	26		mg/L	0.10	0.025	1	376557	07/16/25	07/17/25	SBW
Manganese	0.64		mg/L	0.010	0.0029	1	376557	07/16/25	07/17/25	SBW
Potassium	1.3		mg/L	0.50	0.40	1	376557	07/16/25	07/17/25	SBW
Sodium	110		mg/L	0.60	0.35	1	376557	07/16/25	07/17/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Freon 12	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Chloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Bromomethane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
Chloroethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Acetone	ND		ug/L	100	8.8	1	377656	07/29/25	07/29/25	TCN
Freon 113	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Methylene Chloride	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
MTBE	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
2-Butanone	ND		ug/L	100	0.9	1	377656	07/29/25	07/29/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Chloroform	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromochloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN

Analysis Results for 537704

537704-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Trichloroethene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Dibromomethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377656	07/29/25	07/29/25	TCN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Chlorobenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Ethylbenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
m,p-Xylenes	ND		ug/L	10	0.1	1	377656	07/29/25	07/29/25	TCN
o-Xylene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Styrene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Bromoform	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Propylbenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Bromobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Naphthalene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Xylene (total)	ND		ug/L	5.0		1	377656	07/29/25	07/29/25	TCN
Surrogates			Limits							
Dibromofluoromethane	93%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane-d4	101%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Toluene-d8	98%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Bromofluorobenzene	97%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 537704

537704-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	9.2		ug/L	1.0	0.95	1	376555	07/16/25	07/17/25	ZFA
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	104%		%REC	80-120		1	376555	07/16/25	07/17/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376582	07/16/25	07/16/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	14		mg/L	1.0	0.68	1	376801	07/18/25	07/19/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	360		mg/L	5.0	2.5	376950	07/17/25	07/17/25	07/17/25	WWC
Alkalinity, Total as CaCO3	360		mg/L	5.0	2.5	376950	07/17/25	07/17/25	07/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	980		mg/L	20		2	376956	07/21/25	07/23/25	RDL

Analysis Results for 537704

Sample ID: QCFB
Lab ID: 537704-006
Collected: 07/15/25 08:04
Matrix: Water

537704-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Freon 12	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Chloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Bromomethane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
Chloroethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Acetone	ND		ug/L	100	8.8	1	377656	07/29/25	07/29/25	TCN
Freon 113	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Methylene Chloride	0.3	J	ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
MTBE	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
2-Butanone	ND		ug/L	100	0.9	1	377656	07/29/25	07/29/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Chloroform	0.6	J	ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromochloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Benzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Trichloroethene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Dibromomethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377656	07/29/25	07/29/25	TCN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Chlorobenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Ethylbenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
m,p-Xylenes	ND		ug/L	10	0.1	1	377656	07/29/25	07/29/25	TCN
o-Xylene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Styrene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Bromoform	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN

Analysis Results for 537704

537704-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Propylbenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Bromobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Naphthalene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Xylene (total)	ND		ug/L	5.0		1	377656	07/29/25	07/29/25	TCN
Surrogates	Limits									
Dibromofluoromethane	94%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane-d4	100%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Toluene-d8	97%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Bromofluorobenzene	97%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN

Analysis Results for 537704

Sample ID: QCTB
Lab ID: 537704-007
Collected: 07/15/25
Matrix: Water

537704-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Freon 12	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Chloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Bromomethane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
Chloroethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Acetone	ND		ug/L	100	8.8	1	377656	07/29/25	07/29/25	TCN
Freon 113	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Methylene Chloride	0.3	J	ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
MTBE	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
2-Butanone	ND		ug/L	100	0.9	1	377656	07/29/25	07/29/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Chloroform	0.7	J	ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromochloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Benzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Trichloroethene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Dibromomethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377656	07/29/25	07/29/25	TCN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Chlorobenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Ethylbenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
m,p-Xylenes	ND		ug/L	10	0.1	1	377656	07/29/25	07/29/25	TCN
o-Xylene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Styrene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Bromoform	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN

Analysis Results for 537704

537704-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Propylbenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Bromobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Naphthalene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Xylene (total)	ND		ug/L	5.0		1	377656	07/29/25	07/29/25	TCN
Surrogates	Limits									
Dibromofluoromethane	92%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane-d4	101%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Toluene-d8	97%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Bromofluorobenzene	97%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN

B Contamination found in associated Method Blank
 J Estimated value
 ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1274785	Batch: 376526
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1274785 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	07/16/25 14:10	07/16/25 14:23
Chloride	ND		mg/L	1.0	0.27	07/16/25 14:10	07/16/25 14:23
Bromide	ND		mg/L	0.30	0.060	07/16/25 14:10	07/16/25 14:23
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	07/16/25 14:10	07/16/25 14:23
Sulfate	ND		mg/L	1.0	0.18	07/16/25 14:10	07/16/25 14:23

Type: Lab Control Sample	Lab ID: QC1274786	Batch: 376526
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1274786 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	10.04	10.00	mg/L	100%		90-110
Chloride	49.02	50.00	mg/L	98%		90-110
Bromide	15.36	15.00	mg/L	102%		90-110
Nitrogen, Nitrate	4.731	4.518	mg/L	105%		90-110
Sulfate	25.28	25.00	mg/L	101%		90-110

Type: Matrix Spike	Lab ID: QC1274787	Batch: 376526
Matrix (Source ID): Water (537655-001)	Method: EPA 300.0	Prep Method: METHOD

QC1274787 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	20.99	0.1089	20.00	mg/L	104%		80-129	1
Chloride	112.7	7.949	100.0	mg/L	105%		80-123	1
Bromide	15.32	ND	15.00	mg/L	102%		80-121	1
Nitrogen, Nitrate	9.959	0.4612	9.036	mg/L	105%		80-123	1
Sulfate	52.63	0.9923	50.00	mg/L	103%		79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1274788	Batch: 376526
Matrix (Source ID): Water (537655-001)	Method: EPA 300.0	Prep Method: METHOD

QC1274788 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	23.37	0.1089	20.00	mg/L	116%		80-129	11	21	1
Chloride	123.1	7.949	100.0	mg/L	115%		80-123	9	20	1
Bromide	16.81	ND	15.00	mg/L	112%		80-121	9	20	1
Nitrogen, Nitrate	10.91	0.4612	9.036	mg/L	116%		80-123	9	20	1
Sulfate	59.14	0.9923	50.00	mg/L	116%		79-124	12	20	1

Batch QC

Type: Matrix Spike	Lab ID: QC1274789	Batch: 376526
Matrix (Source ID): Water (537704-003)	Method: EPA 300.0	Prep Method: METHOD

QC1274789 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	21.82	0.8644	20.00	mg/L	105%		80-129	1
Chloride	159.0	56.38	100.0	mg/L	103%		80-123	1
Bromide	15.48	0.1474	15.00	mg/L	102%		80-121	1
Nitrogen, Nitrate	9.735	0.1242	9.036	mg/L	106%		80-123	1
Sulfate	163.8	119.8	50.00	mg/L	88%	E	79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1274790	Batch: 376526
Matrix (Source ID): Water (537704-003)	Method: EPA 300.0	Prep Method: METHOD

QC1274790 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	22.09	0.8644	20.00	mg/L	106%		80-129	1	21	1
Chloride	160.0	56.38	100.0	mg/L	104%		80-123	1	20	1
Bromide	15.66	0.1474	15.00	mg/L	103%		80-121	1	20	1
Nitrogen, Nitrate	9.833	0.1242	9.036	mg/L	107%		80-123	1	20	1
Sulfate	164.5	119.8	50.00	mg/L	89%	E	79-124		20	1

Type: Blank	Lab ID: QC1277109	Batch: 377198
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1277109 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	07/23/25	07/28/25

Type: Lab Control Sample	Lab ID: QC1277110	Batch: 377198
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1277110 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.046	1.000	mg/L	105%		90-110

Type: Matrix Spike	Lab ID: QC1277111	Batch: 377198
Matrix (Source ID): Water (537588-002)	Method: EPA 350.1	Prep Method: METHOD

QC1277111 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9352	ND	1.000	mg/L	94%		90-110	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1277112	Batch: 377198
Matrix (Source ID): Water (537588-002)	Method: EPA 350.1	Prep Method: METHOD

QC1277112 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9503	ND	1.000	mg/L	95%		90-110	2	20	1

Type: Matrix Spike	Lab ID: QC1277113	Batch: 377198
Matrix (Source ID): Water (537588-003)	Method: EPA 350.1	Prep Method: METHOD

QC1277113 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.028	ND	1.000	mg/L	103%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1277114	Batch: 377198
Matrix (Source ID): Water (537588-003)	Method: EPA 350.1	Prep Method: METHOD

QC1277114 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.069	ND	1.000	mg/L	107%		90-110	4	20	1

Type: Blank	Lab ID: QC1276657	Batch: 377063
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1276657 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	07/22/25	07/23/25

Type: Lab Control Sample	Lab ID: QC1276658	Batch: 377063
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1276658 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	91.00	100.0	mg/L	91%		90-110

Type: Matrix Spike	Lab ID: QC1276659	Batch: 377063
Matrix (Source ID): Water (537395-001)	Method: EPA 410.4	Prep Method: METHOD

QC1276659 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	86.00	ND	100.0	mg/L	86%		75-125	2

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1276660	Batch: 377063
Matrix (Source ID): Water (537395-001)	Method: EPA 410.4	Prep Method: METHOD

QC1276660 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	80.00	ND	100.0	mg/L	80%		75-125	7	20	2

Type: Matrix Spike	Lab ID: QC1276796	Batch: 377063
Matrix (Source ID): Water (537753-004)	Method: EPA 410.4	Prep Method: METHOD

QC1276796 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	74.00	ND	100.0	mg/L	74%	*	75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1276797	Batch: 377063
Matrix (Source ID): Water (537753-004)	Method: EPA 410.4	Prep Method: METHOD

QC1276797 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	74.00	ND	100.0	mg/L	74%	*	75-125	0	20	2

Type: Blank	Lab ID: QC1274879	Batch: 376557
Matrix: Filtrate	Method: EPA 6010B	Prep Method: EPA 3015A

QC1274879 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	07/16/25	07/17/25
Calcium	ND		mg/L	0.57	0.57	07/16/25	07/17/25
Iron	ND		mg/L	0.046	0.046	07/16/25	07/17/25
Magnesium	0.058	J	mg/L	0.10	0.025	07/16/25	07/17/25
Manganese	0.014		mg/L	0.010	0.0029	07/16/25	07/17/25
Potassium	ND		mg/L	0.50	0.40	07/16/25	07/17/25
Sodium	0.84		mg/L	0.50	0.35	07/16/25	07/17/25

Type: Lab Control Sample	Lab ID: QC1274880	Batch: 376557
Matrix: Filtrate	Method: EPA 6010B	Prep Method: EPA 3015A

QC1274880 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3564	0.4000	mg/L	89%		80-120
Calcium	17.88	20.40	mg/L	88%		80-120
Iron	0.3649	0.4000	mg/L	91%		80-120
Magnesium	18.05	20.40	mg/L	88%		80-120
Manganese	0.3740	0.4000	mg/L	94%		80-120
Potassium	21.00	24.00	mg/L	88%		80-120
Sodium	18.62	20.40	mg/L	91%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1274881	Batch: 376557
Matrix (Source ID): Water (537588-004)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1274881 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.5617	0.1992	0.4000	mg/L	91%		75-125	1
Calcium	52.66	35.29	20.40	mg/L	85%		75-125	1
Iron	0.7057	0.3429	0.4000	mg/L	91%		75-125	1
Magnesium	23.48	5.534	20.40	mg/L	88%		75-125	1
Manganese	0.3971	0.03385	0.4000	mg/L	91%		75-125	1
Potassium	23.39	1.541	24.00	mg/L	91%		75-125	1
Sodium	203.8	188.0	20.40	mg/L	78%	NM	75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1274882	Batch: 376557
Matrix (Source ID): Water (537588-004)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1274882 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.5587	0.1992	0.4000	mg/L	90%		75-125	1	20	1
Calcium	52.62	35.29	20.40	mg/L	85%		75-125	0	20	1
Iron	0.7032	0.3429	0.4000	mg/L	90%		75-125	0	22	1
Magnesium	23.40	5.534	20.40	mg/L	88%		75-125	0	20	1
Manganese	0.3942	0.03385	0.4000	mg/L	90%		75-125	1	20	1
Potassium	23.32	1.541	24.00	mg/L	91%		75-125	0	20	1
Sodium	204.2	188.0	20.40	mg/L	79%	NM	75-125	0	20	1

Type: Lab Control Sample	Lab ID: QC1278721	Batch: 377656
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1278721 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	50.04	50.00	ug/L	100%		69-128
MTBE	57.12	50.00	ug/L	114%		66-125
Benzene	52.94	50.00	ug/L	106%		76-121
Trichloroethene	47.76	50.00	ug/L	96%		76-124
Toluene	50.55	50.00	ug/L	101%		76-120
Chlorobenzene	49.90	50.00	ug/L	100%		78-120
Surrogates						
Dibromofluoromethane	44.53	50.00	ug/L	89%		70-130
1,2-Dichloroethane-d4	47.27	50.00	ug/L	95%		70-130
Toluene-d8	49.06	50.00	ug/L	98%		70-130
Bromofluorobenzene	49.57	50.00	ug/L	99%		70-130

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1278722	Batch: 377656
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1278722 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	46.27	50.00	ug/L	93%		69-128	8	23
MTBE	53.63	50.00	ug/L	107%		66-125	6	22
Benzene	50.44	50.00	ug/L	101%		76-121	5	21
Trichloroethene	44.72	50.00	ug/L	89%		76-124	7	22
Toluene	47.36	50.00	ug/L	95%		76-120	7	21
Chlorobenzene	46.63	50.00	ug/L	93%		78-120	7	20
Surrogates								
Dibromofluoromethane	44.76	50.00	ug/L	90%		70-130		
1,2-Dichloroethane-d4	47.31	50.00	ug/L	95%		70-130		
Toluene-d8	49.28	50.00	ug/L	99%		70-130		
Bromofluorobenzene	49.57	50.00	ug/L	99%		70-130		

Batch QC

Type: Blank	Lab ID: QC1278725	Batch: 377656
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1278725 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.2	07/29/25	07/29/25
Freon 12	ND		ug/L	5.0	0.2	07/29/25	07/29/25
Chloromethane	ND		ug/L	5.0	0.1	07/29/25	07/29/25
Vinyl Chloride	ND		ug/L	5.0	0.1	07/29/25	07/29/25
Bromomethane	ND		ug/L	5.0	0.3	07/29/25	07/29/25
Chloroethane	ND		ug/L	5.0	0.05	07/29/25	07/29/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	07/29/25	07/29/25
Acetone	ND		ug/L	100	8.8	07/29/25	07/29/25
Freon 113	ND		ug/L	5.0	0.1	07/29/25	07/29/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	07/29/25	07/29/25
Methylene Chloride	ND		ug/L	5.0	0.2	07/29/25	07/29/25
MTBE	ND		ug/L	5.0	0.1	07/29/25	07/29/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	07/29/25	07/29/25
1,1-Dichloroethane	ND		ug/L	5.0	0.07	07/29/25	07/29/25
2-Butanone	1.4	J	ug/L	100	0.9	07/29/25	07/29/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	07/29/25	07/29/25
2,2-Dichloropropane	ND		ug/L	5.0	0.09	07/29/25	07/29/25
Chloroform	ND		ug/L	5.0	0.07	07/29/25	07/29/25
Bromochloromethane	ND		ug/L	5.0	0.1	07/29/25	07/29/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	07/29/25	07/29/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	07/29/25	07/29/25
Carbon Tetrachloride	ND		ug/L	5.0	0.07	07/29/25	07/29/25
1,2-Dichloroethane	ND		ug/L	5.0	0.09	07/29/25	07/29/25
Benzene	ND		ug/L	5.0	0.07	07/29/25	07/29/25
Trichloroethene	ND		ug/L	5.0	0.05	07/29/25	07/29/25
1,2-Dichloropropane	ND		ug/L	5.0	0.07	07/29/25	07/29/25
Bromodichloromethane	ND		ug/L	5.0	0.05	07/29/25	07/29/25
Dibromomethane	ND		ug/L	5.0	0.1	07/29/25	07/29/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	07/29/25	07/29/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	07/29/25	07/29/25
Toluene	ND		ug/L	5.0	0.05	07/29/25	07/29/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	07/29/25	07/29/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	07/29/25	07/29/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	07/29/25	07/29/25
Tetrachloroethene	ND		ug/L	5.0	0.09	07/29/25	07/29/25
Dibromochloromethane	ND		ug/L	5.0	0.07	07/29/25	07/29/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	07/29/25	07/29/25
Chlorobenzene	ND		ug/L	5.0	0.05	07/29/25	07/29/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	07/29/25	07/29/25
Ethylbenzene	ND		ug/L	5.0	0.04	07/29/25	07/29/25
m,p-Xylenes	ND		ug/L	10	0.1	07/29/25	07/29/25
o-Xylene	ND		ug/L	5.0	0.06	07/29/25	07/29/25
Styrene	ND		ug/L	5.0	0.06	07/29/25	07/29/25
Bromoform	ND		ug/L	5.0	0.08	07/29/25	07/29/25
Isopropylbenzene	ND		ug/L	5.0	0.06	07/29/25	07/29/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	07/29/25	07/29/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	07/29/25	07/29/25

Batch QC

QC1278725 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.05	07/29/25	07/29/25
Bromobenzene	ND		ug/L	5.0	0.06	07/29/25	07/29/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	07/29/25	07/29/25
2-Chlorotoluene	ND		ug/L	5.0	0.07	07/29/25	07/29/25
4-Chlorotoluene	ND		ug/L	5.0	0.08	07/29/25	07/29/25
tert-Butylbenzene	ND		ug/L	5.0	0.07	07/29/25	07/29/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	07/29/25	07/29/25
sec-Butylbenzene	ND		ug/L	5.0	0.06	07/29/25	07/29/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	07/29/25	07/29/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	07/29/25	07/29/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	07/29/25	07/29/25
n-Butylbenzene	ND		ug/L	5.0	0.08	07/29/25	07/29/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	07/29/25	07/29/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	07/29/25	07/29/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	07/29/25	07/29/25
Hexachlorobutadiene	ND		ug/L	5.0	0.06	07/29/25	07/29/25
Naphthalene	ND		ug/L	5.0	0.3	07/29/25	07/29/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	07/29/25	07/29/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	07/29/25	07/29/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	07/29/25	07/29/25
Xylene (total)	ND		ug/L	5.0		07/29/25	07/29/25
Surrogates				Limits			
Dibromofluoromethane	95%		%REC	70-130		07/29/25	07/29/25
1,2-Dichloroethane-d4	102%		%REC	70-130		07/29/25	07/29/25
Toluene-d8	97%		%REC	70-130		07/29/25	07/29/25
Bromofluorobenzene	97%		%REC	70-130		07/29/25	07/29/25

Type: Matrix Spike	Lab ID: QC1278846	Batch: 377656
Matrix (Source ID): Water (537704-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1278846 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	16.71	ND	20.00	ug/L	84%		62-131	1
MTBE	18.50	ND	20.00	ug/L	92%		61-124	1
Benzene	18.07	ND	20.00	ug/L	90%		70-123	1
Trichloroethene	17.04	ND	20.00	ug/L	85%		65-131	1
Toluene	17.44	ND	20.00	ug/L	87%		69-120	1
Chlorobenzene	17.65	ND	20.00	ug/L	88%		72-121	1
Surrogates								
Dibromofluoromethane	45.51		50.00	ug/L	91%		70-130	1
1,2-Dichloroethane-d4	47.78		50.00	ug/L	96%		70-130	1
Toluene-d8	49.09		50.00	ug/L	98%		70-130	1
Bromofluorobenzene	48.71		50.00	ug/L	97%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1278847	Batch: 377656
Matrix (Source ID): Water (537704-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1278847 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	15.99	ND	20.00	ug/L	80%		62-131	4	31	1
MTBE	17.62	ND	20.00	ug/L	88%		61-124	5	30	1
Benzene	17.02	ND	20.00	ug/L	85%		70-123	6	31	1
Trichloroethene	15.54	ND	20.00	ug/L	78%		65-131	9	31	1
Toluene	15.87	ND	20.00	ug/L	79%		69-120	9	29	1
Chlorobenzene	16.10	ND	20.00	ug/L	80%		72-121	9	29	1
Surrogates										
Dibromofluoromethane	45.39		50.00	ug/L	91%		70-130			1
1,2-Dichloroethane-d4	48.37		50.00	ug/L	97%		70-130			1
Toluene-d8	48.74		50.00	ug/L	97%		70-130			1
Bromofluorobenzene	48.96		50.00	ug/L	98%		70-130			1

Type: Blank	Lab ID: QC1274864	Batch: 376555
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1274864 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.95	07/16/25	07/17/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	102%		%REC	80-120		07/16/25	07/17/25

Type: Lab Control Sample	Lab ID: QC1274866	Batch: 376555
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1274866 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	11.56	10.00	ug/L	116%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.51	10.00	ug/L	105%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1274867	Batch: 376555
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1274867 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	9.914	10.00	ug/L	99%		79-120	15	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.09	10.00	ug/L	101%		80-120		

Type: Blank	Lab ID: QC1274974	Batch: 376582
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1274974 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		07/16/25	07/16/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1274975	Batch: 376582
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1274975 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1274976	Batch: 376582
Matrix (Source ID): Water (537704-005)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1274976 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1274977	Batch: 376582
Matrix (Source ID): Water (537704-005)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1274977 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	0	20	1

Type: Blank	Lab ID: QC1275692	Batch: 376801
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1275692 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.68	07/18/25	07/18/25

Type: Lab Control Sample	Lab ID: QC1275693	Batch: 376801
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1275693 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	24.30	25.00	mg/L	97%		85-115

Type: Matrix Spike	Lab ID: QC1275694	Batch: 376801
Matrix (Source ID): Water (537668-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1275694 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	90.21	68.59	25.00	mg/L	86%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1275695	Batch: 376801
Matrix (Source ID): Water (537668-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1275695 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Total Organic Carbon	91.44	68.59	25.00	mg/L	91%		75-125	1	25	1

Batch QC

Type: Blank	Lab ID: QC1276264	Batch: 376950
Matrix: Drinking Water	Method: SM2320B	Prep Method: METHOD

QC1276264 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		07/17/25	07/17/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		07/17/25	07/17/25

Type: Lab Control Sample	Lab ID: QC1276265	Batch: 376950
Matrix: Drinking Water	Method: SM2320B	Prep Method: METHOD

QC1276265 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	920.0	1000	mg/L	92%		90-110

Type: Sample Duplicate	Lab ID: QC1276266	Batch: 376950
Matrix (Source ID): Water (537932-001)	Method: SM2320B	Prep Method: METHOD

QC1276266 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	35.11	33.67	mg/L		4	20	1
Alkalinity, Total as CaCO ₃	35.11	33.67	mg/L		4	20	1

Type: Blank	Lab ID: QC1276277	Batch: 376956
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1276277 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	10		07/21/25	07/23/25

Type: Lab Control Sample	Lab ID: QC1276278	Batch: 376956
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1276278 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	991.0	1000	mg/L	99%		90-110

Type: Sample Duplicate	Lab ID: QC1276279	Batch: 376956
Matrix (Source ID): Water (537704-001)	Method: SM2540C	Prep Method: METHOD

QC1276279 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	972.0	944.0	mg/L		3	5	2

Type: Sample Duplicate	Lab ID: QC1276280	Batch: 376956
Matrix (Source ID): Water (537900-002)	Method: SM2540C	Prep Method: METHOD

QC1276280 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	2,944	2930	mg/L		0	5	2

Batch QC

* Value is outside QC limits
E Response exceeds instrument's linear range
J Estimated value
ND Not Detected
NM Not Meaningful

Laboratory Job Number 537704

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2507B44

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-537704

Project Location:

Project Received: 07/17/2025

Analytical Report reviewed & approved for release on 07/22/2025 by:

Jena Alfaro

Project Manager

McC Campbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.



Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2507B44

Project: EO-537704

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit ¹
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit ²
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

¹ MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

² RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.



Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2507B44

Project: EO-537704

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	"Too Numerous to Count," greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Analytical Report

Client: Enthalpy Analytical
Date Received: 07/17/2025 9:23
Date Prepared: 07/22/2025
Project: EO-537704

WorkOrder: 2507B44
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-12	2507B44-001A	Water	07/15/2025 08:02	GC26 0722250904.D	321973

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	1400	50	50	1	07/22/2025 11:21

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-7	2507B44-002A	Water	07/15/2025 09:03	GC26 0722250905.D	321973

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	580	50	50	1	07/22/2025 11:34

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-21	2507B44-003A	Water	07/15/2025 09:57	GC26 0722250906.D	321973

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	340	50	50	1	07/22/2025 11:52

Analyst(s): CLO

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 07/17/2025 9:23
Date Prepared: 07/22/2025
Project: EO-537704

WorkOrder: 2507B44
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-18	2507B44-004A	Water	07/15/2025 11:05	GC26 0722250908.D	321973

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	3800	200	200	4	07/22/2025 13:32

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-31	2507B44-005A	Water	07/15/2025 12:11	GC26 0722250910.D	321973

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	38,000	2000	2000	40	07/22/2025 14:03

Analyst(s): CLO



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 07/22/2025
Date Analyzed: 07/22/2025
Instrument: GC26
Matrix: Water
Project: EO-537704

WorkOrder: 2507B44
BatchID: 321973
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-321973

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	140	140	187.2	74	73	70-130	1.45	30

McCampbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

☐ WaterTrax ☐ CLIP ☐ EDF

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2507B44

ClientCode: ENO

QuoteID: 252619

☐ EQuIS ☐ Dry-Weight ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag
☐ Detection Summary ☒ Excel [A1_Standard_QC]

Report to:

Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 079649
Project: EO-537704

Bill to:

Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: 3 days;

Date Received: 07/17/2025

Date Logged: 07/18/2025

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2507B44-001	DW-12	Water	7/15/2025 08:02	☐	A	A										
2507B44-002	DW-7	Water	7/15/2025 09:03	☐	A	A										
2507B44-003	DW-21	Water	7/15/2025 09:57	☐	A	A										
2507B44-004	DW-18	Water	7/15/2025 11:05	☐	A	A										
2507B44-005	DW-31	Water	7/15/2025 12:11	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Agustina Venegas

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL

Project: EO-537704

Work Order: 2507B44

Client Contact: Zach Barker

QC Level: LEVEL 2

Contact's Email: zach.barker@enthalpy.com

Comments:

Date Logged: 7/18/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☒ Excel ☐ EQUIS ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-12	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	7/15/2025 8:02	3 days	7/22/2025	None	☐	☐
002A	DW-7	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	7/15/2025 9:03	3 days	7/22/2025	None	☐	☐
003A	DW-21	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	7/15/2025 9:57	3 days	7/22/2025	None	☐	☐
004A	DW-18	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	7/15/2025 11:05	3 days	7/22/2025	None	☐	☐
005A	DW-31	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	7/15/2025 12:11	3 days	7/22/2025	Present	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U** = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.

HOLD TIME RUSH

2507B44



931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:

McC Campbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-537704

PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel
EDD

Notes:

Chiquita Canyon Landfill

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
✓ DW-12	15-JUL-2025 08:02	537704-001	3 ✓	Water	RSK-175 CO2	
✓ DW-7	15-JUL-2025 09:03	537704-002	3 ✓	Water	RSK-175 CO2	
✓ DW-21	15-JUL-2025 09:57	537704-003	3 ✓	Water	RSK-175 CO2	
✓ DW-18	15-JUL-2025 11:05	537704-004	3 ✓	Water	RSK-175 CO2	
+ DW-31	15-JUL-2025 12:11	537704-005	3 ✓	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	Date: 7-16-25 14:47	Date: 7/17/25 0923
	Date:	Date:
	Date:	Date:



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-537704

Date and Time Received: 7/17/2025 09:23
Date Logged: 7/18/2025
Received by: Agustina Venegas
Logged by: Agustina Venegas

WorkOrder No: 2507B44 Matrix: Water
Carrier: FedEx

Chain of Custody (COC) Information

Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Sample IDs noted by Client on COC?	Yes ☒	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☒	No ☐	
Sampler's name noted on COC?	Yes ☐	No ☒	
COC agrees with Quote?	Yes ☒	No ☐	NA ☐
COC quote NOT expired?	Yes ☒	No ☐	NA ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	NA ☒
Shipping container/cooler in good condition?	Yes ☒	No ☐	
Samples in proper containers/bottles?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☒	No ☐	NA ☐
Samples Received on Ice?	Yes ☒	No ☐	

(Ice Type: WET ICE)

Sample/Temp Blank temperature	Temp: 0.1°C	NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☒ No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☒ No ☐	
pH acceptable upon receipt (Metal: <2)?	Yes ☐ No ☐	NA ☒

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐ No ☐	NA ☒
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes ☐ No ☐	NA ☒

Comments:



Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 537753
Report Level : II
Report Date : 07/31/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill

Authorized for release by:

Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197



Sample Summary

Steve Cassulo	Lab Job #:	537753
Waste Connections	Project No:	GW MONITORING
Chiquita Canyon Landfill	Location:	Chiquita Canyon Landfill
29201 Henry Mayo	Date Received:	07/16/25
Drive		
Castaic, CA 91384		

Sample ID	Lab ID	Collected	Matrix
DW-15	537753-001	07/16/25 08:12	Water
DW-1	537753-002	07/16/25 09:08	Water
DW-16	537753-003	07/16/25 10:11	Water
DW-3	537753-004	07/16/25 11:18	Water
QCFB	537753-005	07/16/25 08:15	Water
QCTB	537753-006	07/16/25 08:15	Water

Case Narrative

Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384
Steve Cassulo

Lab Job Number: 537753
Project No: GW MONITORING
Location: Chiquita Canyon
Landfill
Date Received: 07/16/25

This data package contains sample and QC results for six water samples, requested for the above referenced project on 07/17/25. The samples were received cold and intact.

Volatile Organics by GC/MS (EPA 8260B):

No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):

No analytical problems were encountered.

Metals (EPA 6010B):

No analytical problems were encountered.

Ion Chromatography (EPA 300.0):

No analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):

No analytical problems were encountered.

Alkalinity (SM2320B):

No analytical problems were encountered.

Sulfide (SM 4500-S2-D):

No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):

No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):

- Low recoveries were observed for chemical oxygen demand in the MS/MSD of DW-3 (lab # 537753-004); the LCS was within limits.
- No other analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):

No analytical problems were encountered.

RSK-175 CO2 (RSK-175):

McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.



Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868
(714) 771-6900

Chain of Custody Record

Lab No: **537753**
Page: **1** of **1**

Matrix: A = Air S = Soil/Solid
W = Water DW = Drinking Water SD = Sediment
PP = Pure Product SEA = Sea Water
SW = Swab T = Tissue WP = Wipe O = Other

Turn Around Time (rush by advanced notice only)

Standard: X 5 Day: 3 Day:
1 Day: Custom TAT:

Preservatives:
1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
4 = H₂SO₄ 5 = NaOH 6 = Other
Sample Receipt Temp:
(lab use only)

PROJECT INFORMATION

Company: Chiquita Canyon Landfill
Report To: Steve Cassulo
Email: Steven.Cassulo@wasteconnections.com
Address: 29201 Henry Mayo Drive
Castaic, CA, 91384
Phone: 661-257-3655
Fax:
Name: Steve Cassulo
Number: 661-257-3655
P.O. #:
Address:
Global ID: L10003464243
Sampled By: Paul Chang

Analysis Req

Barcode: Login 537753
QR Code
cc report to:
pchang@changenvironmental.com Basic
EDD & GeoTracker EDF

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	VOCs (EPA 8260B)	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO3	Ammonia-N, Nitrate-N	COD, Cl, SO4, TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide
DW-15	7/16/25	812	W	13	var.	X	X	X	X	X	X	X	X	X
DW-1		908				X	X	X	X	X	X	X	X	X
DW-16		1011				X	X	X	X	X	X	X	X	X
DW-3		1118				X	X	X	X	X	X	X	X	X
QCFB		815		3		X	X	X	X	X	X	X	X	X
QCTB				2		X	X	X	X	X	X	X	X	X

Signature	Print Name	Company / Title	Date / Time
	Steve Cassulo	CEI	7/16/25 12:36
	Alice Tahmasian	EA/NAH	7/16/25 12:36
	Alice Tahmasian	EA/NAH	7/17/25 9:12
	Gemma O.	EA/NAH	7/17/25 9:12
	Gemma O.	EA/NAH	7/17/25 12:00
	Steve Cassulo	CEI	7/17/25 13:00

Rec: 7-17-25 15:00

7-17-25 15:00

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 7/16/25 WO# 537753 Client: Chiquita Canyon Landfill

Section 2: Shipping / Custody

Are custody seals present? ☐ Yes ☒ No

Custody seals intact on arrival? ☐ N/A ☒ Yes ☐ No ☐ On cooler / box ☐ On samples

Shipping Info: walk-in

Section 3a: Condition / Packaging

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 7/16/25 By (initials) AXT Type of ice used: ☐ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): / Thermometer/IR Gun: 1R03 CF: 0.7

Cooler Temp (°C) #1: 10.5/9.8 #2: #3: #4: #5: #6:

Section 3b: Microbiology Samples

☒ No microbiology samples submitted (skip 3b)

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples

☒ No air samples submitted (skip 3c)

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other

Section 4: Containers / Labels / Samples

	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	X		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?		X	
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

Section 5: Explanations / Comments

☐ PM notified

Date Logged By (print) (sign)
 Date Labeled By (print) (sign)

ENTHALPY

Date Received: 7/17/25 WO# 537753 Client: Chiquita Canyon Landfill

Are custody seals present? ☐ Yes ☒ No

Custody seals intact on arrival? ☒ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

☒ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info:

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 7/17/25 By (initials) NIG Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR 13 CF: +0.0

Cooler Temp (°C) #1: 4.5 / 4.5 #2: 4.4 / 4.4 #3: / #4: / #5: / #6: /

☐ No microbiology samples submitted (skip 3b)☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

☐ No air samples submitted (skip 3c)☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other

YES	NO	N/A
-----	----	-----

1) Were custody papers present, filled properly, and legible?

2) Is the sampler's name present on the CoC?

3) Were containers received in good condition (unbroken / unopened / uncompromised)?

4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)

5) Were all of, and only, the correct samples received?

6) Are sample labels present, legible, and in agreement with the CoC?

7) Does the container count match the CoC?

8) Was sufficient sample volume / mass received for the analyses requested?

9) Were samples received in proper containers for the analyses requested?

10) Were samples received with > 1/2 holding time remaining?

11) Are samples properly preserved as indicated by CoC / labels?

12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?

13) Are VOA vials free from headspace/bubbles > 6mm?

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

[illegible]☐ No additional discrepancies

Date Logged 7/16/25 By (print) AXT (sign) _____

Date Labeled 7/16/25 **By (print)** EA - LA

Analysis Results for 537753

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 537753
Project No: GW MONITORING
Location: Chiquita Canyon Landfill
Date Received: 07/16/25

Sample ID: DW-15

Lab ID: 537753-001

Collected: 07/16/25 08:12

Matrix: Water

537753-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	ND		mg/L	0.20	0.073	1	376695	07/17/25 18:45	07/17/25 21:39	SSN
Chloride	76		mg/L	1.0	0.27	1	376695	07/17/25 18:45	07/17/25 21:39	SSN
Bromide	0.15	J	mg/L	0.30	0.060	1	376695	07/17/25 18:45	07/17/25 21:39	SSN
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	376695	07/17/25 18:45	07/17/25 21:39	SSN
Sulfate	1,500		mg/L	20	3.7	20	376695	07/17/25 18:45	07/17/25 22:13	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	0.15		mg/L	0.10	0.050	1	377198	07/23/25	07/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.23		mg/L	0.050	0.0062	1	376711	07/17/25	07/18/25	SBW
Calcium	240		mg/L	1.0	0.57	1	376711	07/17/25	07/18/25	SBW
Iron	0.91		mg/L	0.10	0.041	1	376711	07/17/25	07/18/25	SBW
Magnesium	35		mg/L	0.10	0.025	1	376711	07/17/25	07/18/25	SBW
Manganese	0.61		mg/L	0.010	0.0029	1	376711	07/17/25	07/18/25	SBW
Potassium	2.9		mg/L	0.50	0.42	1	376711	07/17/25	07/18/25	SBW
Sodium	410		mg/L	0.50	0.34	1	376711	07/17/25	07/18/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Acetone	ND		ug/L	100	8.8	1	377784	07/30/25	07/30/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Methylene Chloride	0.2	J	ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	377784	07/30/25	07/30/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Chloroform	0.09	J	ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST

Analysis Results for 537753

537753-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Benzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377784	07/30/25	07/30/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377784	07/30/25	07/30/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	377784	07/30/25	07/30/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	377784	07/30/25	07/30/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,4-Dichlorobenzene	0.2	J	ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377784	07/30/25	07/30/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Xylene (total)	ND		ug/L	5.0		1	377784	07/30/25	07/30/25	ZST
Surrogates			Limits							
Dibromofluoromethane	93%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST

Analysis Results for 537753

537753-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	101%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
Toluene-d8	97%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.95	1	376859	07/19/25	07/21/25	ZFA
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	103%		%REC	80-120		1	376859	07/19/25	07/21/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376814	07/18/25	07/18/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	1.4		mg/L	1.0	0.68	1	377045	07/22/25	07/22/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	200		mg/L	5.0		2.5	376952	07/21/25	07/21/25	WWC
Alkalinity, Total as CaCO3	200		mg/L	5.0		2.5	376952	07/21/25	07/21/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	2,500		mg/L	20		2	377061	07/22/25	07/23/25	RDL

Analysis Results for 537753

Sample ID: DW-1

Lab ID: 537753-002

Collected: 07/16/25 09:08

Matrix: Water

537753-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.85		mg/L	0.20	0.073	1	376695	07/17/25 18:45	07/17/25 22:30	SSN
Chloride	110		mg/L	1.0	0.27	1	376695	07/17/25 18:45	07/17/25 22:30	SSN
Bromide	0.26	J	mg/L	0.30	0.060	1	376695	07/17/25 18:45	07/17/25 22:30	SSN
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	376695	07/17/25 18:45	07/17/25 22:30	SSN
Sulfate	360		mg/L	10	1.8	10	376695	07/17/25 18:45	07/18/25 09:36	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	377198	07/23/25	07/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.22		mg/L	0.050	0.0062	1	376711	07/17/25	07/18/25	SBW
Calcium	57		mg/L	1.0	0.57	1	376711	07/17/25	07/18/25	SBW
Iron	ND		mg/L	0.10	0.041	1	376711	07/17/25	07/18/25	SBW
Magnesium	11		mg/L	0.10	0.025	1	376711	07/17/25	07/18/25	SBW
Manganese	0.047		mg/L	0.010	0.0029	1	376711	07/17/25	07/18/25	SBW
Potassium	2.5		mg/L	0.50	0.42	1	376711	07/17/25	07/18/25	SBW
Sodium	220		mg/L	0.50	0.34	1	376711	07/17/25	07/18/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Acetone	ND		ug/L	100	8.8	1	377784	07/30/25	07/30/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloroethane	0.09	J	ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	377784	07/30/25	07/30/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST

Analysis Results for 537753

537753-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377784	07/30/25	07/30/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377784	07/30/25	07/30/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Tetrachloroethene	0.2	J	ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	377784	07/30/25	07/30/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	377784	07/30/25	07/30/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377784	07/30/25	07/30/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Xylene (total)	ND		ug/L	5.0		1	377784	07/30/25	07/30/25	ZST
Surrogates			Limits							
Dibromofluoromethane	94%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
1,2-Dichloroethane-d4	101%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
Toluene-d8	97%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 537753

537753-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	376859	07/19/25	07/21/25	ZFA
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	106%		%REC	80-120		1	376859	07/19/25	07/21/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376814	07/18/25	07/18/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	2.0		mg/L	1.0	0.68	1	377045	07/22/25	07/22/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	190		mg/L	5.0		2.5	376952	07/21/25	07/21/25	WWC
Alkalinity, Total as CaCO3	190		mg/L	5.0		2.5	376952	07/21/25	07/21/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	910		mg/L	20		2	377061	07/22/25	07/23/25	RDL

Analysis Results for 537753

Sample ID: DW-16
Lab ID: 537753-003
Collected: 07/16/25 10:11
Matrix: Water

537753-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.44		mg/L	0.20	0.073	1	376695	07/17/25 18:45	07/18/25 09:53	SSN
Chloride	110		mg/L	1.0	0.27	1	376695	07/17/25 18:45	07/18/25 09:53	SSN
Bromide	0.22	J	mg/L	0.30	0.060	1	376695	07/17/25 18:45	07/18/25 09:53	SSN
Nitrogen, Nitrate	2.3		mg/L	0.10	0.05	1	376695	07/17/25 18:45	07/18/25 09:53	SSN
Sulfate	190		mg/L	10	1.8	10	376695	07/17/25 18:45	07/18/25 10:10	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	377198	07/23/25	07/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.13		mg/L	0.050	0.0062	1	376711	07/17/25	07/18/25	SBW
Calcium	6.9		mg/L	1.0	0.57	1	376711	07/17/25	07/18/25	SBW
Iron	ND		mg/L	0.10	0.041	1	376711	07/17/25	07/18/25	SBW
Magnesium	0.39		mg/L	0.10	0.025	1	376711	07/17/25	07/18/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	376711	07/17/25	07/18/25	SBW
Potassium	0.92		mg/L	0.50	0.42	1	376711	07/17/25	07/18/25	SBW
Sodium	240		mg/L	0.50	0.34	1	376711	07/17/25	07/18/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Trichlorofluoromethane	0.08	J	ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Acetone	ND		ug/L	100	8.8	1	377784	07/30/25	07/30/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Methylene Chloride	0.5	J	ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloroethane	1.1	J	ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	377784	07/30/25	07/30/25	ZST
cis-1,2-Dichloroethene	0.6	J	ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Chloroform	0.07	J	ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST

Analysis Results for 537753

537753-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	0.2	J	ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Trichloroethene	0.6	J	ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377784	07/30/25	07/30/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377784	07/30/25	07/30/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Tetrachloroethene	0.6	J	ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	377784	07/30/25	07/30/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	377784	07/30/25	07/30/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,4-Dichlorobenzene	0.2	J	ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377784	07/30/25	07/30/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Xylene (total)	ND		ug/L	5.0		1	377784	07/30/25	07/30/25	ZST
Surrogates				Limits						
Dibromofluoromethane	95%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
1,2-Dichloroethane-d4	102%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
Toluene-d8	97%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 537753

537753-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	376859	07/19/25	07/21/25	ZFA
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	102%		%REC	80-120		1	376859	07/19/25	07/21/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376814	07/18/25	07/18/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	1.3		mg/L	1.0	0.68	1	377045	07/22/25	07/22/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	220		mg/L	5.0		2.5	376952	07/21/25	07/21/25	WWC
Alkalinity, Total as CaCO3	240		mg/L	5.0		2.5	376952	07/21/25	07/21/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	750		mg/L	20		2	377061	07/22/25	07/23/25	RDL

Analysis Results for 537753

Sample ID: DW-3
Lab ID: 537753-004
Collected: 07/16/25 11:18
Matrix: Water

537753-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.72		mg/L	0.20	0.073	1	376695	07/17/25 18:45	07/18/25 10:27	SSN
Chloride	59		mg/L	1.0	0.27	1	376695	07/17/25 18:45	07/18/25 10:27	SSN
Bromide	0.15	J	mg/L	0.30	0.060	1	376695	07/17/25 18:45	07/18/25 10:27	SSN
Nitrogen, Nitrate	2.2		mg/L	0.10	0.05	1	376695	07/17/25 18:45	07/18/25 10:27	SSN
Sulfate	100		mg/L	10	1.8	10	376695	07/17/25 18:45	07/18/25 10:43	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	377198	07/23/25	07/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.27		mg/L	0.050	0.0062	1	376711	07/17/25	07/18/25	SBW
Calcium	34		mg/L	1.0	0.57	1	376711	07/17/25	07/18/25	SBW
Iron	ND		mg/L	0.10	0.041	1	376711	07/17/25	07/18/25	SBW
Magnesium	4.2		mg/L	0.10	0.025	1	376711	07/17/25	07/18/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	376711	07/17/25	07/18/25	SBW
Potassium	1.7		mg/L	0.50	0.42	1	376711	07/17/25	07/18/25	SBW
Sodium	120		mg/L	0.50	0.34	1	376711	07/17/25	07/18/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Freon 12	2.7	J	ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Trichlorofluoromethane	0.09	J	ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Acetone	ND		ug/L	100	8.8	1	377784	07/30/25	07/30/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloroethane	0.2	J	ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	377784	07/30/25	07/30/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST

Analysis Results for 537753

537753-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Trichloroethene	0.06	J	ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377784	07/30/25	07/30/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377784	07/30/25	07/30/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Tetrachloroethene	0.6	J	ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	377784	07/30/25	07/30/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	377784	07/30/25	07/30/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377784	07/30/25	07/30/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Xylene (total)	ND		ug/L	5.0		1	377784	07/30/25	07/30/25	ZST
Surrogates			Limits							
Dibromofluoromethane	95%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
1,2-Dichloroethane-d4	101%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
Toluene-d8	96%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 537753

537753-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	376859	07/19/25	07/21/25	ZFA
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	102%		%REC	80-120		1	376859	07/19/25	07/21/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376814	07/18/25	07/18/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	377045	07/22/25	07/22/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	180		mg/L	5.0		2.5	376952	07/21/25	07/21/25	WWC
Alkalinity, Total as CaCO3	180		mg/L	5.0		2.5	376952	07/21/25	07/21/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	470		mg/L	20		2	377061	07/22/25	07/23/25	RDL

Analysis Results for 537753

Sample ID: QCFB
Lab ID: 537753-005
Collected: 07/16/25 08:15
Matrix: Water

537753-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Acetone	ND		ug/L	100	8.8	1	377784	07/30/25	07/30/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Methylene Chloride	0.3	J	ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	377784	07/30/25	07/30/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Chloroform	0.6	J	ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Benzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377784	07/30/25	07/30/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377784	07/30/25	07/30/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	377784	07/30/25	07/30/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	377784	07/30/25	07/30/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST

Analysis Results for 537753

537753-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377784	07/30/25	07/30/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Xylene (total)	ND		ug/L	5.0		1	377784	07/30/25	07/30/25	ZST
Surrogates	Limits									
Dibromofluoromethane	96%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
1,2-Dichloroethane-d4	101%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
Toluene-d8	97%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST

Analysis Results for 537753

Sample ID: QCTB
Lab ID: 537753-006
Collected: 07/16/25 08:15
Matrix: Water

537753-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Acetone	ND		ug/L	100	8.8	1	377784	07/30/25	07/30/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Methylene Chloride	0.3	J	ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	377784	07/30/25	07/30/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Chloroform	0.7	J	ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Benzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377784	07/30/25	07/30/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377784	07/30/25	07/30/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	377784	07/30/25	07/30/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	377784	07/30/25	07/30/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST

Analysis Results for 537753

537753-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377784	07/30/25	07/30/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Xylene (total)	ND		ug/L	5.0		1	377784	07/30/25	07/30/25	ZST
Surrogates	Limits									
Dibromofluoromethane	92%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
1,2-Dichloroethane-d4	100%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
Toluene-d8	96%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST

J Estimated value
ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1275315	Batch: 376695
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1275315 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	07/17/25 18:45	07/17/25 18:56
Chloride	ND		mg/L	1.0	0.27	07/17/25 18:45	07/17/25 18:56
Bromide	ND		mg/L	0.30	0.060	07/17/25 18:45	07/17/25 18:56
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	07/17/25 18:45	07/17/25 18:56
Sulfate	ND		mg/L	1.0	0.18	07/17/25 18:45	07/17/25 18:56

Type: Lab Control Sample	Lab ID: QC1275316	Batch: 376695
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1275316 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	10.73	10.00	mg/L	107%		90-110
Chloride	49.33	50.00	mg/L	99%		90-110
Bromide	15.46	15.00	mg/L	103%		90-110
Nitrogen, Nitrate	4.765	4.518	mg/L	105%		90-110
Sulfate	25.69	25.00	mg/L	103%		90-110

Type: Matrix Spike	Lab ID: QC1275323	Batch: 376695
Matrix (Source ID): Water (537598-001)	Method: EPA 300.0	Prep Method: METHOD

QC1275323 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	21.73	ND	20.00	mg/L	109%		80-129	1
Chloride	105.6	2.566	100.0	mg/L	103%		80-123	1
Bromide	15.16	ND	15.00	mg/L	101%		80-121	1
Nitrogen, Nitrate	13.59	4.457	9.036	mg/L	101%		80-123	1
Sulfate	90.01	40.63	50.00	mg/L	99%		79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1275324	Batch: 376695
Matrix (Source ID): Water (537598-001)	Method: EPA 300.0	Prep Method: METHOD

QC1275324 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	21.71	ND	20.00	mg/L	109%		80-129	0	21	1
Chloride	105.7	2.566	100.0	mg/L	103%		80-123	0	20	1
Bromide	15.17	ND	15.00	mg/L	101%		80-121	0	20	1
Nitrogen, Nitrate	13.61	4.457	9.036	mg/L	101%		80-123	0	20	1
Sulfate	89.99	40.63	50.00	mg/L	99%		79-124	0	20	1

Type: Blank	Lab ID: QC1277109	Batch: 377198
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1277109 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	07/23/25	07/28/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1277110	Batch: 377198
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1277110 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.046	1.000	mg/L	105%		90-110

Type: Matrix Spike	Lab ID: QC1277111	Batch: 377198
Matrix (Source ID): Water (537588-002)	Method: EPA 350.1	Prep Method: METHOD

QC1277111 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9352	ND	1.000	mg/L	94%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1277112	Batch: 377198
Matrix (Source ID): Water (537588-002)	Method: EPA 350.1	Prep Method: METHOD

QC1277112 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Ammonia-N	0.9503	ND	1.000	mg/L	95%		90-110	2	20	1

Type: Matrix Spike	Lab ID: QC1277113	Batch: 377198
Matrix (Source ID): Water (537588-003)	Method: EPA 350.1	Prep Method: METHOD

QC1277113 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.028	ND	1.000	mg/L	103%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1277114	Batch: 377198
Matrix (Source ID): Water (537588-003)	Method: EPA 350.1	Prep Method: METHOD

QC1277114 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Ammonia-N	1.069	ND	1.000	mg/L	107%		90-110	4	20	1

Type: Blank	Lab ID: QC1276657	Batch: 377063
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1276657 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	07/22/25	07/23/25

Type: Lab Control Sample	Lab ID: QC1276658	Batch: 377063
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1276658 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	91.00	100.0	mg/L	91%		90-110

Batch QC

Type: Matrix Spike	Lab ID: QC1276659	Batch: 377063
Matrix (Source ID): Water (537395-001)	Method: EPA 410.4	Prep Method: METHOD

QC1276659 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	86.00	ND	100.0	mg/L	86%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1276660	Batch: 377063
Matrix (Source ID): Water (537395-001)	Method: EPA 410.4	Prep Method: METHOD

QC1276660 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	80.00	ND	100.0	mg/L	80%		75-125	7	20	2

Type: Matrix Spike	Lab ID: QC1276796	Batch: 377063
Matrix (Source ID): Water (537753-004)	Method: EPA 410.4	Prep Method: METHOD

QC1276796 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	74.00	ND	100.0	mg/L	74%	*	75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1276797	Batch: 377063
Matrix (Source ID): Water (537753-004)	Method: EPA 410.4	Prep Method: METHOD

QC1276797 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	74.00	ND	100.0	mg/L	74%	*	75-125	0	20	2

Type: Blank	Lab ID: QC1275379	Batch: 376711
Matrix: Filtrate	Method: EPA 6010B	Prep Method: EPA 3015A

QC1275379 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	07/17/25	07/17/25
Calcium	ND		mg/L	0.57	0.57	07/17/25	07/17/25
Iron	ND		mg/L	0.046	0.046	07/17/25	07/17/25
Magnesium	ND		mg/L	0.10	0.025	07/17/25	07/17/25
Manganese	ND		mg/L	0.010	0.0029	07/17/25	07/17/25
Potassium	ND		mg/L	0.50	0.40	07/17/25	07/17/25
Sodium	ND		mg/L	0.50	0.35	07/17/25	07/17/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1275380	Batch: 376711
Matrix: Filtrate	Method: EPA 6010B	Prep Method: EPA 3015A

QC1275380 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3312	0.4000	mg/L	83%		80-120
Calcium	17.20	20.40	mg/L	84%		80-120
Iron	0.3503	0.4000	mg/L	88%		80-120
Magnesium	17.52	20.40	mg/L	86%		80-120
Manganese	0.3468	0.4000	mg/L	87%		80-120
Potassium	20.41	24.00	mg/L	85%		80-120
Sodium	17.58	20.40	mg/L	86%		80-120

Type: Matrix Spike	Lab ID: QC1275381	Batch: 376711
Matrix (Source ID): Water (537668-002)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1275381 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	5.851	5.523	0.4000	mg/L	82%	NM	75-125	1
Calcium	290.3	277.0	20.40	mg/L	66%	NM	75-125	1
Iron	0.6267	0.2836	0.4000	mg/L	86%		75-125	1
Magnesium	263.9	247.5	20.40	mg/L	80%	NM	75-125	1
Manganese	44.81	44.80	0.4000	mg/L	4%	NM	75-125	1
Potassium	31.73	9.352	24.00	mg/L	93%		75-125	1
Sodium	1,860	1870	20.40	mg/L	-48%	E,NM	75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1275382	Batch: 376711
Matrix (Source ID): Water (537668-002)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1275382 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	5.849	5.523	0.4000	mg/L	82%	NM	75-125	0	20	1
Calcium	291.6	277.0	20.40	mg/L	72%	NM	75-125	0	20	1
Iron	0.6279	0.2836	0.4000	mg/L	86%		75-125	0	22	1
Magnesium	265.2	247.5	20.40	mg/L	87%	NM	75-125	0	20	1
Manganese	44.69	44.80	0.4000	mg/L	-27%	NM	75-125	0	20	1
Potassium	31.57	9.352	24.00	mg/L	93%		75-125	1	20	1
Sodium	1,862	1870	20.40	mg/L	-38%	E,NM	75-125		20	1

Batch QC

Type: Serial Dilution	Lab ID: QC1275390	Batch: 376711
Matrix (Source ID): Water (537743-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1275390 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	0.3659	0.3645	mg/L				5
Calcium	94.70	94.33	mg/L				5
Iron	1.227	1.207	mg/L				5
Magnesium	34.24	34.08	mg/L				5
Manganese	0.01540	0.01608	mg/L	J			5
Potassium	3.772	3.695	mg/L				5
Sodium	89.58	88.42	mg/L				5

Type: Lab Control Sample	Lab ID: QC1279184	Batch: 377784
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1279184 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	46.47	50.00	ug/L	93%		69-128
MTBE	54.83	50.00	ug/L	110%		66-125
Benzene	50.52	50.00	ug/L	101%		76-121
Trichloroethene	45.30	50.00	ug/L	91%		76-124
Toluene	47.32	50.00	ug/L	95%		76-120
Chlorobenzene	46.90	50.00	ug/L	94%		78-120
Surrogates						
Dibromofluoromethane	45.15	50.00	ug/L	90%		70-130
1,2-Dichloroethane-d4	47.56	50.00	ug/L	95%		70-130
Toluene-d8	49.23	50.00	ug/L	98%		70-130
Bromofluorobenzene	49.80	50.00	ug/L	100%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1279185	Batch: 377784
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1279185 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	44.81	50.00	ug/L	90%		69-128	4	23
MTBE	53.29	50.00	ug/L	107%		66-125	3	22
Benzene	48.44	50.00	ug/L	97%		76-121	4	21
Trichloroethene	43.78	50.00	ug/L	88%		76-124	3	22
Toluene	46.11	50.00	ug/L	92%		76-120	3	21
Chlorobenzene	45.51	50.00	ug/L	91%		78-120	3	20
Surrogates								
Dibromofluoromethane	44.84	50.00	ug/L	90%		70-130		
1,2-Dichloroethane-d4	47.29	50.00	ug/L	95%		70-130		
Toluene-d8	49.21	50.00	ug/L	98%		70-130		
Bromofluorobenzene	49.72	50.00	ug/L	99%		70-130		

Batch QC

Type: Blank	Lab ID: QC1279188	Batch: 377784
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1279188 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.2	07/30/25	07/30/25
Freon 12	ND		ug/L	5.0	0.2	07/30/25	07/30/25
Chloromethane	ND		ug/L	5.0	0.1	07/30/25	07/30/25
Vinyl Chloride	ND		ug/L	5.0	0.1	07/30/25	07/30/25
Bromomethane	ND		ug/L	5.0	0.3	07/30/25	07/30/25
Chloroethane	ND		ug/L	5.0	0.05	07/30/25	07/30/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	07/30/25	07/30/25
Acetone	ND		ug/L	100	8.8	07/30/25	07/30/25
Freon 113	ND		ug/L	5.0	0.1	07/30/25	07/30/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	07/30/25	07/30/25
Methylene Chloride	ND		ug/L	5.0	0.2	07/30/25	07/30/25
MTBE	ND		ug/L	5.0	0.1	07/30/25	07/30/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	07/30/25	07/30/25
1,1-Dichloroethane	ND		ug/L	5.0	0.07	07/30/25	07/30/25
2-Butanone	ND		ug/L	100	0.9	07/30/25	07/30/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	07/30/25	07/30/25
2,2-Dichloropropane	ND		ug/L	5.0	0.09	07/30/25	07/30/25
Chloroform	ND		ug/L	5.0	0.07	07/30/25	07/30/25
Bromochloromethane	ND		ug/L	5.0	0.1	07/30/25	07/30/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	07/30/25	07/30/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	07/30/25	07/30/25
Carbon Tetrachloride	ND		ug/L	5.0	0.07	07/30/25	07/30/25
1,2-Dichloroethane	ND		ug/L	5.0	0.09	07/30/25	07/30/25
Benzene	ND		ug/L	5.0	0.07	07/30/25	07/30/25
Trichloroethene	ND		ug/L	5.0	0.05	07/30/25	07/30/25
1,2-Dichloropropane	ND		ug/L	5.0	0.07	07/30/25	07/30/25
Bromodichloromethane	ND		ug/L	5.0	0.05	07/30/25	07/30/25
Dibromomethane	ND		ug/L	5.0	0.1	07/30/25	07/30/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	07/30/25	07/30/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	07/30/25	07/30/25
Toluene	ND		ug/L	5.0	0.05	07/30/25	07/30/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	07/30/25	07/30/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	07/30/25	07/30/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	07/30/25	07/30/25
Tetrachloroethene	ND		ug/L	5.0	0.09	07/30/25	07/30/25
Dibromochloromethane	ND		ug/L	5.0	0.07	07/30/25	07/30/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	07/30/25	07/30/25
Chlorobenzene	ND		ug/L	5.0	0.05	07/30/25	07/30/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	07/30/25	07/30/25
Ethylbenzene	ND		ug/L	5.0	0.04	07/30/25	07/30/25
m,p-Xylenes	ND		ug/L	10	0.1	07/30/25	07/30/25
o-Xylene	ND		ug/L	5.0	0.06	07/30/25	07/30/25
Styrene	ND		ug/L	5.0	0.06	07/30/25	07/30/25
Bromoform	ND		ug/L	5.0	0.08	07/30/25	07/30/25
Isopropylbenzene	ND		ug/L	5.0	0.06	07/30/25	07/30/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	07/30/25	07/30/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	07/30/25	07/30/25

Batch QC

QC1279188 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.05	07/30/25	07/30/25
Bromobenzene	ND		ug/L	5.0	0.06	07/30/25	07/30/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	07/30/25	07/30/25
2-Chlorotoluene	ND		ug/L	5.0	0.07	07/30/25	07/30/25
4-Chlorotoluene	ND		ug/L	5.0	0.08	07/30/25	07/30/25
tert-Butylbenzene	ND		ug/L	5.0	0.07	07/30/25	07/30/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	07/30/25	07/30/25
sec-Butylbenzene	ND		ug/L	5.0	0.06	07/30/25	07/30/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	07/30/25	07/30/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	07/30/25	07/30/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	07/30/25	07/30/25
n-Butylbenzene	ND		ug/L	5.0	0.08	07/30/25	07/30/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	07/30/25	07/30/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	07/30/25	07/30/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	07/30/25	07/30/25
Hexachlorobutadiene	ND		ug/L	5.0	0.06	07/30/25	07/30/25
Naphthalene	ND		ug/L	5.0	0.3	07/30/25	07/30/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	07/30/25	07/30/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	07/30/25	07/30/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	07/30/25	07/30/25
Xylene (total)	ND		ug/L	5.0		07/30/25	07/30/25
Surrogates				Limits			
Dibromofluoromethane	95%		%REC	70-130		07/30/25	07/30/25
1,2-Dichloroethane-d4	101%		%REC	70-130		07/30/25	07/30/25
Toluene-d8	97%		%REC	70-130		07/30/25	07/30/25
Bromofluorobenzene	98%		%REC	70-130		07/30/25	07/30/25

Type: Matrix Spike	Lab ID: QC1279231	Batch: 377784
Matrix (Source ID): Water (538054-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1279231 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	359.7	ND	400.0	ug/L	90%		62-131	20
MTBE	421.3	ND	400.0	ug/L	105%		61-124	20
Benzene	403.7	0.08537	400.0	ug/L	101%		70-123	20
Trichloroethene	369.5	ND	400.0	ug/L	92%		65-131	20
Toluene	378.1	0.05196	400.0	ug/L	95%		69-120	20
Chlorobenzene	382.7	ND	400.0	ug/L	96%		72-121	20
Surrogates								
Dibromofluoromethane	924.3		1000	ug/L	92%		70-130	20
1,2-Dichloroethane-d4	965.4		1000	ug/L	97%		70-130	20
Toluene-d8	975.7		1000	ug/L	98%		70-130	20
Bromofluorobenzene	993.4		1000	ug/L	99%		70-130	20

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1279232	Batch: 377784
Matrix (Source ID): Water (538054-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1279232 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	287.2	ND	400.0	ug/L	72%		62-131	22	31	20
MTBE	331.7	ND	400.0	ug/L	83%		61-124	24	30	20
Benzene	322.9	0.08537	400.0	ug/L	81%		70-123	22	31	20
Trichloroethene	308.8	ND	400.0	ug/L	77%		65-131	18	31	20
Toluene	315.3	0.05196	400.0	ug/L	79%		69-120	18	29	20
Chlorobenzene	316.2	ND	400.0	ug/L	79%		72-121	19	29	20
Surrogates										
Dibromofluoromethane	903.0		1000	ug/L	90%		70-130			20
1,2-Dichloroethane-d4	950.3		1000	ug/L	95%		70-130			20
Toluene-d8	1,001		1000	ug/L	100%		70-130			20
Bromofluorobenzene	993.6		1000	ug/L	99%		70-130			20

Type: Blank	Lab ID: QC1275913	Batch: 376859
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1275913 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.95	07/19/25	07/21/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	104%		%REC	80-120		07/19/25	07/21/25

Type: Lab Control Sample	Lab ID: QC1275914	Batch: 376859
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1275914 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	10.70	10.00	ug/L	107%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.24	10.00	ug/L	102%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1275915	Batch: 376859
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1275915 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	11.02	10.00	ug/L	110%		79-120	3	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.55	10.00	ug/L	105%		80-120		

Type: Blank	Lab ID: QC1275756	Batch: 376814
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1275756 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		07/18/25	07/18/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1275757	Batch: 376814
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1275757 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1275758	Batch: 376814
Matrix (Source ID): Water (537918-005)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1275758 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1275759	Batch: 376814
Matrix (Source ID): Water (537918-005)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1275759 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	0	20	1

Type: Blank	Lab ID: QC1276592	Batch: 377045
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1276592 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.68	07/22/25	07/22/25

Type: Lab Control Sample	Lab ID: QC1276593	Batch: 377045
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1276593 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	23.29	25.00	mg/L	93%		85-115

Type: Matrix Spike	Lab ID: QC1276594	Batch: 377045
Matrix (Source ID): Water (537753-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1276594 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	27.48	1.432	25.00	mg/L	104%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1276595	Batch: 377045
Matrix (Source ID): Water (537753-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1276595 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	29.16	1.432	25.00	mg/L	111%		75-125	6	25	1

Batch QC

Type: Blank	Lab ID: QC1276267	Batch: 376952
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1276267 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		07/21/25	07/21/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		07/21/25	07/21/25

Type: Lab Control Sample	Lab ID: QC1276271	Batch: 376952
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1276271 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	943.4	1000	mg/L	94%		90-110

Type: Sample Duplicate	Lab ID: QC1276649	Batch: 376952
Matrix (Source ID): Water (537776-001)	Method: SM2320B	Prep Method: METHOD

QC1276649 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	209.1	209.5	mg/L		0	20	2.5
Alkalinity, Total as CaCO ₃	209.1	209.5	mg/L		0	20	2.5

Type: Blank	Lab ID: QC1276654	Batch: 377061
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1276654 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		07/22/25	07/23/25

Type: Lab Control Sample	Lab ID: QC1276655	Batch: 377061
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1276655 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,000	1000	mg/L	100%		90-110

Type: Sample Duplicate	Lab ID: QC1276656	Batch: 377061
Matrix (Source ID): Water (537753-001)	Method: SM2540C	Prep Method: METHOD

QC1276656 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	2,534	2458	mg/L		3	5	2

* Value is outside QC limits
 E Response exceeds instrument's linear range
 J Estimated value
 ND Not Detected
 NM Not Meaningful

Laboratory Job Number 537753

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2507D21

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-537753

Project Location:

Project Received: 07/22/2025

Analytical Report reviewed & approved for release on 07/23/2025 by:

Yen Cao
Project Manager

McC Campbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.



Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2507D21

Project: EO-537753

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit ¹
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit ²
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

¹ MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

² RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.



Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2507D21

Project: EO-537753

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	"Too Numerous to Count," greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Analytical Report

Client: Enthalpy Analytical
Date Received: 07/22/2025 9:18
Date Prepared: 07/22/2025
Project: EO-537753

WorkOrder: 2507D21
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-15	2507D21-001A	Water	07/16/2025 08:12	GC26 0722250912.D	321973

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	13,000	500	500	10	07/22/2025 15:10

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-1	2507D21-002A	Water	07/16/2025 09:08	GC26 0722250913.D	321973

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	2800	500	500	10	07/22/2025 15:24

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-16	2507D21-003A	Water	07/16/2025 10:11	GC26 0722250914.D	321973

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	1000	50	50	1	07/22/2025 15:48

Analyst(s): CLO

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 07/22/2025 9:18
Date Prepared: 07/22/2025
Project: EO-537753

WorkOrder: 2507D21
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-3	2507D21-004A	Water	07/16/2025 11:18	GC26 0722250915.D	321973

Analytes	Result	MDL	RL	DE	Date Analyzed
Carbon Dioxide	3500	200	200	4	07/22/2025 16:34

Analyst(s): CLO



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 07/22/2025
Date Analyzed: 07/22/2025
Instrument: GC26
Matrix: Water
Project: EO-537753

WorkOrder: 2507D21
BatchID: 321973
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-321973

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	140	140	187.2	74	73	70-130	1.45	30

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

☐ WaterTrax ☐ CLIP ☐ EDF

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2507D21

ClientCode: ENO

QuoteID: 252619

☐ EQuIS ☐ Dry-Weight ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag
☐ Detection Summary ☒ Excel [A1_Standard_QC]

Report to:

Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 079649
Project: EO-537753

Bill to:

Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: 1 day;

Date Received: 07/22/2025

Date Logged: 07/22/2025

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2507D21-001	DW-15	Water	7/16/2025 08:12	☐	A	A										
2507D21-002	DW-1	Water	7/16/2025 09:08	☐	A	A										
2507D21-003	DW-16	Water	7/16/2025 10:11	☐	A	A										
2507D21-004	DW-3	Water	7/16/2025 11:18	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Agustina Venegas

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL

Project: EO-537753

Work Order: 2507D21

Client Contact: Zach Barker

QC Level: LEVEL 2

Contact's Email: zach.barker@enthalpy.com

Comments:

Date Logged: 7/22/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☒ Excel ☐ EQUIS ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-15	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	7/16/2025 8:12	1 day	7/23/2025	Present	☐	☐
002A	DW-1	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	7/16/2025 9:08	1 day	7/23/2025	None	☐	☐
003A	DW-16	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	7/16/2025 10:11	1 day	7/23/2025	None	☐	☐
004A	DW-3	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	7/16/2025 11:18	1 day	7/23/2025	Present	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U** = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.

HOLD TIME RUSH

2507D21



931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:

McC Campbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-537753

PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel
EDD

Notes:

--

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-15	16-JUL-2025 08:12	537753-001	3	Water	RSK-175 CO2	
DW-1	16-JUL-2025 09:08	537753-002	3	Water	RSK-175 CO2	
DW-16	16-JUL-2025 10:11	537753-003	3	Water	RSK-175 CO2	
DW-3	16-JUL-2025 11:18	537753-004	3	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	Date:	Date: 7/12/25 09:18
	Date:	Date:
	Date:	Date:

1 of 1
FedEx: 882948723365

0.1cimet
1R43



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-537753

Date and Time Received: 7/22/2025 09:18
Date Logged: 7/22/2025
Received by: Agustina Venegas
Logged by: Agustina Venegas

WorkOrder No: 2507D21 Matrix: Water
Carrier: FedEx

Chain of Custody (COC) Information

Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Sample IDs noted by Client on COC?	Yes ☒	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☒	No ☐	
Sampler's name noted on COC?	Yes ☐	No ☒	
COC agrees with Quote?	Yes ☒	No ☐	NA ☐
COC quote NOT expired?	Yes ☒	No ☐	NA ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	NA ☒
Shipping container/cooler in good condition?	Yes ☒	No ☐	
Samples in proper containers/bottles?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☒	No ☐	NA ☐
Samples Received on Ice?	Yes ☒	No ☐	

(Ice Type: WET ICE)

Sample/Temp Blank temperature	Temp: 0.1°C	NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☒ No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☒ No ☐	
pH acceptable upon receipt (Metal: <2)?	Yes ☐ No ☐	NA ☒

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐ No ☐	NA ☒
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes ☐ No ☐	NA ☒

Comments:



Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 538223
Report Level : II
Report Date : 08/05/2025

Analytical Report *prepared for:*

Adrienne Thibeault
RMC Geoscience
775 Baywood Drive
Suite 305
Petaluma, CA 94954

Location: Chiquita Canyon Sampling / RM22.1077.00\ Ph 13

Authorized for release by:

Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

Sample Summary

Adrienne Thibeault	Lab Job #:	538223
RMC Geoscience	Location:	Chiquita Canyon Sampling / RM22.1077.00\ Ph 13
775 Baywood Drive	Date Received:	07/22/25
Suite 305		
Petaluma, CA		
94954		

Sample ID	Lab ID	Collected	Matrix
FP-01	538223-001	07/22/25 11:38	Water
QCFB	538223-002	07/22/25 00:00	Water
QCTB	538223-003	07/22/25 00:00	Water

Case Narrative

RMC Geoscience	Lab Job Number: 538223
775 Baywood Drive	Location: Chiquita Canyon Sampling / RM22.1077.00\ Ph
Suite 305	13
Petaluma, CA 94954	Date Received: 07/22/25
Adrienne Thibeault	

This data package contains sample and QC results for three water samples, requested for the above referenced project on 07/22/25. The samples were received cold and intact.

Volatile Organics by GC/MS (EPA 8260B):

- FP-01 (lab # 538223-001) had pH greater than 2.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):

No analytical problems were encountered.

Metals (EPA 6010B):

No analytical problems were encountered.

Ion Chromatography (EPA 300.0):

- High recovery was observed for sulfate in the MS for batch 377053; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):

No analytical problems were encountered.

Alkalinity (SM2320B):

No analytical problems were encountered.

Sulfide (SM 4500-S2-D):

No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):

No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):

No analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):

No analytical problems were encountered.

RSK-175 CO2 (RSK-175):

McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.

Chain of Custody Record		Turn Around Time (rush by advanced notice only)			
Lab No: 538223		Standard:		X	5 Day:
Page: 1 of 1		2 Day:			3 Day:
Matrix: A = Air S = Soil/Solid DW = Drinking Water SD = Sediment Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other		W = Water PP = Pure		Preservatives: 1 = Na ₂ S ₂ O ₃ 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other	
Enthalpy Analytical - Orange 931 W. Barkley Avenue, Orange, CA 92868 Phone 714-771-6900		Sample Receipt Temp:		(lab use only)	

CUSTOMER INFORMATION				PROJECT INFORMATION				Analysis Request										Test Instructions / Comments
Company:	Geo-Logic Associates			Quote #:														Total Metals - Ca, B, Fe, Mg, Mn, Na, K (EPA 6010B) 8260 VOCs (Appx I & Appx II) + DCFM TDS (SM 2540C) Sulfide (SM 4500-S2-D), TOC (SM 5310B) Sulfate (EPA 300.0) Bromide, Chloride, Fluoride, Nitrate-N, Chemical Oxygen Demand (EPA 410.4) Carbon Dioxide (free & total) (SM 4500-CO2) Ammonia-N (EPA 350.1) Total Alkalinity (as CaCO3) Bicarbonate (as CaCO3) 1,4-Dioxane (EPA 8270C-SIM)
Report To:	Adrienne Thibeault			Project Name:	Chiquita Canyon Sampling													
Email:	athibeault@geo-logic.com			Project #:	RM22.1077.00\ Ph 13													
Address:	2777 E Guasti Rd UNIT 1			P.O. #:														
	Ontario, CA 91761			Address:														
Phone:	(909) 677-1093			Global ID:	L0003464243													
Fax:				Sampled By:	J. Reksstad													
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.													
1 FP-01	7-22-25	1138	Water															
2 QCFB	7-22-25	-	Water															
3 QCTB	7-22-25	-	Water															
4																		
5																		
6																		
7																		
8																		
9																		
10																		

Signature		Print Name		Company / Title		Date / Time	
1 Relinquished By:	<i>[Signature]</i>	Jesse Reksstad	GLA / Field Tech	7-22-25	1443		
1 Received By:	<i>[Signature]</i>	Michael Kynen	EA	7/22/25	1443		
2 Relinquished By:							
2 Received By:							
3 Relinquished By:							
3 Received By:							



 Login 538223

ENTHALPY

Date Received: 7/22/25 WO# 538223 Client: GEO-LOGIC

Are custody seals present? ☐ Yes ☒ No

☐ Courier ☒ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR13 CF: 0.0

Cooler Temp (°C) #1: 6.8 / 6.8 #2: / #3: / #4: / #5: / #6: /

☐ No microbiology samples submitted (skip 3b)☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

☐ No air samples submitted (skip 3c)☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

YES	NO	N/A
-----	----	-----

1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	X		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?		X	
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

(If no comments are made, then no discrepancies noted.)

[illegible]☐ No additional discrepancies

Date Logged 7/22/25

By (print) NCM

(sign)

Date Labeled 7/22/25

By (print) JXR

(sign)

Analysis Results for 538223

Adrienne Thibeault
RMC Geoscience
775 Baywood Drive
Suite 305
Petaluma, CA 94954

Lab Job #: 538223
Location: Chiquita Canyon Sampling / RM22.1077.00'
Ph 13
Date Received: 07/22/25

Sample ID: FP-01

Lab ID: 538223-001

Collected: 07/22/25 11:38

Matrix: Water

538223-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.29		mg/L	0.20	0.073	1	377053	07/22/25 13:08	07/22/25 20:47	AJL
Chloride	110		mg/L	1.0	0.27	1	377053	07/22/25 13:08	07/22/25 20:47	AJL
Bromide	0.51		mg/L	0.30	0.060	1	377053	07/22/25 13:08	07/22/25 20:47	AJL
Nitrogen, Nitrate	0.14		mg/L	0.10	0.05	1	377053	07/22/25 13:08	07/22/25 20:47	AJL
Sulfate	380		mg/L	10	1.8	10	377053	07/22/25 13:08	07/22/25 21:04	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	0.061	J	mg/L	0.10	0.050	1	377198	07/23/25	07/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	140		mg/L	4.0	2.0	1	377942	07/31/25	07/31/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.44		mg/L	0.050	0.0062	1	377156	07/23/25	07/23/25	CAP
Calcium	210		mg/L	1.0	0.57	1	377156	07/23/25	07/23/25	CAP
Iron	25		mg/L	0.10	0.041	1	377156	07/23/25	07/23/25	CAP
Magnesium	41		mg/L	0.10	0.025	1	377156	07/23/25	07/23/25	CAP
Manganese	1.2		mg/L	0.010	0.0029	1	377156	07/23/25	07/23/25	CAP
Potassium	5.6		mg/L	0.50	0.42	1	377156	07/23/25	07/23/25	CAP
Sodium	140		mg/L	0.50	0.34	1	377156	07/23/25	07/23/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
Carbon Disulfide	ND		ug/L	5.0	0.3	1	377357	07/25/25	07/25/25	ZST
2-Chloroethylvinylether	ND		ug/L	50	0.2	1	377357	07/25/25	07/25/25	ZST
Chloroprene	ND		ug/L	200	0.3	1	377357	07/25/25	07/25/25	ZST
3-Chloropropene	ND		ug/L	5.0	0.2	1	377357	07/25/25	07/25/25	ZST
Ethyl methacrylate	ND		ug/L	50	2.4	1	377357	07/25/25	07/25/25	ZST
Ethanol	ND		ug/L	500	130	1	377357	07/25/25	07/25/25	ZST
2-Hexanone	ND		ug/L	5.0	0.6	1	377357	07/25/25	07/25/25	ZST
Iodomethane	ND		ug/L	10	3.0	1	377357	07/25/25	07/25/25	ZST
Isopropanol (IPA)	ND		ug/L	200	40	1	377357	07/25/25	07/25/25	ZST
Methyl acrylonitrile	ND		ug/L	35	1.3	1	377357	07/25/25	07/25/25	ZST
Vinyl Acetate	ND		ug/L	50	2.5	1	377357	07/25/25	07/25/25	ZST
Acrolein	ND		ug/L	200	1.6	1	377357	07/25/25	07/25/25	ZST
Acrylonitrile	ND		ug/L	10	0.4	1	377357	07/25/25	07/25/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	377357	07/25/25	07/25/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	377357	07/25/25	07/25/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST

Analysis Results for 538223

538223-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
Acetone	ND		ug/L	100	8.8	1	377357	07/25/25	07/25/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	377357	07/25/25	07/25/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	377357	07/25/25	07/25/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377357	07/25/25	07/25/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
Benzene	ND		ug/L	1.0	0.07	1	377357	07/25/25	07/25/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377357	07/25/25	07/25/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377357	07/25/25	07/25/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	377357	07/25/25	07/25/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	377357	07/25/25	07/25/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST

Analysis Results for 538223

538223-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377357	07/25/25	07/25/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377357	07/25/25	07/25/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	377357	07/25/25	07/25/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377357	07/25/25	07/25/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377357	07/25/25	07/25/25	ZST
Xylene (total)	ND		ug/L	5.0		1	377357	07/25/25	07/25/25	ZST

Surrogates	Limits									
Dibromofluoromethane	106%		%REC	70-130		1	377357	07/25/25	07/25/25	ZST
1,2-Dichloroethane-d4	106%		%REC	70-130		1	377357	07/25/25	07/25/25	ZST
Toluene-d8	99%		%REC	70-130		1	377357	07/25/25	07/25/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	377357	07/25/25	07/25/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

1,4-Dioxane	5.5		ug/L	1.0	0.95	1	377246	07/24/25	07/24/25	ZFA
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Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	103%		%REC	80-120		1	377246	07/24/25	07/24/25	ZFA

Method: SM 4500-S2-D

Prep Method: METHOD

Sulfide	ND		mg/L	0.10		1	377112	07/22/25	07/22/25	TXC
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Method: SM 5310B

Prep Method: SM 5310B

Total Organic Carbon	9.8		mg/L	1.0	0.24	1	377341	07/24/25	07/24/25	CKN
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Method: SM2320B

Prep Method: METHOD

Alkalinity, Bicarbonate, as CaCO3	360		mg/L	10		5	377177	07/24/25	07/24/25	ARM
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Alkalinity, Total as CaCO3	360		mg/L	10		5	377177	07/24/25	07/24/25	ARM
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Method: SM2540C

Prep Method: METHOD

Total Dissolved Solids	1,200		mg/L	20		2	377588	07/28/25	07/29/25	RDL
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Analysis Results for 538223

Sample ID: QCFB
Lab ID: 538223-002
Collected: 07/22/25
Matrix: Water

538223-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
Carbon Disulfide	ND		ug/L	5.0	0.3	1	377357	07/25/25	07/25/25	ZST
2-Chloroethylvinylether	ND		ug/L	50	0.2	1	377357	07/25/25	07/25/25	ZST
Chloroprene	ND		ug/L	200	0.3	1	377357	07/25/25	07/25/25	ZST
3-Chloropropene	ND		ug/L	5.0	0.2	1	377357	07/25/25	07/25/25	ZST
Ethyl methacrylate	ND		ug/L	50	2.4	1	377357	07/25/25	07/25/25	ZST
Ethanol	ND		ug/L	500	130	1	377357	07/25/25	07/25/25	ZST
2-Hexanone	ND		ug/L	5.0	0.6	1	377357	07/25/25	07/25/25	ZST
Iodomethane	ND		ug/L	10	3.0	1	377357	07/25/25	07/25/25	ZST
Isopropanol (IPA)	ND		ug/L	200	40	1	377357	07/25/25	07/25/25	ZST
Methyl acrylonitrile	ND		ug/L	35	1.3	1	377357	07/25/25	07/25/25	ZST
Vinyl Acetate	ND		ug/L	50	2.5	1	377357	07/25/25	07/25/25	ZST
Acrolein	ND		ug/L	200	1.6	1	377357	07/25/25	07/25/25	ZST
Acrylonitrile	ND		ug/L	10	0.4	1	377357	07/25/25	07/25/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	377357	07/25/25	07/25/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	377357	07/25/25	07/25/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
Acetone	ND		ug/L	100	8.8	1	377357	07/25/25	07/25/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
Methylene Chloride	6.3		ug/L	5.0	0.2	1	377357	07/25/25	07/25/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	377357	07/25/25	07/25/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
Chloroform	0.7	J	ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377357	07/25/25	07/25/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
Benzene	ND		ug/L	1.0	0.07	1	377357	07/25/25	07/25/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377357	07/25/25	07/25/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377357	07/25/25	07/25/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST

Analysis Results for 538223

538223-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
Tetrachloroethene	0.1	J	ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	377357	07/25/25	07/25/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	377357	07/25/25	07/25/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377357	07/25/25	07/25/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377357	07/25/25	07/25/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	377357	07/25/25	07/25/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377357	07/25/25	07/25/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377357	07/25/25	07/25/25	ZST
Xylene (total)	ND		ug/L	5.0		1	377357	07/25/25	07/25/25	ZST
Surrogates	Limits									
Dibromofluoromethane	104%		%REC	70-130		1	377357	07/25/25	07/25/25	ZST
1,2-Dichloroethane-d4	104%		%REC	70-130		1	377357	07/25/25	07/25/25	ZST
Toluene-d8	100%		%REC	70-130		1	377357	07/25/25	07/25/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	377357	07/25/25	07/25/25	ZST

Analysis Results for 538223

Sample ID: QCTB
Lab ID: 538223-003
Collected: 07/22/25
Matrix: Water

538223-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
Carbon Disulfide	ND		ug/L	5.0	0.3	1	377357	07/25/25	07/25/25	ZST
2-Chloroethylvinylether	ND		ug/L	50	0.2	1	377357	07/25/25	07/25/25	ZST
Chloroprene	ND		ug/L	200	0.3	1	377357	07/25/25	07/25/25	ZST
3-Chloropropene	ND		ug/L	5.0	0.2	1	377357	07/25/25	07/25/25	ZST
Ethyl methacrylate	ND		ug/L	50	2.4	1	377357	07/25/25	07/25/25	ZST
Ethanol	ND		ug/L	500	130	1	377357	07/25/25	07/25/25	ZST
2-Hexanone	ND		ug/L	5.0	0.6	1	377357	07/25/25	07/25/25	ZST
Iodomethane	ND		ug/L	10	3.0	1	377357	07/25/25	07/25/25	ZST
Isopropanol (IPA)	ND		ug/L	200	40	1	377357	07/25/25	07/25/25	ZST
Methyl acrylonitrile	ND		ug/L	35	1.3	1	377357	07/25/25	07/25/25	ZST
Vinyl Acetate	ND		ug/L	50	2.5	1	377357	07/25/25	07/25/25	ZST
Acrolein	ND		ug/L	200	1.6	1	377357	07/25/25	07/25/25	ZST
Acrylonitrile	ND		ug/L	10	0.4	1	377357	07/25/25	07/25/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	377357	07/25/25	07/25/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	377357	07/25/25	07/25/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
Acetone	ND		ug/L	100	8.8	1	377357	07/25/25	07/25/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
Methylene Chloride	0.6	J	ug/L	5.0	0.2	1	377357	07/25/25	07/25/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	377357	07/25/25	07/25/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
Chloroform	0.8	J	ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377357	07/25/25	07/25/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
Benzene	ND		ug/L	1.0	0.07	1	377357	07/25/25	07/25/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377357	07/25/25	07/25/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
Toluene	0.06	J	ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377357	07/25/25	07/25/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST

Analysis Results for 538223

538223-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	377357	07/25/25	07/25/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	377357	07/25/25	07/25/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377357	07/25/25	07/25/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377357	07/25/25	07/25/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	377357	07/25/25	07/25/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377357	07/25/25	07/25/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377357	07/25/25	07/25/25	ZST
Xylene (total)	ND		ug/L	5.0		1	377357	07/25/25	07/25/25	ZST
Surrogates	Limits									
Dibromofluoromethane	106%		%REC	70-130		1	377357	07/25/25	07/25/25	ZST
1,2-Dichloroethane-d4	106%		%REC	70-130		1	377357	07/25/25	07/25/25	ZST
Toluene-d8	99%		%REC	70-130		1	377357	07/25/25	07/25/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	377357	07/25/25	07/25/25	ZST

J Estimated value

ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1276613	Batch: 377053
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1276613 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	07/22/25 13:08	07/22/25 14:41
Chloride	ND		mg/L	1.0	0.27	07/22/25 13:08	07/22/25 14:41
Bromide	ND		mg/L	0.30	0.060	07/22/25 13:08	07/22/25 14:41
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	07/22/25 13:08	07/22/25 14:41
Sulfate	ND		mg/L	1.0	0.18	07/22/25 13:08	07/22/25 14:41

Type: Lab Control Sample	Lab ID: QC1276614	Batch: 377053
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1276614 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.831	10.00	mg/L	98%		90-110
Chloride	47.75	50.00	mg/L	95%		90-110
Bromide	14.92	15.00	mg/L	99%		90-110
Nitrogen, Nitrate	4.595	4.518	mg/L	102%		90-110
Sulfate	24.75	25.00	mg/L	99%		90-110

Type: Matrix Spike	Lab ID: QC1276617	Batch: 377053
Matrix (Source ID): Water (538108-001)	Method: EPA 300.0	Prep Method: METHOD

QC1276617 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	25.17	ND	20.00	mg/L	126%		80-129	1
Chloride	133.3	9.949	100.0	mg/L	123%		80-123	1
Bromide	17.45	ND	15.00	mg/L	116%		80-121	1
Nitrogen, Nitrate	10.57	0.07078	9.036	mg/L	116%		80-123	1
Sulfate	70.99	8.072	50.00	mg/L	126%	*	79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1276618	Batch: 377053
Matrix (Source ID): Water (538108-001)	Method: EPA 300.0	Prep Method: METHOD

QC1276618 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	23.06	ND	20.00	mg/L	115%		80-129	9	21	1
Chloride	123.5	9.949	100.0	mg/L	114%		80-123	8	20	1
Bromide	16.08	ND	15.00	mg/L	107%		80-121	8	20	1
Nitrogen, Nitrate	9.786	0.07078	9.036	mg/L	108%		80-123	8	20	1
Sulfate	65.63	8.072	50.00	mg/L	115%		79-124	8	20	1

Batch QC

Type: Matrix Spike	Lab ID: QC1276698	Batch: 377053
Matrix (Source ID): Water (538204-001)	Method: EPA 300.0	Prep Method: METHOD

QC1276698 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	21.14	0.6390	20.00	mg/L	102%		80-129	1
Chloride	176.2	76.92	100.0	mg/L	99%		80-123	1
Bromide	14.71	0.2805	15.00	mg/L	96%		80-121	1
Nitrogen, Nitrate	8.392	ND	9.036	mg/L	93%		80-123	1
Sulfate	274.8	246.1	50.00	mg/L	57%	E,NM	79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1276699	Batch: 377053
Matrix (Source ID): Water (538204-001)	Method: EPA 300.0	Prep Method: METHOD

QC1276699 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	21.38	0.6390	20.00	mg/L	104%		80-129	1	21	1
Chloride	177.4	76.92	100.0	mg/L	100%		80-123	1	20	1
Bromide	14.88	0.2805	15.00	mg/L	97%		80-121	1	20	1
Nitrogen, Nitrate	8.368	ND	9.036	mg/L	93%		80-123	0	20	1
Sulfate	275.4	246.1	50.00	mg/L	58%	E,NM	79-124		20	1

Type: Blank	Lab ID: QC1277109	Batch: 377198
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1277109 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	07/23/25	07/28/25

Type: Lab Control Sample	Lab ID: QC1277110	Batch: 377198
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1277110 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.046	1.000	mg/L	105%		90-110

Type: Matrix Spike	Lab ID: QC1277111	Batch: 377198
Matrix (Source ID): Water (537588-002)	Method: EPA 350.1	Prep Method: METHOD

QC1277111 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9352	ND	1.000	mg/L	94%		90-110	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1277112	Batch: 377198
Matrix (Source ID): Water (537588-002)	Method: EPA 350.1	Prep Method: METHOD

QC1277112 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9503	ND	1.000	mg/L	95%		90-110	2	20	1

Type: Matrix Spike	Lab ID: QC1277113	Batch: 377198
Matrix (Source ID): Water (537588-003)	Method: EPA 350.1	Prep Method: METHOD

QC1277113 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.028	ND	1.000	mg/L	103%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1277114	Batch: 377198
Matrix (Source ID): Water (537588-003)	Method: EPA 350.1	Prep Method: METHOD

QC1277114 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.069	ND	1.000	mg/L	107%		90-110	4	20	1

Type: Blank	Lab ID: QC1279759	Batch: 377942
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1279759 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	07/31/25	07/31/25

Type: Lab Control Sample	Lab ID: QC1279760	Batch: 377942
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1279760 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	989.0	1000	mg/L	99%		90-110

Type: Matrix Spike	Lab ID: QC1279761	Batch: 377942
Matrix (Source ID): Water (538223-001)	Method: EPA 410.4	Prep Method: METHOD

QC1279761 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	1,140	137.0	1000	mg/L	100%		75-125	2

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1279762	Batch: 377942
Matrix (Source ID): Water (538223-001)	Method: EPA 410.4	Prep Method: METHOD

QC1279762 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	1,116	137.0	1000	mg/L	98%		75-125	2	20	2

Type: Blank	Lab ID: QC1276996	Batch: 377156
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1276996 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0062	07/23/25	07/23/25
Calcium	ND		mg/L	0.57	0.57	07/23/25	07/23/25
Iron	ND		mg/L	0.041	0.041	07/23/25	07/23/25
Magnesium	ND		mg/L	0.10	0.025	07/23/25	07/23/25
Manganese	ND		mg/L	0.010	0.0029	07/23/25	07/23/25
Potassium	ND		mg/L	0.50	0.42	07/23/25	07/23/25
Sodium	ND		mg/L	0.50	0.34	07/23/25	07/23/25

Type: Lab Control Sample	Lab ID: QC1276997	Batch: 377156
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1276997 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3516	0.4000	mg/L	88%		80-120
Calcium	18.33	20.40	mg/L	90%		80-120
Iron	0.3714	0.4000	mg/L	93%		80-120
Magnesium	18.69	20.40	mg/L	92%		80-120
Manganese	0.3683	0.4000	mg/L	92%		80-120
Potassium	21.39	24.00	mg/L	89%		80-120
Sodium	18.70	20.40	mg/L	92%		80-120

Type: Matrix Spike	Lab ID: QC1276998	Batch: 377156
Matrix (Source ID): Water (537395-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1276998 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	1.719	1.367	0.4000	mg/L	88%		75-125	1
Calcium	22.54	4.672	20.40	mg/L	88%		75-125	1
Iron	0.3772	ND	0.4000	mg/L	94%		75-125	1
Magnesium	19.03	0.7834	20.40	mg/L	89%		75-125	1
Manganese	0.3668	0.003580	0.4000	mg/L	91%		75-125	1
Potassium	23.19	0.8843	24.00	mg/L	93%		75-125	1
Sodium	380.8	365.8	20.40	mg/L	73%	NM	75-125	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1276999	Batch: 377156
Matrix (Source ID): Water (537395-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1276999 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	1.721	1.367	0.4000	mg/L	89%		75-125	0	20	1
Calcium	22.78	4.672	20.40	mg/L	89%		75-125	1	20	1
Iron	0.3797	ND	0.4000	mg/L	95%		75-125	1	22	1
Magnesium	19.28	0.7834	20.40	mg/L	91%		75-125	1	20	1
Manganese	0.3707	0.003580	0.4000	mg/L	92%		75-125	1	20	1
Potassium	23.44	0.8843	24.00	mg/L	94%		75-125	1	20	1
Sodium	378.8	365.8	20.40	mg/L	63%	NM	75-125	1	20	1

Type: Serial Dilution	Lab ID: QC1277079	Batch: 377156
Matrix (Source ID): Water (537395-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1277079 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	1.353	1.367	mg/L				5
Calcium	4.641	4.672	mg/L				5
Iron	ND	ND	mg/L				5
Magnesium	0.7449	0.7834	mg/L				5
Manganese	ND	0.003580	mg/L				5
Potassium	ND	0.8843	mg/L				5
Sodium	366.1	365.8	mg/L				5

Batch QC

Type: Blank	Lab ID: QC1277690	Batch: 377357
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1277690 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Carbon Disulfide	ND		ug/L	5.0	0.3	07/25/25	07/25/25
2-Chloroethylvinylether	ND		ug/L	50	0.2	07/25/25	07/25/25
Chloroprene	ND		ug/L	200	0.3	07/25/25	07/25/25
3-Chloropropene	ND		ug/L	5.0	0.2	07/25/25	07/25/25
Ethyl methacrylate	ND		ug/L	50	2.4	07/25/25	07/25/25
Ethanol	ND		ug/L	500	130	07/25/25	07/25/25
2-Hexanone	ND		ug/L	5.0	0.6	07/25/25	07/25/25
Iodomethane	ND		ug/L	10	3.0	07/25/25	07/25/25
Isopropanol (IPA)	ND		ug/L	200	40	07/25/25	07/25/25
Methyl acrylonitrile	ND		ug/L	35	1.3	07/25/25	07/25/25
Vinyl Acetate	ND		ug/L	50	2.5	07/25/25	07/25/25
Acrolein	ND		ug/L	200	1.6	07/25/25	07/25/25
Acrylonitrile	ND		ug/L	10	0.4	07/25/25	07/25/25
Freon 12	ND		ug/L	5.0	0.2	07/25/25	07/25/25
Chloromethane	ND		ug/L	5.0	0.1	07/25/25	07/25/25
Vinyl Chloride	ND		ug/L	5.0	0.1	07/25/25	07/25/25
Bromomethane	ND		ug/L	5.0	0.3	07/25/25	07/25/25
Chloroethane	ND		ug/L	5.0	0.05	07/25/25	07/25/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	07/25/25	07/25/25
Acetone	ND		ug/L	100	8.8	07/25/25	07/25/25
Freon 113	ND		ug/L	5.0	0.1	07/25/25	07/25/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	07/25/25	07/25/25
Methylene Chloride	ND		ug/L	5.0	0.2	07/25/25	07/25/25
MTBE	ND		ug/L	5.0	0.1	07/25/25	07/25/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	07/25/25	07/25/25
1,1-Dichloroethane	ND		ug/L	5.0	0.07	07/25/25	07/25/25
2-Butanone	ND		ug/L	100	0.9	07/25/25	07/25/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	07/25/25	07/25/25
2,2-Dichloropropane	ND		ug/L	5.0	0.09	07/25/25	07/25/25
Chloroform	ND		ug/L	5.0	0.07	07/25/25	07/25/25
Bromochloromethane	ND		ug/L	5.0	0.1	07/25/25	07/25/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	07/25/25	07/25/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	07/25/25	07/25/25
Carbon Tetrachloride	ND		ug/L	5.0	0.07	07/25/25	07/25/25
1,2-Dichloroethane	ND		ug/L	5.0	0.09	07/25/25	07/25/25
Benzene	ND		ug/L	1.0	0.07	07/25/25	07/25/25
Trichloroethene	ND		ug/L	5.0	0.05	07/25/25	07/25/25
1,2-Dichloropropane	ND		ug/L	5.0	0.07	07/25/25	07/25/25
Bromodichloromethane	ND		ug/L	5.0	0.05	07/25/25	07/25/25
Dibromomethane	ND		ug/L	5.0	0.1	07/25/25	07/25/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	07/25/25	07/25/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	07/25/25	07/25/25
Toluene	ND		ug/L	5.0	0.05	07/25/25	07/25/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	07/25/25	07/25/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	07/25/25	07/25/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	07/25/25	07/25/25
Tetrachloroethene	ND		ug/L	5.0	0.09	07/25/25	07/25/25

Batch QC

QC1277690 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Dibromochloromethane	ND		ug/L	5.0	0.07	07/25/25	07/25/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	07/25/25	07/25/25
Chlorobenzene	ND		ug/L	5.0	0.05	07/25/25	07/25/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	07/25/25	07/25/25
Ethylbenzene	ND		ug/L	5.0	0.04	07/25/25	07/25/25
m,p-Xylenes	ND		ug/L	10	0.1	07/25/25	07/25/25
o-Xylene	ND		ug/L	5.0	0.06	07/25/25	07/25/25
Styrene	ND		ug/L	5.0	0.06	07/25/25	07/25/25
Bromoform	ND		ug/L	5.0	0.08	07/25/25	07/25/25
Isopropylbenzene	ND		ug/L	5.0	0.06	07/25/25	07/25/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	07/25/25	07/25/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	07/25/25	07/25/25
Propylbenzene	ND		ug/L	5.0	0.05	07/25/25	07/25/25
Bromobenzene	ND		ug/L	5.0	0.06	07/25/25	07/25/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	07/25/25	07/25/25
2-Chlorotoluene	ND		ug/L	5.0	0.07	07/25/25	07/25/25
4-Chlorotoluene	ND		ug/L	5.0	0.08	07/25/25	07/25/25
tert-Butylbenzene	ND		ug/L	5.0	0.07	07/25/25	07/25/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	07/25/25	07/25/25
sec-Butylbenzene	ND		ug/L	5.0	0.06	07/25/25	07/25/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	07/25/25	07/25/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	07/25/25	07/25/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	07/25/25	07/25/25
n-Butylbenzene	ND		ug/L	5.0	0.08	07/25/25	07/25/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	07/25/25	07/25/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	07/25/25	07/25/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	07/25/25	07/25/25
Hexachlorobutadiene	ND		ug/L	5.0	0.06	07/25/25	07/25/25
Naphthalene	ND		ug/L	5.0	0.3	07/25/25	07/25/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	07/25/25	07/25/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	07/25/25	07/25/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	07/25/25	07/25/25
Xylene (total)	ND		ug/L	5.0		07/25/25	07/25/25
Surrogates				Limits			
Dibromofluoromethane	106%		%REC	70-130		07/25/25	07/25/25
1,2-Dichloroethane-d4	107%		%REC	70-130		07/25/25	07/25/25
Toluene-d8	100%		%REC	70-130		07/25/25	07/25/25
Bromofluorobenzene	97%		%REC	70-130		07/25/25	07/25/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1277691	Batch: 377357
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1277691 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	49.14	50.00	ug/L	98%		69-128
MTBE	50.87	50.00	ug/L	102%		66-125
Benzene	50.27	50.00	ug/L	101%		76-121
Trichloroethene	52.07	50.00	ug/L	104%		76-124
Toluene	49.42	50.00	ug/L	99%		76-120
Chlorobenzene	49.89	50.00	ug/L	100%		78-120
Surrogates						
Dibromofluoromethane	47.56	50.00	ug/L	95%		70-130
1,2-Dichloroethane-d4	48.73	50.00	ug/L	97%		70-130
Toluene-d8	50.23	50.00	ug/L	100%		70-130
Bromofluorobenzene	49.41	50.00	ug/L	99%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1277692	Batch: 377357
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1277692 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	46.70	50.00	ug/L	93%		69-128	5	23
MTBE	49.14	50.00	ug/L	98%		66-125	3	22
Benzene	48.45	50.00	ug/L	97%		76-121	4	21
Trichloroethene	50.78	50.00	ug/L	102%		76-124	2	22
Toluene	48.21	50.00	ug/L	96%		76-120	2	21
Chlorobenzene	48.78	50.00	ug/L	98%		78-120	2	20
Surrogates								
Dibromofluoromethane	47.70	50.00	ug/L	95%		70-130		
1,2-Dichloroethane-d4	48.51	50.00	ug/L	97%		70-130		
Toluene-d8	50.95	50.00	ug/L	102%		70-130		
Bromofluorobenzene	49.53	50.00	ug/L	99%		70-130		

Type: Matrix Spike	Lab ID: QC1277711	Batch: 377357
Matrix (Source ID): Water (537969-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1277711 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	20.96	ND	20.00	ug/L	105%		62-131	1
MTBE	20.85	ND	20.00	ug/L	104%		61-124	1
Benzene	21.30	ND	20.00	ug/L	107%		70-123	1
Trichloroethene	22.46	ND	20.00	ug/L	112%		65-131	1
Toluene	21.02	ND	20.00	ug/L	105%		69-120	1
Chlorobenzene	21.77	ND	20.00	ug/L	109%		72-121	1
Surrogates								
Dibromofluoromethane	48.48		50.00	ug/L	97%		70-130	1
1,2-Dichloroethane-d4	49.27		50.00	ug/L	99%		70-130	1
Toluene-d8	50.33		50.00	ug/L	101%		70-130	1
Bromofluorobenzene	49.08		50.00	ug/L	98%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1277712	Batch: 377357
Matrix (Source ID): Water (537969-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1277712 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	18.38	ND	20.00	ug/L	92%		62-131	13	31	1
MTBE	18.61	ND	20.00	ug/L	93%		61-124	11	30	1
Benzene	18.71	ND	20.00	ug/L	94%		70-123	13	31	1
Trichloroethene	19.43	ND	20.00	ug/L	97%		65-131	15	31	1
Toluene	18.12	ND	20.00	ug/L	91%		69-120	15	29	1
Chlorobenzene	18.80	ND	20.00	ug/L	94%		72-121	15	29	1
Surrogates										
Dibromofluoromethane	49.35		50.00	ug/L	99%		70-130			1
1,2-Dichloroethane-d4	50.21		50.00	ug/L	100%		70-130			1
Toluene-d8	49.78		50.00	ug/L	100%		70-130			1
Bromofluorobenzene	49.14		50.00	ug/L	98%		70-130			1

Type: Blank	Lab ID: QC1277315	Batch: 377246
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1277315 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.95	07/24/25	07/24/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	103%		%REC	80-120		07/24/25	07/24/25

Type: Lab Control Sample	Lab ID: QC1277316	Batch: 377246
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1277316 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	10.59	10.00	ug/L	106%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.39	10.00	ug/L	104%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1277317	Batch: 377246
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1277317 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	9.802	10.00	ug/L	98%		79-120	8	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.63	10.00	ug/L	106%		80-120		

Type: Blank	Lab ID: QC1276774	Batch: 377112
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1276774 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		07/22/25	07/22/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1276775	Batch: 377112
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1276775 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1276776	Batch: 377112
Matrix (Source ID): Water (538223-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1276776 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1276777	Batch: 377112
Matrix (Source ID): Water (538223-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1276777 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	0	20	1

Type: Blank	Lab ID: QC1277650	Batch: 377341
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1277650 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.24	07/24/25	07/24/25

Type: Lab Control Sample	Lab ID: QC1277651	Batch: 377341
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1277651 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	25.67	25.00	mg/L	103%		85-115

Type: Matrix Spike	Lab ID: QC1277652	Batch: 377341
Matrix (Source ID): Water (538328-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1277652 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	47,130	35160	12500	mg/L	96%		75-125	500

Type: Matrix Spike Duplicate	Lab ID: QC1277653	Batch: 377341
Matrix (Source ID): Water (538328-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1277653 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Total Organic Carbon	47,820	35160	12500	mg/L	101%		75-125	1	25	500

Batch QC

Type: Blank	Lab ID: QC1277050	Batch: 377177
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1277050 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		07/24/25	07/24/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		07/24/25	07/24/25

Type: Lab Control Sample	Lab ID: QC1277051	Batch: 377177
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1277051 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	943.4	1000	mg/L	94%		90-110

Type: Sample Duplicate	Lab ID: QC1277052	Batch: 377177
Matrix (Source ID): Water (537655-001)	Method: SM2320B	Prep Method: METHOD

QC1277052 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	187.3	188.7	mg/L		1	20	2.5
Alkalinity, Total as CaCO ₃	187.3	188.7	mg/L		1	20	2.5

Type: Blank	Lab ID: QC1278595	Batch: 377588
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1278595 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		07/28/25	07/29/25

Type: Lab Control Sample	Lab ID: QC1278596	Batch: 377588
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1278596 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,028	1000	mg/L	103%		90-110

Type: Sample Duplicate	Lab ID: QC1278597	Batch: 377588
Matrix (Source ID): Water (538108-001)	Method: SM2540C	Prep Method: METHOD

QC1278597 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	476.0	474.0	mg/L		0	5	2

Type: Sample Duplicate	Lab ID: QC1278598	Batch: 377588
Matrix (Source ID): Water (538352-001)	Method: SM2540C	Prep Method: METHOD

QC1278598 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	824.0	834.0	mg/L		1	5	2

Batch QC

- * Value is outside QC limits
- E Response exceeds instrument's linear range
- ND Not Detected
- NM Not Meaningful

Laboratory Job Number 538223

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2507F53

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-538223

Project Location:

Project Received: 07/25/2025

Analytical Report reviewed & approved for release on 07/29/2025 by:

Ana Venegas
Project Manager

McC Campbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.



Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2507F53

Project: EO-538223

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit ¹
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit ²
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

¹ MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

² RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.



Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2507F53

Project: EO-538223

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	"Too Numerous to Count," greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

Analytical Qualifiers

b1 Aqueous sample that contains greater than ~1 vol. % sediment



Analytical Report

Client: Enthalpy Analytical
Date Received: 07/25/2025 9:54
Date Prepared: 07/25/2025
Project: EO-538223

WorkOrder: 2507F53
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FP-01	2507F53-001A	Water	07/22/2025 11:38	GC26 0725251106.D	322214

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	30,000	1000	1000	20	07/25/2025 14:29

Analyst(s): PRE

Analytical Comments: b1



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 07/25/2025
Date Analyzed: 07/25/2025
Instrument: GC26
Matrix: Water
Project: EO-538223

WorkOrder: 2507F53
BatchID: 322214
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-322214

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	140	140	187.2	74	75	70-130	1.41	30

McCampbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

☐ WaterTrax ☐ CLIP ☐ EDF

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2507F53

ClientCode: ENO

QuoteID: 252619

☐ EQulS ☐ Dry-Weight ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag
☐ Detection Summary ☒ Excel [A1_Standard_QC]

Report to:

Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 054515
Project: EO-538223

Bill to:

Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: 2 days;

Date Received: 07/25/2025

Date Logged: 07/25/2025

Lab ID	ClientSampleID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2507F53-001	FP-01	Water	7/22/2025 11:38	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Valerie Alfaro

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mcccampbell.com / E-mail: main@mcccampbell.com

WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL

Project: EO-538223

Work Order: 2507F53

Client Contact: Zach Barker

QC Level: LEVEL 2

Contact's Email: zach.barker@enthalpy.com

Comments

Date Logged: 7/25/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☒ Excel ☐ EQuIS ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	FP-01	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	7/22/2025 11:38	2 days	7/29/2025	1%+	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U** = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.

2507FS3



931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:

McC Campbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-538223

PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel
EDD

Notes:

Chiquita Canyon Landfill

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
FP-01	22-JUL-2025 11:38	538223-001	2	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	<i>[Signature]</i>	<i>FedEx</i>
	Date: 7-24-25 14:55	Date:
	<i>FedEx</i>	<i>[Signature]</i>
	Date: 7/25/25 0954	Date: 7/25/25 0954
	Date:	Date:

TN: 8830 4608 9440

3.2 net
12M



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-538223

Date and Time Received: 7/25/2025 09:54
Date Logged: 7/25/2025

WorkOrder №: 2507F53 Matrix:
Carrier: FedEx

Received by:
Logged by: Valerie Alfaro

Chain of Custody (COC) Information

Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Sample IDs noted by Client on COC?	Yes ☒	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☒	No ☐	
Sampler's name noted on COC?	Yes ☒	No ☐	
COC agrees with Quote?	Yes ☒	No ☐	NA ☐
COC quote NOT expired?	Yes ☐	No ☐	NA ☒

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☒	No ☐	NA ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	NA ☒
Shipping container/cooler in good condition?	Yes ☒	No ☐	
Samples in proper containers/bottles?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☒	No ☐	NA ☐
Samples Received on Ice?	Yes ☒	No ☐	

(Ice Type: WET ICE)

Sample/Temp Blank temperature	Temp: 3.2°C	NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☒ No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☒ No ☐	
pH acceptable upon receipt (Metal: <2)?	Yes ☐ No ☐	NA ☒

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐ No ☐	NA ☒
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes ☐ No ☐	NA ☒

Comments:



Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 539423
Report Level : II
Report Date : 08/20/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill

Authorized for release by:

Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197



Sample Summary

Steve Cassulo	Lab Job #:	539423
Waste Connections	Project No:	GW MONITORING
Chiquita Canyon Landfill	Location:	Chiquita Canyon Landfill
29201 Henry Mayo	Date Received:	08/06/25
Drive		
Castaic, CA 91384		

Sample ID	Lab ID	Collected	Matrix
DW-28	539423-001	08/06/25 08:27	Water
DW-8	539423-002	08/06/25 09:54	Water
DW-9	539423-003	08/06/25 11:09	Water
DW-29	539423-004	08/06/25 12:16	Water
QCFB	539423-005	08/06/25 09:57	Water
QCTB	539423-006	08/06/25 00:00	Water

Case Narrative

Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384
Steve Cassulo

Lab Job Number: 539423
Project No: GW MONITORING
Location: Chiquita Canyon
Landfill
Date Received: 08/06/25

This data package contains sample and QC results for six water samples, requested for the above referenced project on 08/06/25. The samples were received cold and intact.

Volatile Organics by GC/MS (EPA 8260B):

No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):

No analytical problems were encountered.

Metals (EPA 6010B):

No analytical problems were encountered.

Ion Chromatography (EPA 300.0):

- Responses exceeding the instrument's linear range were observed for chloride in the MS/MSD for batch 378634; affected data was qualified with "E".
- No other analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):

No analytical problems were encountered.

Alkalinity (SM2320B):

No analytical problems were encountered.

Sulfide (SM 4500-S2-D):

No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):

No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):

No analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):

- Low recovery was observed for ammonia-N in the MSD of DW-28 (lab # 539423-001); the LCS was within limits, and the associated RPD was within limits.
- Response exceeding the instrument's linear range was observed for ammonia-N in the MS of DW-8 (lab # 539423-002); affected data was qualified with "E".
- No other analytical problems were encountered.

RSK-175 CO2 (RSK-175):

McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.



Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868
(714) 771-6900

Chain of Custody Record

Lab No: 539423

Page: 1 of 1

Matrix: A = Air S = Soil/Solid
W = Water DW = Drinking Water SD = Sediment
PP = Pure Product SEA = Sea Water
SW = Swab T = Tissue WP = Wipe O = Other

Turn Around Time (rush by advanced notice only)

Standard: X 5 Day: 3 Day: Custom TAT:
1 Day:

Preservatives:
1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
4 = H₂SO₄ 5 = NaOH 6 = Other
Sample Receipt Temp:
(lab use only)

CUSTOMER INFORMATION				PROJECT INFORMATION				Analysis Request				Test Instructions / Comments			
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo	Matrix	Container No. / Size	Pres.	VOCs (EPA 8260B)	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO ₃	Ammonia-N, Nitrate-N	COD, Cl, SO ₄ , TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide
Report To:	Steve Cassulo	Number:	661-257-3655	Sampling Time	827	8/6/25	W	13	var.						
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:		Sampling Date	954										
Address:	29201 Henry Mayo Drive	Address:			1109										
	Castaic, CA, 91384				1216										
Phone:	661-257-3655	Global ID:	L10003464243		957										
Fax:		Sampled By:	Paul Chang												
Sample ID	DW-28	Sampling Date	8/6/25	Sampling Time	827	8/6/25	W	13	var.						
	DW-8				954										
	DW-9				1109										
	DW-29				1216										
	QC FB				957										
	QC TB														
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															

Login 539423

Quarterly MPars
cc report to:
pchang@changenvironmental.com Basic
EDD & GeoTracker EDF

Temp 4.0/10.0
IR-13

CUSTOMER INFORMATION		PROJECT INFORMATION		Analysis Request		Test Instructions / Comments	
Signature	Print Name	Company / Title	Date / Time				
	Paul Chang	CEI	8/6/25 13:15				
	Jim Lin	SA NH	8.6.25 13:15				
	Jim Lin	SA NH	8.7.25 13:12				
	James C.	EA NH	8.7.25 13:12				
	Lee Brown	entlpy	8-7-25 13:43 14:00				
	Lee Brown	entlpy	8-7-25 14:30				
	Adam Dinkmeyer	EA	8/7/25 14:30				

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 8-6-25 WO# _____ Client: Chiquita Canyon Landfill

Section 2: Shipping / Custody

Are custody seals present? ☐ Yes ☒ No

Custody seals intact on arrival? ☒ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

Shipping Info: Walk in or Pickup

Section 3a: Condition / Packaging

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 8-6-25 By (initials) JWL

Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR03 CF: -0.7C

Cooler Temp (°C) #1: 11.1 / 10.4 #2: _____ / _____ #3: _____ / _____ #4: _____ / _____ #5: _____ / _____ #6: _____ / _____

Section 3b: Microbiology Samples

☐ No microbiology samples submitted (skip 3b)

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples

☐ No air samples submitted (skip 3c)

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples

	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	<u>✓</u>		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	<u>✓</u>		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			<u>✓</u>
13) Are VOA vials free from headspace/bubbles > 6mm?			<u>✓</u>

Section 5: Explanations / Comments

☐ PM notified

Date Logged _____ By (print) _____ (sign) _____

Date Labeled _____ By (print) _____ (sign) _____

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 8/7/25 WO# 539423 Client: WASTE CONNECTIONS

Section 2: Shipping / Custody

Are custody seals present? ☐ Yes ☒ No

Custody seals intact on arrival? ☒ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

☒ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 8/7/25 By (initials) LXB Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR-13 CF: +0.0

Cooler Temp (°C) #1: 4.0 / 4.0 #2: _____ / _____ #3: _____ / _____ #4: _____ / _____ #5: _____ / _____ #6: _____ / _____

Section 3b: Microbiology Samples

☒ No microbiology samples submitted (skip 3b)

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples

☒ No air samples submitted (skip 3c)

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples

	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	☒		
2) Is the sampler's name present on the CoC?	☒		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	☒		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)			☒
5) Were all of, and only, the correct samples received?	☒		
6) Are sample labels present, legible, and in agreement with the CoC?	☒		
7) Does the container count match the CoC?	☒		
8) Was sufficient sample volume / mass received for the analyses requested?	☒		
9) Were samples received in proper containers for the analyses requested?	☒		
10) Were samples received with > 1/2 holding time remaining?	☒		
11) Are samples properly preserved as indicated by CoC / labels?	☒		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			☒
13) Are VOA vials free from headspace/bubbles > 6mm?	☒		

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

4.1% A service center courier did not relinquish.

☐ No additional discrepancies

Date Logged 8/7/25 By (print) FPD (sign) _____

Date Labeled 8/7/25 By (print) ER-OR (sign) _____

Analysis Results for 539423

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 539423
Project No: GW MONITORING
Location: Chiquita Canyon Landfill
Date Received: 08/06/25

Sample ID: DW-28

Lab ID: 539423-001

Collected: 08/06/25 08:27

Matrix: Water

539423-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	1.4		mg/L	0.20	0.073	1	378634	08/07/25 16:50	08/07/25 20:29	KUM
Chloride	35		mg/L	1.0	0.27	1	378634	08/07/25 16:50	08/07/25 20:29	KUM
Bromide	0.16	J	mg/L	0.30	0.060	1	378634	08/07/25 16:50	08/07/25 20:29	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	378634	08/07/25 16:50	08/07/25 20:29	KUM
Sulfate	460		mg/L	10	1.8	10	378634	08/07/25 16:50	08/08/25 06:37	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	0.35		mg/L	0.10	0.050	1	379437	08/16/25	08/18/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	3.0	J	mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	1.4		mg/L	0.050	0.0055	1	378693	08/08/25	08/08/25	DXC
Calcium	4.8		mg/L	1.0	0.57	1	378693	08/08/25	08/08/25	DXC
Iron	ND		mg/L	0.10	0.046	1	378693	08/08/25	08/08/25	DXC
Magnesium	0.81		mg/L	0.10	0.025	1	378693	08/08/25	08/08/25	DXC
Manganese	0.0039	J	mg/L	0.010	0.0029	1	378693	08/08/25	08/08/25	DXC
Potassium	1.2		mg/L	0.50	0.40	1	378693	08/08/25	08/08/25	DXC
Sodium	360		mg/L	0.60	0.35	1	378693	08/08/25	08/08/25	DXC
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	379387	08/16/25	08/16/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	379387	08/16/25	08/16/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Bromomethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Chloroethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Acetone	ND		ug/L	100	16	1	379387	08/16/25	08/16/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
MTBE	ND		ug/L	5.0	0.03	1	379387	08/16/25	08/16/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	379387	08/16/25	08/16/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST

Analysis Results for 539423

539423-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Benzene	ND		ug/L	5.0	0.04	1	379387	08/16/25	08/16/25	ZST
Trichloroethene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.7	1	379387	08/16/25	08/16/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Toluene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
m,p-Xylenes	ND		ug/L	10	0.09	1	379387	08/16/25	08/16/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Styrene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
Bromoform	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Bromobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.08	1	379387	08/16/25	08/16/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.04	1	379387	08/16/25	08/16/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	1	379387	08/16/25	08/16/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Naphthalene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379387	08/16/25	08/16/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379387	08/16/25	08/16/25	ZST
Surrogates				Limits						
Dibromofluoromethane	85%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST

Analysis Results for 539423

539423-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	93%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST
Toluene-d8	101%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST
Bromofluorobenzene	103%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

1,4-Dioxane	ND		ug/L	1.0	0.95	1	378679	08/08/25	08/09/25	ZFA
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Surrogates

Limits

1,4-Dioxane-d8 (SUR)	104%		%REC	80-120		1	378679	08/08/25	08/09/25	ZFA
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Method: SM 4500-S2-D

Prep Method: METHOD

Sulfide	ND		mg/L	0.10		1	378661	08/07/25	08/07/25	TXC
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Method: SM 5310B

Prep Method: SM 5310B

Total Organic Carbon	ND		mg/L	1.0	0.24	1	379402	08/15/25	08/19/25	CKN
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Method: SM2320B

Prep Method: METHOD

Alkalinity, Bicarbonate, as CaCO3	340		mg/L	5.0		2.5	378803	08/09/25	08/09/25	WWC
Alkalinity, Total as CaCO3	340		mg/L	5.0		2.5	378803	08/09/25	08/09/25	WWC

Method: SM2540C

Prep Method: METHOD

Total Dissolved Solids	1,200		mg/L	20		2	379001	08/12/25	08/14/25	RDL
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Analysis Results for 539423

Sample ID: DW-8
Lab ID: 539423-002
Collected: 08/06/25 09:54
Matrix: Water

539423-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.14	J	mg/L	0.20	0.073	1	378634	08/07/25 16:50	08/07/25 21:20	KUM
Chloride	66		mg/L	1.0	0.27	1	378634	08/07/25 16:50	08/07/25 21:20	KUM
Bromide	0.16	J	mg/L	0.30	0.060	1	378634	08/07/25 16:50	08/07/25 21:20	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	378634	08/07/25 16:50	08/07/25 21:20	KUM
Sulfate	2,800		mg/L	50	9.1	50	378634	08/07/25 16:50	08/08/25 07:10	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	0.99		mg/L	0.10	0.050	1	379437	08/16/25	08/18/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	3.0	J	mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	1.1		mg/L	0.050	0.0055	1	378693	08/08/25	08/08/25	DXC
Calcium	370		mg/L	1.0	0.57	1	378693	08/08/25	08/08/25	DXC
Iron	5.2		mg/L	0.10	0.046	1	378693	08/08/25	08/08/25	DXC
Magnesium	210		mg/L	0.10	0.025	1	378693	08/08/25	08/08/25	DXC
Manganese	0.068		mg/L	0.010	0.0029	1	378693	08/08/25	08/08/25	DXC
Potassium	7.3		mg/L	0.50	0.40	1	378693	08/08/25	08/08/25	DXC
Sodium	640		mg/L	0.60	0.35	1	378693	08/08/25	08/08/25	DXC
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	379387	08/16/25	08/16/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	379387	08/16/25	08/16/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Bromomethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Chloroethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Acetone	ND		ug/L	100	16	1	379387	08/16/25	08/16/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
MTBE	ND		ug/L	5.0	0.03	1	379387	08/16/25	08/16/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	379387	08/16/25	08/16/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST

Analysis Results for 539423

539423-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.04	1	379387	08/16/25	08/16/25	ZST
Trichloroethene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.7	1	379387	08/16/25	08/16/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Toluene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
m,p-Xylenes	ND		ug/L	10	0.09	1	379387	08/16/25	08/16/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Styrene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
Bromoform	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Bromobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.08	1	379387	08/16/25	08/16/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.04	1	379387	08/16/25	08/16/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	1	379387	08/16/25	08/16/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Naphthalene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379387	08/16/25	08/16/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379387	08/16/25	08/16/25	ZST
Surrogates			Limits							
Dibromofluoromethane	86%	%REC	70-130			1	379387	08/16/25	08/16/25	ZST
1,2-Dichloroethane-d4	95%	%REC	70-130			1	379387	08/16/25	08/16/25	ZST
Toluene-d8	101%	%REC	70-130			1	379387	08/16/25	08/16/25	ZST
Bromofluorobenzene	103%	%REC	70-130			1	379387	08/16/25	08/16/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 539423

539423-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	378679	08/08/25	08/09/25	ZFA
Surrogates			Limits							
1,4-Dioxane-d8 (SUR)	112%		%REC	80-120		1	378679	08/08/25	08/09/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	378661	08/07/25	08/07/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	2.7		mg/L	1.0	0.24	1	379402	08/15/25	08/19/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	190		mg/L	5.0	2.5	378803	08/09/25	08/09/25	08/09/25	WWC
Alkalinity, Total as CaCO3	190		mg/L	5.0	2.5	378803	08/09/25	08/09/25	08/09/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	4,800		mg/L	20		2	379001	08/12/25	08/14/25	RDL

Analysis Results for 539423

Sample ID: DW-9
Lab ID: 539423-003
Collected: 08/06/25 11:09
Matrix: Water

539423-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	2.2		mg/L	0.20	0.073	1	378634	08/07/25 16:50	08/07/25 22:10	KUM
Chloride	79		mg/L	1.0	0.27	1	378634	08/07/25 16:50	08/07/25 22:10	KUM
Bromide	0.22	J	mg/L	0.30	0.060	1	378634	08/07/25 16:50	08/07/25 22:10	KUM
Nitrogen, Nitrate	2.3		mg/L	0.10	0.05	1	378634	08/07/25 16:50	08/07/25 22:10	KUM
Sulfate	690		mg/L	10	1.8	10	378634	08/07/25 16:50	08/08/25 07:27	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	0.083	J	mg/L	0.10	0.050	1	379437	08/16/25	08/18/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	4.0		mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.61		mg/L	0.050	0.0055	1	378693	08/08/25	08/08/25	DXC
Calcium	22		mg/L	1.0	0.57	1	378693	08/08/25	08/08/25	DXC
Iron	ND		mg/L	0.10	0.046	1	378693	08/08/25	08/08/25	DXC
Magnesium	2.2		mg/L	0.10	0.025	1	378693	08/08/25	08/08/25	DXC
Manganese	ND		mg/L	0.010	0.0029	1	378693	08/08/25	08/08/25	DXC
Potassium	1.7		mg/L	0.50	0.40	1	378693	08/08/25	08/08/25	DXC
Sodium	390		mg/L	0.60	0.35	1	378693	08/08/25	08/08/25	DXC
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	379387	08/16/25	08/16/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	379387	08/16/25	08/16/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Bromomethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Chloroethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Acetone	ND		ug/L	100	16	1	379387	08/16/25	08/16/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
MTBE	ND		ug/L	5.0	0.03	1	379387	08/16/25	08/16/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	379387	08/16/25	08/16/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST

Analysis Results for 539423

539423-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.04	1	379387	08/16/25	08/16/25	ZST
Trichloroethene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.7	1	379387	08/16/25	08/16/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Toluene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
m,p-Xylenes	ND		ug/L	10	0.09	1	379387	08/16/25	08/16/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Styrene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
Bromoform	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Bromobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.08	1	379387	08/16/25	08/16/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.04	1	379387	08/16/25	08/16/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	1	379387	08/16/25	08/16/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Naphthalene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379387	08/16/25	08/16/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379387	08/16/25	08/16/25	ZST
Surrogates			Limits							
Dibromofluoromethane	85%	%REC	70-130			1	379387	08/16/25	08/16/25	ZST
1,2-Dichloroethane-d4	95%	%REC	70-130			1	379387	08/16/25	08/16/25	ZST
Toluene-d8	102%	%REC	70-130			1	379387	08/16/25	08/16/25	ZST
Bromofluorobenzene	104%	%REC	70-130			1	379387	08/16/25	08/16/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 539423

539423-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	378679	08/08/25	08/09/25	ZFA
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	97%		%REC	80-120		1	378679	08/08/25	08/09/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	378661	08/07/25	08/07/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	0.35	J	mg/L	1.0	0.24	1	379402	08/15/25	08/19/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	170		mg/L	5.0	2.5	378803	08/09/25	08/09/25	08/09/25	WWC
Alkalinity, Total as CaCO3	170		mg/L	5.0	2.5	378803	08/09/25	08/09/25	08/09/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,400		mg/L	20		2	379001	08/12/25	08/14/25	RDL

Analysis Results for 539423

Sample ID: DW-29
Lab ID: 539423-004
Collected: 08/06/25 12:16
Matrix: Water

539423-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.46		mg/L	0.20	0.073	1	378634	08/07/25 16:50	08/07/25 23:01	KUM
Chloride	89		mg/L	1.0	0.27	1	378634	08/07/25 16:50	08/07/25 23:01	KUM
Bromide	0.26	J	mg/L	0.30	0.060	1	378634	08/07/25 16:50	08/07/25 23:01	KUM
Nitrogen, Nitrate	2.5		mg/L	0.10	0.05	1	378634	08/07/25 16:50	08/07/25 23:01	KUM
Sulfate	340		mg/L	10	1.8	10	378634	08/07/25 16:50	08/08/25 07:44	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	379437	08/16/25	08/18/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	10		mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.36		mg/L	0.050	0.0055	1	378693	08/08/25	08/08/25	DXC
Calcium	66		mg/L	1.0	0.57	1	378693	08/08/25	08/08/25	DXC
Iron	0.071	J	mg/L	0.10	0.046	1	378693	08/08/25	08/08/25	DXC
Magnesium	9.0		mg/L	0.10	0.025	1	378693	08/08/25	08/08/25	DXC
Manganese	0.10		mg/L	0.010	0.0029	1	378693	08/08/25	08/08/25	DXC
Potassium	1.6		mg/L	0.50	0.40	1	378693	08/08/25	08/08/25	DXC
Sodium	230		mg/L	0.60	0.35	1	378693	08/08/25	08/08/25	DXC
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	379387	08/16/25	08/16/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	379387	08/16/25	08/16/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Bromomethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Chloroethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Acetone	ND		ug/L	100	16	1	379387	08/16/25	08/16/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
MTBE	ND		ug/L	5.0	0.03	1	379387	08/16/25	08/16/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	379387	08/16/25	08/16/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST

Analysis Results for 539423

539423-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.04	1	379387	08/16/25	08/16/25	ZST
Trichloroethene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.7	1	379387	08/16/25	08/16/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Toluene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
m,p-Xylenes	ND		ug/L	10	0.09	1	379387	08/16/25	08/16/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Styrene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
Bromoform	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Bromobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.08	1	379387	08/16/25	08/16/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.04	1	379387	08/16/25	08/16/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	1	379387	08/16/25	08/16/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Naphthalene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379387	08/16/25	08/16/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379387	08/16/25	08/16/25	ZST
Surrogates			Limits							
Dibromofluoromethane	85%	%REC	70-130			1	379387	08/16/25	08/16/25	ZST
1,2-Dichloroethane-d4	94%	%REC	70-130			1	379387	08/16/25	08/16/25	ZST
Toluene-d8	102%	%REC	70-130			1	379387	08/16/25	08/16/25	ZST
Bromofluorobenzene	103%	%REC	70-130			1	379387	08/16/25	08/16/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 539423

539423-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	378679	08/08/25	08/09/25	ZFA
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	102%		%REC	80-120		1	378679	08/08/25	08/09/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	378661	08/07/25	08/07/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	3.0		mg/L	1.0	0.24	1	379402	08/15/25	08/19/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	290		mg/L	5.0	2.5	378803	08/09/25	08/09/25	08/09/25	WWC
Alkalinity, Total as CaCO3	290		mg/L	5.0	2.5	378803	08/09/25	08/09/25	08/09/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	980		mg/L	20		2	379001	08/12/25	08/14/25	RDL

Analysis Results for 539423

Sample ID: QCFB
Lab ID: 539423-005
Collected: 08/06/25 09:57
Matrix: Water

539423-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	379387	08/16/25	08/16/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	379387	08/16/25	08/16/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Bromomethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Chloroethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Acetone	ND		ug/L	100	16	1	379387	08/16/25	08/16/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Methylene Chloride	0.3	J	ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
MTBE	ND		ug/L	5.0	0.03	1	379387	08/16/25	08/16/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	379387	08/16/25	08/16/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Chloroform	0.6	J	ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Benzene	ND		ug/L	5.0	0.04	1	379387	08/16/25	08/16/25	ZST
Trichloroethene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.7	1	379387	08/16/25	08/16/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Toluene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
m,p-Xylenes	ND		ug/L	10	0.09	1	379387	08/16/25	08/16/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Styrene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
Bromoform	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST

Analysis Results for 539423

539423-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Bromobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.08	1	379387	08/16/25	08/16/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.04	1	379387	08/16/25	08/16/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	1	379387	08/16/25	08/16/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Naphthalene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379387	08/16/25	08/16/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379387	08/16/25	08/16/25	ZST
Surrogates	Limits									
Dibromofluoromethane	86%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST
1,2-Dichloroethane-d4	93%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST
Toluene-d8	102%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST
Bromofluorobenzene	103%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST

Analysis Results for 539423

Sample ID: QCTB
Lab ID: 539423-006
Collected: 08/06/25
Matrix: Water

539423-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	379387	08/16/25	08/16/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	379387	08/16/25	08/16/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Bromomethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Chloroethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Acetone	ND		ug/L	100	16	1	379387	08/16/25	08/16/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Methylene Chloride	0.5	J	ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
MTBE	ND		ug/L	5.0	0.03	1	379387	08/16/25	08/16/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	379387	08/16/25	08/16/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Chloroform	0.7	J	ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Benzene	ND		ug/L	5.0	0.04	1	379387	08/16/25	08/16/25	ZST
Trichloroethene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.7	1	379387	08/16/25	08/16/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Toluene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
m,p-Xylenes	ND		ug/L	10	0.09	1	379387	08/16/25	08/16/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Styrene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
Bromoform	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST

Analysis Results for 539423

539423-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Bromobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.08	1	379387	08/16/25	08/16/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.04	1	379387	08/16/25	08/16/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	1	379387	08/16/25	08/16/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Naphthalene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379387	08/16/25	08/16/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379387	08/16/25	08/16/25	ZST
Surrogates	Limits									
Dibromofluoromethane	86%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST
1,2-Dichloroethane-d4	94%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST
Toluene-d8	102%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST
Bromofluorobenzene	103%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST

J Estimated value
ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1282153	Batch: 378634
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1282153 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	08/07/25 16:50	08/07/25 17:08
Chloride	ND		mg/L	1.0	0.27	08/07/25 16:50	08/07/25 17:08
Bromide	ND		mg/L	0.30	0.060	08/07/25 16:50	08/07/25 17:08
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	08/07/25 16:50	08/07/25 17:08
Sulfate	ND		mg/L	1.0	0.18	08/07/25 16:50	08/07/25 17:08

Type: Lab Control Sample	Lab ID: QC1282154	Batch: 378634
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1282154 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	10.94	10.00	mg/L	109%		90-110
Chloride	48.08	50.00	mg/L	96%		90-110
Bromide	15.12	15.00	mg/L	101%		90-110
Nitrogen, Nitrate	4.689	4.518	mg/L	104%		90-110
Sulfate	25.38	25.00	mg/L	102%		90-110

Type: Matrix Spike	Lab ID: QC1282155	Batch: 378634
Matrix (Source ID): Water (539416-016)	Method: EPA 300.0	Prep Method: METHOD

QC1282155 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	22.44	ND	20.00	mg/L	112%		80-129	1
Chloride	276.9	194.8	100.0	mg/L	82%	E	80-123	1
Bromide	15.31	0.3689	15.00	mg/L	100%		80-121	1
Nitrogen, Nitrate	9.287	ND	9.036	mg/L	103%		80-123	1
Sulfate	51.57	0.3206	50.00	mg/L	102%		79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1282156	Batch: 378634
Matrix (Source ID): Water (539416-016)	Method: EPA 300.0	Prep Method: METHOD

QC1282156 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	22.69	ND	20.00	mg/L	113%		80-129	1	21	1
Chloride	277.0	194.8	100.0	mg/L	82%	E	80-123		20	1
Bromide	15.42	0.3689	15.00	mg/L	100%		80-121	1	20	1
Nitrogen, Nitrate	9.383	ND	9.036	mg/L	104%		80-123	1	20	1
Sulfate	51.94	0.3206	50.00	mg/L	103%		79-124	1	20	1

Batch QC

Type: Matrix Spike	Lab ID: QC1282173	Batch: 378634
Matrix (Source ID): Water (539423-001)	Method: EPA 300.0	Prep Method: METHOD

QC1282173 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	22.80	1.412	20.00	mg/L	107%		80-129	1
Chloride	136.4	35.11	100.0	mg/L	101%		80-123	1
Bromide	14.65	0.1626	15.00	mg/L	97%		80-121	1
Nitrogen, Nitrate	9.127	ND	9.036	mg/L	101%		80-123	1
Sulfate	394.2	463.0	50.00	mg/L	-138%	E,NM	79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1282174	Batch: 378634
Matrix (Source ID): Water (539423-001)	Method: EPA 300.0	Prep Method: METHOD

QC1282174 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	23.66	1.412	20.00	mg/L	111%		80-129	4	21	1
Chloride	139.7	35.11	100.0	mg/L	105%		80-123	2	20	1
Bromide	15.14	0.1626	15.00	mg/L	100%		80-121	3	20	1
Nitrogen, Nitrate	9.434	ND	9.036	mg/L	104%		80-123	3	20	1
Sulfate	394.3	463.0	50.00	mg/L	-138%	E,NM	79-124		20	1

Type: Blank	Lab ID: QC1285032	Batch: 379437
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1285032 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	08/16/25	08/18/25

Type: Lab Control Sample	Lab ID: QC1285033	Batch: 379437
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1285033 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.024	1.000	mg/L	102%		90-110

Type: Matrix Spike	Lab ID: QC1285034	Batch: 379437
Matrix (Source ID): Water (539423-001)	Method: EPA 350.1	Prep Method: METHOD

QC1285034 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.253	0.3476	1.000	mg/L	91%		90-110	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1285035	Batch: 379437
Matrix (Source ID): Water (539423-001)	Method: EPA 350.1	Prep Method: METHOD

QC1285035 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.166	0.3476	1.000	mg/L	82%	*	90-110	7	20	1

Type: Matrix Spike	Lab ID: QC1285036	Batch: 379437
Matrix (Source ID): Water (539423-002)	Method: EPA 350.1	Prep Method: METHOD

QC1285036 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	2.004	0.9943	1.000	mg/L	101%	E	90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1285037	Batch: 379437
Matrix (Source ID): Water (539423-002)	Method: EPA 350.1	Prep Method: METHOD

QC1285037 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.893	0.9943	1.000	mg/L	90%		90-110		20	1

Type: Blank	Lab ID: QC1284339	Batch: 379259
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1284339 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	08/14/25	08/14/25

Type: Lab Control Sample	Lab ID: QC1284340	Batch: 379259
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1284340 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	100.0	100.0	mg/L	100%		90-110

Type: Matrix Spike	Lab ID: QC1284341	Batch: 379259
Matrix (Source ID): Water (539423-001)	Method: EPA 410.4	Prep Method: METHOD

QC1284341 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	102.0	3.000	100.0	mg/L	99%		75-125	2

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1284342	Batch: 379259
Matrix (Source ID): Water (539423-001)	Method: EPA 410.4	Prep Method: METHOD

QC1284342 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Chemical Oxygen Demand	100.0	3.000	100.0	mg/L	97%		75-125	2	20	2

Type: Matrix Spike	Lab ID: QC1284343	Batch: 379259
Matrix (Source ID): Water (539738-001)	Method: EPA 410.4	Prep Method: METHOD

QC1284343 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	88.00	ND	100.0	mg/L	88%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1284344	Batch: 379259
Matrix (Source ID): Water (539738-001)	Method: EPA 410.4	Prep Method: METHOD

QC1284344 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Chemical Oxygen Demand	88.00	ND	100.0	mg/L	88%		75-125	0	20	2

Type: Blank	Lab ID: QC1282392	Batch: 378693
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1282392 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	08/08/25	08/08/25
Calcium	ND		mg/L	0.57	0.57	08/08/25	08/08/25
Iron	ND		mg/L	0.046	0.046	08/08/25	08/08/25
Magnesium	ND		mg/L	0.10	0.025	08/08/25	08/08/25
Manganese	ND		mg/L	0.010	0.0029	08/08/25	08/08/25
Potassium	ND		mg/L	0.50	0.40	08/08/25	08/08/25
Sodium	ND		mg/L	0.50	0.35	08/08/25	08/08/25

Type: Lab Control Sample	Lab ID: QC1282393	Batch: 378693
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1282393 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.4010	0.4000	mg/L	100%		80-120
Calcium	20.21	20.40	mg/L	99%		80-120
Iron	0.3931	0.4000	mg/L	98%		80-120
Magnesium	20.50	20.40	mg/L	101%		80-120
Manganese	0.4035	0.4000	mg/L	101%		80-120
Potassium	24.06	24.00	mg/L	100%		80-120
Sodium	20.10	20.40	mg/L	99%		80-120

Batch QC

Type: Blank	Lab ID: QC1282404	Batch: 378693
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1282404 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	08/08/25	08/08/25
Calcium	ND		mg/L	0.57	0.57	08/08/25	08/08/25
Iron	ND		mg/L	0.046	0.046	08/08/25	08/08/25
Magnesium	ND		mg/L	0.10	0.025	08/08/25	08/08/25
Manganese	ND		mg/L	0.010	0.0029	08/08/25	08/08/25
Potassium	ND		mg/L	0.50	0.40	08/08/25	08/08/25
Sodium	ND		mg/L	0.50	0.35	08/08/25	08/08/25

Type: Matrix Spike	Lab ID: QC1282405	Batch: 378693
Matrix (Source ID): Water (539501-012)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1282405 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.3937	ND	0.4000	mg/L	98%		75-125	1
Calcium	19.69	ND	20.40	mg/L	97%		75-125	1
Iron	0.3902	ND	0.4000	mg/L	98%		75-125	1
Magnesium	20.01	ND	20.40	mg/L	98%		75-125	1
Manganese	0.3930	ND	0.4000	mg/L	98%		75-125	1
Potassium	23.45	ND	24.00	mg/L	98%		75-125	1
Sodium	19.60	ND	20.40	mg/L	96%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1282406	Batch: 378693
Matrix (Source ID): Water (539501-012)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1282406 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.3944	ND	0.4000	mg/L	99%		75-125	0	20	1
Calcium	19.75	ND	20.40	mg/L	97%		75-125	0	20	1
Iron	0.3907	ND	0.4000	mg/L	98%		75-125	0	22	1
Magnesium	20.06	ND	20.40	mg/L	98%		75-125	0	20	1
Manganese	0.3920	ND	0.4000	mg/L	98%		75-125	0	20	1
Potassium	23.39	ND	24.00	mg/L	97%		75-125	0	20	1
Sodium	19.58	ND	20.40	mg/L	96%		75-125	0	20	1

Batch QC

Type: Serial Dilution	Lab ID: QC1282440	Batch: 378693
Matrix (Source ID): Water (539539-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1282440 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	84.08	82.11	mg/L				50
Calcium	6,369	5949	mg/L				50
Iron	836.5	776.6	mg/L				50
Magnesium	785.5	749.4	mg/L				50
Manganese	37.80	35.99	mg/L				50
Potassium	1,556	1632	mg/L				50
Sodium	4,884	4836	mg/L				50

Type: Lab Control Sample	Lab ID: QC1284868	Batch: 379387
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1284868 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	45.80	50.00	ug/L	92%		69-128
MTBE	42.65	50.00	ug/L	85%		66-125
Benzene	53.75	50.00	ug/L	108%		76-121
Trichloroethene	52.77	50.00	ug/L	106%		76-124
Toluene	50.70	50.00	ug/L	101%		76-120
Chlorobenzene	53.22	50.00	ug/L	106%		78-120
Surrogates						
Dibromofluoromethane	43.39	50.00	ug/L	87%		70-130
1,2-Dichloroethane-d4	47.77	50.00	ug/L	96%		70-130
Toluene-d8	50.03	50.00	ug/L	100%		70-130
Bromofluorobenzene	49.21	50.00	ug/L	98%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1284869	Batch: 379387
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1284869 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	46.95	50.00	ug/L	94%		69-128	2	23
MTBE	42.22	50.00	ug/L	84%		66-125	1	22
Benzene	54.65	50.00	ug/L	109%		76-121	2	21
Trichloroethene	53.34	50.00	ug/L	107%		76-124	1	22
Toluene	50.64	50.00	ug/L	101%		76-120	0	21
Chlorobenzene	53.35	50.00	ug/L	107%		78-120	0	20
Surrogates								
Dibromofluoromethane	44.34	50.00	ug/L	89%		70-130		
1,2-Dichloroethane-d4	48.72	50.00	ug/L	97%		70-130		
Toluene-d8	49.55	50.00	ug/L	99%		70-130		
Bromofluorobenzene	49.89	50.00	ug/L	100%		70-130		

Batch QC

Type: Matrix Spike	Lab ID: QC1284894	Batch: 379387
Matrix (Source ID): Water (539403-005)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1284894 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	17.73	0.2395	20.00	ug/L	87%		62-131	1
MTBE	16.59	ND	20.00	ug/L	83%		61-124	1
Benzene	21.20	ND	20.00	ug/L	106%		70-123	1
Trichloroethene	71.69	117.8	20.00	ug/L	-231%	NM	65-131	1
Toluene	19.59	ND	20.00	ug/L	98%		69-120	1
Chlorobenzene	21.31	ND	20.00	ug/L	107%		72-121	1
Surrogates								
Dibromofluoromethane	43.39		50.00	ug/L	87%		70-130	1
1,2-Dichloroethane-d4	48.21		50.00	ug/L	96%		70-130	1
Toluene-d8	49.83		50.00	ug/L	100%		70-130	1
Bromofluorobenzene	49.72		50.00	ug/L	99%		70-130	1

Type: Matrix Spike Duplicate	Lab ID: QC1284895	Batch: 379387
Matrix (Source ID): Water (539403-005)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1284895 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	19.02	0.2395	20.00	ug/L	94%		62-131	7	31	1
MTBE	18.13	ND	20.00	ug/L	91%		61-124	9	30	1
Benzene	22.58	ND	20.00	ug/L	113%		70-123	6	31	1
Trichloroethene	79.06	117.8	20.00	ug/L	-194%	NM	65-131	10	31	1
Toluene	21.02	ND	20.00	ug/L	105%		69-120	7	29	1
Chlorobenzene	22.69	ND	20.00	ug/L	113%		72-121	6	29	1
Surrogates										
Dibromofluoromethane	43.89		50.00	ug/L	88%		70-130			1
1,2-Dichloroethane-d4	49.04		50.00	ug/L	98%		70-130			1
Toluene-d8	49.92		50.00	ug/L	100%		70-130			1
Bromofluorobenzene	49.26		50.00	ug/L	99%		70-130			1

Batch QC

Type: Blank	Lab ID: QC1284898	Batch: 379387
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1284898 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.3	08/15/25	08/15/25
Freon 12	ND		ug/L	5.0	0.2	08/15/25	08/15/25
Chloromethane	ND		ug/L	5.0	0.4	08/15/25	08/15/25
Vinyl Chloride	ND		ug/L	5.0	0.2	08/15/25	08/15/25
Bromomethane	ND		ug/L	5.0	0.2	08/15/25	08/15/25
Chloroethane	ND		ug/L	5.0	0.2	08/15/25	08/15/25
Trichlorofluoromethane	ND		ug/L	5.0	0.2	08/15/25	08/15/25
Acetone	ND		ug/L	100	16	08/15/25	08/15/25
Freon 113	ND		ug/L	5.0	0.1	08/15/25	08/15/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	08/15/25	08/15/25
Methylene Chloride	ND		ug/L	5.0	0.2	08/15/25	08/15/25
MTBE	ND		ug/L	5.0	0.03	08/15/25	08/15/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.06	08/15/25	08/15/25
1,1-Dichloroethane	ND		ug/L	5.0	0.05	08/15/25	08/15/25
2-Butanone	ND		ug/L	100	1.3	08/15/25	08/15/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.05	08/15/25	08/15/25
2,2-Dichloropropane	ND		ug/L	5.0	0.1	08/15/25	08/15/25
Chloroform	ND		ug/L	5.0	0.1	08/15/25	08/15/25
Bromochloromethane	ND		ug/L	5.0	0.1	08/15/25	08/15/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.07	08/15/25	08/15/25
1,1-Dichloropropene	ND		ug/L	5.0	0.1	08/15/25	08/15/25
Carbon Tetrachloride	ND		ug/L	5.0	0.09	08/15/25	08/15/25
1,2-Dichloroethane	ND		ug/L	5.0	0.06	08/15/25	08/15/25
Benzene	ND		ug/L	5.0	0.04	08/15/25	08/15/25
Trichloroethene	ND		ug/L	5.0	0.09	08/15/25	08/15/25
1,2-Dichloropropane	ND		ug/L	5.0	0.1	08/15/25	08/15/25
Bromodichloromethane	ND		ug/L	5.0	0.07	08/15/25	08/15/25
Dibromomethane	ND		ug/L	5.0	0.1	08/15/25	08/15/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.7	08/15/25	08/15/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	08/15/25	08/15/25
Toluene	ND		ug/L	5.0	0.2	08/15/25	08/15/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	08/15/25	08/15/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	08/15/25	08/15/25
1,3-Dichloropropane	ND		ug/L	5.0	0.05	08/15/25	08/15/25
Tetrachloroethene	ND		ug/L	5.0	0.1	08/15/25	08/15/25
Dibromochloromethane	ND		ug/L	5.0	0.06	08/15/25	08/15/25
1,2-Dibromoethane	ND		ug/L	5.0	0.06	08/15/25	08/15/25
Chlorobenzene	ND		ug/L	5.0	0.07	08/15/25	08/15/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.05	08/15/25	08/15/25
Ethylbenzene	ND		ug/L	5.0	0.05	08/15/25	08/15/25
m,p-Xylenes	ND		ug/L	10	0.09	08/15/25	08/15/25
o-Xylene	ND		ug/L	5.0	0.06	08/15/25	08/15/25
Styrene	ND		ug/L	5.0	0.09	08/15/25	08/15/25
Bromoform	ND		ug/L	5.0	0.09	08/15/25	08/15/25
Isopropylbenzene	ND		ug/L	5.0	0.06	08/15/25	08/15/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	08/15/25	08/15/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.1	08/15/25	08/15/25

Batch QC

QC1284898 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.05	08/15/25	08/15/25
Bromobenzene	ND		ug/L	5.0	0.09	08/15/25	08/15/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.05	08/15/25	08/15/25
2-Chlorotoluene	ND		ug/L	5.0	0.06	08/15/25	08/15/25
4-Chlorotoluene	ND		ug/L	5.0	0.05	08/15/25	08/15/25
tert-Butylbenzene	ND		ug/L	5.0	0.06	08/15/25	08/15/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.08	08/15/25	08/15/25
sec-Butylbenzene	ND		ug/L	5.0	0.07	08/15/25	08/15/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.06	08/15/25	08/15/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	08/15/25	08/15/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	08/15/25	08/15/25
n-Butylbenzene	ND		ug/L	5.0	0.04	08/15/25	08/15/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.09	08/15/25	08/15/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	08/15/25	08/15/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	08/15/25	08/15/25
Hexachlorobutadiene	ND		ug/L	5.0	0.1	08/15/25	08/15/25
Naphthalene	ND		ug/L	5.0	0.2	08/15/25	08/15/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	08/15/25	08/15/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	08/15/25	08/15/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	08/15/25	08/15/25
Xylene (total)	ND		ug/L	5.0		08/15/25	08/15/25
Surrogates	Limits						
Dibromofluoromethane	87%		%REC	70-130		08/15/25	08/15/25
1,2-Dichloroethane-d4	95%		%REC	70-130		08/15/25	08/15/25
Toluene-d8	101%		%REC	70-130		08/15/25	08/15/25
Bromofluorobenzene	103%		%REC	70-130		08/15/25	08/15/25

Type: Blank	Lab ID: QC1282327	Batch: 378679
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1282327 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.95	08/08/25	08/09/25
Surrogates	Limits						
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		08/08/25	08/09/25

Type: Lab Control Sample	Lab ID: QC1282328	Batch: 378679
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1282328 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	9.657	10.00	ug/L	97%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.06	10.00	ug/L	101%		80-120

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1282329	Batch: 378679
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1282329 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	10.77	10.00	ug/L	108%		79-120	11	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.27	10.00	ug/L	103%		80-120		

Type: Matrix Spike	Lab ID: QC1282584	Batch: 378679
Matrix (Source ID): Water (539499-009)	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1282584 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,4-Dioxane	9.756	ND	10.00	ug/L	98%		69-120	1
Surrogates								
1,4-Dioxane-d8 (SUR)	10.81		10.00	ug/L	108%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1282585	Batch: 378679
Matrix (Source ID): Water (539499-009)	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1282585 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,4-Dioxane	10.49	ND	10.00	ug/L	105%		69-120	7	30	1
Surrogates										
1,4-Dioxane-d8 (SUR)	10.66		10.00	ug/L	107%		80-120			1

Type: Blank	Lab ID: QC1282253	Batch: 378661
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1282253 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		08/07/25	08/07/25

Type: Lab Control Sample	Lab ID: QC1282254	Batch: 378661
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1282254 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1282255	Batch: 378661
Matrix (Source ID): Water (539423-004)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1282255 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1282256	Batch: 378661
Matrix (Source ID): Water (539423-004)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1282256 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	0	20	1

Type: Blank	Lab ID: QC1284915	Batch: 379402
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1284915 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.24	08/15/25	08/18/25

Type: Lab Control Sample	Lab ID: QC1284916	Batch: 379402
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1284916 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	24.13	25.00	mg/L	97%		85-115

Type: Matrix Spike	Lab ID: QC1284917	Batch: 379402
Matrix (Source ID): Water (539271-003)	Method: SM 5310B	Prep Method: SM 5310B

QC1284917 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	27.63	1.762	25.00	mg/L	103%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1284918	Batch: 379402
Matrix (Source ID): Water (539271-003)	Method: SM 5310B	Prep Method: SM 5310B

QC1284918 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	27.35	1.762	25.00	mg/L	102%		75-125	1	25	1

Type: Blank	Lab ID: QC1282801	Batch: 378803
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1282801 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		08/09/25	08/09/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		08/09/25	08/09/25

Type: Lab Control Sample	Lab ID: QC1282802	Batch: 378803
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1282802 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	978.5	1000	mg/L	98%		90-110

Batch QC

Type: Sample Duplicate	Lab ID: QC1283158	Batch: 378803
Matrix (Source ID): Water (539463-002)	Method: SM2320B	Prep Method: METHOD

QC1283158 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	604.2	591.6	mg/L		2	20	5
Alkalinity, Total as CaCO ₃	604.2	591.6	mg/L		2	20	5

Type: Blank	Lab ID: QC1283502	Batch: 379001
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1283502 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	10		08/12/25	08/14/25

Type: Lab Control Sample	Lab ID: QC1283503	Batch: 379001
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1283503 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	989.0	1000	mg/L	99%		90-110

Type: Sample Duplicate	Lab ID: QC1283506	Batch: 379001
Matrix (Source ID): Water (539296-001)	Method: SM2540C	Prep Method: METHOD

QC1283506 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	780.0	762.0	mg/L		2	5	2

Type: Sample Duplicate	Lab ID: QC1283507	Batch: 379001
Matrix (Source ID): Water (539477-004)	Method: SM2540C	Prep Method: METHOD

QC1283507 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	1,248	1186	mg/L		5	5	2

* Value is outside QC limits
 E Response exceeds instrument's linear range
 ND Not Detected
 NM Not Meaningful

Laboratory Job Number 539423

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2508652

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 054515

Project: EO-539423

Project Location:

Project Received: 08/12/2025

Analytical Report reviewed & approved for release on 08/14/2025 by:

Ana Venegas
Project Manager

McC Campbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.





Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical**WorkOrder:** 2508652**Project:** EO-539423

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit ¹
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit ²
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

¹ MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

² RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.



Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2508652

Project: EO-539423

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	"Too Numerous to Count," greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Analytical Report

Client: Enthalpy Analytical
Date Received: 08/12/2025 9:46
Date Prepared: 08/12/2025
Project: EO-539423

WorkOrder: 2508652
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-28	2508652-001A	Water	08/06/2025 08:27	GC26 0812251204.D	323507

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	1200	50	50	1	08/12/2025 15:00

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-8	2508652-002A	Water	08/06/2025 09:54	GC26 0812251205.D	323507

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	34,000	2000	2000	40	08/12/2025 15:31

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-9	2508652-003A	Water	08/06/2025 11:09	GC26 0812251206.D	323507

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	940	50	50	1	08/12/2025 16:18

Analyst(s): CLO

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 08/12/2025 9:46
Date Prepared: 08/12/2025
Project: EO-539423

WorkOrder: 2508652
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-29	2508652-004A	Water	08/06/2025 12:16	GC26 0812251207.D	323507

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	9700	500	500	10	08/12/2025 17:14

Analyst(s): CLO



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 08/12/2025
Date Analyzed: 08/12/2025
Instrument: GC26
Matrix: Water
Project: EO-539423

WorkOrder: 2508652
BatchID: 323507
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-323507

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	160	160	187.2	85	88	70-130	3.22	30

McCampbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

☐ WaterTrax ☐ CLIP ☐ EDF

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2508652

ClientCode: ENO

☐ EQuIS ☐ Dry-Weight ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag
☐ Detection Summary ☒ Excel [A1_Standard_QC]

Report to:

Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party:
PO: 054515
Project: EO-539423

Bill to:

Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: 1 day;

Date Received: 08/12/2025

Date Logged: 08/12/2025

Lab ID	ClientSampleID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2508652-001	DW-28	Water	8/6/2025 08:27	☐	A	A										
2508652-002	DW-8	Water	8/6/2025 09:54	☐	A	A										
2508652-003	DW-9	Water	8/6/2025 11:09	☐	A	A										
2508652-004	DW-29	Water	8/6/2025 12:16	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Lilly Ortiz

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL

Project: EO-539423

Work Order: 2508652

Client Contact: Zach Barker

QC Level: LEVEL 2

Contact's Email: zach.barker@enthalpy.com

Comments

Date Logged: 8/12/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☒ Excel ☐ EQulS ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-28	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	8/6/2025 8:27	1 day	8/13/2025	None	☐	☐
002A	DW-8	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	8/6/2025 9:54	1 day	8/13/2025	Present	☐	☐
003A	DW-9	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	8/6/2025 11:09	1 day	8/13/2025	None	☐	☐
004A	DW-29	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	8/6/2025 12:16	1 day	8/13/2025	Present	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U** = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.

Subcontract Laboratory:

McC Campbell Analytical, Inc.
 1534 Willow Pass Rd.
 Pittsburg, CA 94565
 ATTN: Quote ID: 252619
 PO #: PO-079649

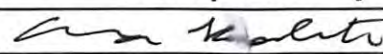
Enthalpy Order: EO-539423

PM: Zach Barker
 Email: zach.barker@enthalpy.com
 CC: incomingreports@enthalpy.com
 Phone: (714) 771-6900

Results Due: Standard TAT
 Report Level: II
 Report To: MDL
 EDDs: Standard Excel
 EDD

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-28	06-AUG-2025 08:27	539423-001	3	Water	RSK-175 CO2	
DW-8	06-AUG-2025 09:54	539423-002	3	Water	RSK-175 CO2	
DW-9	06-AUG-2025 11:09	539423-003	3	Water	RSK-175 CO2	
DW-29	06-AUG-2025 12:16	539423-004	3	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
		
	Date: 8-11-25 14:41	Date: 8/12/25 09:46
		3. Inet 11241
	Date:	Date:
	Date:	Date:



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-539423

Date and Time Received: 8/12/2025 09:46

Date Logged: 8/12/2025

Received by: Lilly Ortiz

Logged by: Lilly Ortiz

WorkOrder №: 2508652 Matrix: Water
Carrier: FedEx

Chain of Custody (COC) Information

Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Sample IDs noted by Client on COC?	Yes ☒	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☒	No ☐	
Sampler's name noted on COC?	Yes ☐	No ☒	
COC agrees with Quote?	Yes ☐	No ☐	NA ☒
COC quote NOT expired?	Yes ☐	No ☐	NA ☒

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	NA ☒
Shipping container/cooler in good condition?	Yes ☒	No ☐	
Samples in proper containers/bottles?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☒	No ☐	NA ☐
Samples Received on Ice?	Yes ☒	No ☐	

(Ice Type: WET ICE)

Sample/Temp Blank temperature	Temp: 3.1°C	NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☒ No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☒ No ☐	
pH acceptable upon receipt (Metal: <2)?	Yes ☐ No ☐	NA ☒

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐ No ☐	NA ☒
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes ☐ No ☐	NA ☒

Comments:



Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 539492
Report Level : II
Report Date : 08/25/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill / Quarterly MPars

Authorized for release by:

Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197



Sample Summary

Steve Cassulo	Lab Job #:	539492
Waste Connections	Project No:	GW MONITORING
Chiquita Canyon Landfill	Location:	Chiquita Canyon Landfill / Quarterly MPars
29201 Henry Mayo	Date Received:	08/07/25
Drive		
Castaic, CA 91384		

Sample ID	Lab ID	Collected	Matrix
DW-12	539492-001	08/07/25 08:21	Water
DW-7	539492-002	08/07/25 09:28	Water
DW-18	539492-003	08/07/25 10:32	Water
DW-21	539492-004	08/07/25 11:17	Water
DW-15	539492-005	08/07/25 12:34	Water
QCFB	539492-006	08/07/25 10:34	Water
QCTB	539492-007	08/07/25 00:00	Water

Case Narrative

Waste Connections	Lab Job Number: 539492
Chiquita Canyon Landfill	Project No: GW MONITORING
29201 Henry Mayo Drive	Location: Chiquita Canyon Landfill / Quarterly
Castaic, CA 91384	MPars
Steve Cassulo	Date Received: 08/07/25

This data package contains sample and QC results for seven water samples, requested for the above referenced project on 08/08/25. The samples were received in good condition.

Volatile Organics by GC/MS (EPA 8260B):

- High recovery was observed for MTBE in the MSD for batch 379502; the parent sample was not a project sample, the BS/BSD were within limits, and this analyte was not detected at or above the RL in the associated samples. High RPD was observed for many analytes in the MS/MSD for batch 379502; the RPD was acceptable in the BS/BSD, and these analytes were not detected at or above the RL in the associated samples.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):

- Total organic carbon was detected between the MDL and the RL in the method blank for batch 379838; this analyte was either not detected in samples at or above the RL, or detected at a level at least 10 times that of the blank.
- No other analytical problems were encountered.

Metals (EPA 6010B):

No analytical problems were encountered.

Ion Chromatography (EPA 300.0):

- Responses exceeding the instrument's linear range were observed for sulfate in the MS/MSD for batch 378738; affected data was qualified with "E".
- Nitrogen, nitrate was analyzed outside of hold time; affected data was qualified with "H".
- No other analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):

No analytical problems were encountered.

Alkalinity (SM2320B):

No analytical problems were encountered.

Sulfide (SM 4500-S2-D):

No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):

No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):

No analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):

- Low recovery was observed for ammonia-N in the MSD of DW-28 (lab # 539423-001); the LCS was within limits, and the associated RPD was within limits.
- High recovery was observed for ammonia-N in the MSD for batch 379670; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- Low recoveries were observed for ammonia-N in the MS/MSD for batch 379670; the parent sample was not a project sample, and the LCS was within limits. High RPD was also observed for ammonia-N.
- Response exceeding the instrument's linear range was observed for ammonia-N in the MS of DW-8 (lab # 539423-002); affected data was qualified with "E".
- No other analytical problems were encountered.

RSK-175 CO2 (RSK-175):

McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.

ENTHALPY ANALYTICAL				Chain of Custody Record				Turn Around Time (rush by advanced notice only)									
				Lab No: 539492		Page: 1 of 1		Standard:		X		5 Day:		3 Day:			
Enthalpy Analytical 931 W Barkely Ave, Orange, CA 92868 (714) 771-6900				Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other				Preservatives: 1 = Na ₂ S ₂ O ₃ 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other				Sample Receipt Temp: 1/21/11 0.8/0.9 10/1/11 (lab use only)					
														2 Day:		1 Day:	
CUSTOMER INFORMATION				PROJECT INFORMATION				Analysis Request						Test Instructions / Comments			
Company: Chiquita Canyon Landfill		Name: Steve Cassulo		VOCs (EPA 8260B) 1,4-Dioxane Alkalinity, total Bicarbonate as CaCO3 Ammonia-N, Nitrate-N COD, Cl, SO4, TDS, TOC B, Ca, Fe, K, Mg, Mn, Na Bromide, Fluoride, Sulfide Carbon dioxide								Quarterly MPars cc report to: pchang@changenvironmental.com Basic EDD & GeoTracker EDF					
Report To: Steve Cassulo		Number: 661-257-3655															
Email: Steven.Cassulo@wasteconnections.com		P.O. #:															
Address: 29201 Henry Mayo Drive		Address:															
Castaic, CA, 91384																	
Phone: 661-257-3655		Global ID: L10003464243															
Fax:		Sampled By: Paul Chang															
Sample ID		Sampling Date		Sampling Time		Matrix		Container No. / Size		Pres.							
1 DW-12		8/7/25		821		W		13		var.		X X X X X X X X X X					
2 DW-7		↓		928		↓		↓		↓		X X X X X X X X X X					
3 DW-18		↓		1032		↓		↓		↓		X X X X X X X X X X					
4 DW-21		↓		1117		↓		↓		↓		X X X X X X X X X X					
5 DW-15		↓		1234		↓		↓		↓		X X X X X X X X X X					
6 QCFB		↓		1034		↓		3		↓		X					
7 QCTB		-		-		↓		2		↓		X					
8																	
9																	
10																	
		Signature		Print Name		Company / Title		Date / Time									
1 Relinquished By:				Paul Chang		CEL		8/7/25 13:50									
1 Received By:				Alice Tabasarian		EA/NIH		8/7/25 13:50									
2 Relinquished By:				Alice Tabasarian		EA/NIH		8-8-25 9:10									
2 Received By:				GEMHAO		EA/NIH		8-8-25 9:10									
3 Relinquished By:				GEMHAO		EA/NIH		8-8-25 12:15									
3 Received By:				JXR		EA		8-8-25 12:15									

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 8/2/25 WO# 539492 Client: Chiquita Canyon Landfill

Section 2: Shipping / Custody

Are custody seals present? ☒ Yes ☐ No

Custody seals intact on arrival? ☐ N/A ☒ Yes ☐ No ☐ On cooler / box ☐ On samples

Shipping Info: walk-in

Section 3a: Condition / Packaging

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 8/2/25 By (initials) AXT Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None

☒ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: 1K03 CF: 0.7

Cooler Temp (°C) #1: 14.2/13.5 #2: _____ / _____ #3: _____ / _____ #4: _____ / _____ #5: _____ / _____ #6: _____ / _____

Section 3b: Microbiology Samples

☒ No microbiology samples submitted (skip 3b)

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples

☒ No air samples submitted (skip 3c)

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples

	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	X		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?		X	
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

Section 5: Explanations / Comments

☐ PM notified

Date Logged _____ By (print) _____ (sign) _____
 Date Labeled _____ By (print) _____ (sign) _____

Date Received: 8/8/25 WO# 539492 Client: WASTECONNECTIONS

Are custody seals present? ☐ Yes ☒ No

Custody seals intact on arrival? ☒ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

☒ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 8/7/58 By (initials) JKJ Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR 11 CF: 40.1

Cooler Temp (°C) #1: 0.8 / 0.9 #2: 1.0 / 1.1 #3: _____ / _____ #4: _____ / _____ #5: _____ / _____ #6: _____ / _____

☒ No microbiology samples submitted (skip 3b)

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

☐ No air samples submitted (skip 3c)☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

YES	NO	N/A
-----	----	-----

1) Were custody papers present, filled properly, and legible?

2) Is the sampler's name present on the CoC?

3) Were containers received in good condition (unbroken / unopened / uncompromised)?

4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)

5) Were all of, and only, the correct samples received?

6) Are sample labels present, legible, and in agreement with the CoC?

7) Does the container count match the CoC?

8) Was sufficient sample volume / mass received for the analyses requested?

9) Were samples received in proper containers for the analyses requested?

10) Were samples received with $> 1/2$ holding time remaining?

11) Are samples properly preserved as indicated by CoC / labels?

12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?

13) Are VOA vials free from headspace/bubbles > 6mm?

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

☐ No additional discrepancies

Date Logged 8/7/25 By (print) AXT (sign)

Date Labeled 8/8/25 By (print) EA (sign)

Analysis Results for 539492

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 539492
Project No: GW MONITORING
Location: Chiquita Canyon Landfill / Quarterly MPars
Date Received: 08/07/25

Sample ID: DW-12

Lab ID: 539492-001

Collected: 08/07/25 08:21

Matrix: Water

539492-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.68		mg/L	0.20	0.073	1	378738	08/08/25 15:40	08/08/25 17:46	AJL
Chloride	200		mg/L	1.0	0.27	1	378738	08/08/25 15:40	08/08/25 17:46	AJL
Bromide	0.67		mg/L	0.30	0.060	1	378738	08/08/25 15:40	08/08/25 17:46	AJL
Nitrogen, Nitrate	4.0		mg/L	0.10	0.05	1	378738	08/08/25 15:40	08/08/25 17:46	AJL
Sulfate	310		mg/L	10	1.8	10	378738	08/08/25 15:40	08/08/25 18:02	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	379670	08/19/25	08/20/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.20		mg/L	0.050	0.0062	1	378796	08/09/25	08/10/25	KCD
Calcium	23		mg/L	1.0	0.57	1	378796	08/09/25	08/10/25	KCD
Iron	ND		mg/L	0.10	0.041	1	378796	08/09/25	08/10/25	KCD
Magnesium	2.8		mg/L	0.10	0.025	1	378796	08/09/25	08/10/25	KCD
Manganese	ND		mg/L	0.010	0.0029	1	378796	08/09/25	08/10/25	KCD
Potassium	1.7		mg/L	0.50	0.42	1	378796	08/09/25	08/10/25	KCD
Sodium	270		mg/L	0.50	0.34	1	378796	08/09/25	08/10/25	KCD
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Acetone	ND		ug/L	100	8.8	1	379502	08/18/25	08/18/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	379502	08/18/25	08/18/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST

Analysis Results for 539492

539492-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Benzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	379502	08/18/25	08/18/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	379502	08/18/25	08/18/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	379502	08/18/25	08/18/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	379502	08/18/25	08/18/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	379502	08/18/25	08/18/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379502	08/18/25	08/18/25	ZST
Surrogates				Limits						
Dibromofluoromethane	105%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST

Analysis Results for 539492

539492-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	114%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST
Toluene-d8	93%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST
Bromofluorobenzene	96%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

1,4-Dioxane	ND		ug/L	1.0	0.95	1	378985	08/12/25	08/13/25	ZFA
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Surrogates

Limits

1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	378985	08/12/25	08/13/25	ZFA
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Method: SM 4500-S2-D

Prep Method: METHOD

Sulfide	ND		mg/L	0.10		1	378799	08/09/25	08/09/25	TXC
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Method: SM 5310B

Prep Method: SM 5310B

Total Organic Carbon	0.98	B,J	mg/L	1.0	0.24	1	379838	08/20/25	08/22/25	TDD
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Method: SM2320B

Prep Method: METHOD

Alkalinity, Bicarbonate, as CaCO3	160		mg/L	5.0		2.5	378803	08/09/25	08/09/25	WWC
Alkalinity, Total as CaCO3	160		mg/L	5.0		2.5	378803	08/09/25	08/09/25	WWC

Method: SM2540C

Prep Method: METHOD

Total Dissolved Solids	960		mg/L	20		2	379038	08/12/25	08/14/25	RDL
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Analysis Results for 539492

Sample ID: DW-7
Lab ID: 539492-002
Collected: 08/07/25 09:28
Matrix: Water

539492-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.18	J	mg/L	0.20	0.073	1	378738	08/08/25 15:40	08/08/25 18:19	AJL
Chloride	86		mg/L	1.0	0.27	1	378738	08/08/25 15:40	08/08/25 18:19	AJL
Bromide	0.16	J	mg/L	0.30	0.060	1	378738	08/08/25 15:40	08/08/25 18:19	AJL
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	378738	08/08/25 15:40	08/08/25 18:19	AJL
Sulfate	650		mg/L	10	1.8	10	378738	08/08/25 15:40	08/09/25 15:06	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	379437	08/16/25	08/18/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.16		mg/L	0.050	0.0062	1	378796	08/09/25	08/10/25	KCD
Calcium	31		mg/L	1.0	0.57	1	378796	08/09/25	08/10/25	KCD
Iron	ND		mg/L	0.10	0.041	1	378796	08/09/25	08/10/25	KCD
Magnesium	1.5		mg/L	0.10	0.025	1	378796	08/09/25	08/10/25	KCD
Manganese	ND		mg/L	0.010	0.0029	1	378796	08/09/25	08/10/25	KCD
Potassium	1.1		mg/L	0.50	0.42	1	378796	08/09/25	08/10/25	KCD
Sodium	310		mg/L	0.50	0.34	1	378796	08/09/25	08/10/25	KCD
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Acetone	ND		ug/L	100	8.8	1	379502	08/18/25	08/18/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	379502	08/18/25	08/18/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST

Analysis Results for 539492

539492-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	379502	08/18/25	08/18/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	379502	08/18/25	08/18/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	379502	08/18/25	08/18/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	379502	08/18/25	08/18/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	379502	08/18/25	08/18/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379502	08/18/25	08/18/25	ZST
Surrogates				Limits						
Dibromofluoromethane	105%	%REC	70-130		1	379502	08/18/25	08/18/25		ZST
1,2-Dichloroethane-d4	114%	%REC	70-130		1	379502	08/18/25	08/18/25		ZST
Toluene-d8	93%	%REC	70-130		1	379502	08/18/25	08/18/25		ZST
Bromofluorobenzene	99%	%REC	70-130		1	379502	08/18/25	08/18/25		ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 539492

539492-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	378985	08/12/25	08/13/25	ZFA
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	98%		%REC	80-120		1	378985	08/12/25	08/13/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	378799	08/09/25	08/09/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	0.26	B,J	mg/L	1.0	0.24	1	379838	08/20/25	08/22/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	110		mg/L	5.0	2.5	378803	08/09/25	08/09/25	08/09/25	WWC
Alkalinity, Total as CaCO3	110		mg/L	5.0	2.5	378803	08/09/25	08/09/25	08/09/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,200		mg/L	20		2	379038	08/12/25	08/14/25	RDL

Analysis Results for 539492

Sample ID: DW-18
Lab ID: 539492-003
Collected: 08/07/25 10:32
Matrix: Water

539492-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.26		mg/L	0.20	0.073	1	378738	08/08/25 15:40	08/09/25 15:23	AJL
Chloride	110		mg/L	1.0	0.27	1	378738	08/08/25 15:40	08/09/25 15:23	AJL
Bromide	0.30	J	mg/L	0.30	0.060	1	378738	08/08/25 15:40	08/09/25 15:23	AJL
Nitrogen, Nitrate	3.2	H	mg/L	0.10	0.05	1	378738	08/08/25 15:40	08/09/25 15:23	AJL
Sulfate	360		mg/L	10	1.8	10	378738	08/08/25 15:40	08/09/25 15:40	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	379670	08/19/25	08/20/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	9.0		mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.33		mg/L	0.050	0.0062	1	378796	08/09/25	08/10/25	KCD
Calcium	25		mg/L	1.0	0.57	1	378796	08/09/25	08/10/25	KCD
Iron	ND		mg/L	0.10	0.041	1	378796	08/09/25	08/10/25	KCD
Magnesium	2.1		mg/L	0.10	0.025	1	378796	08/09/25	08/10/25	KCD
Manganese	ND		mg/L	0.010	0.0029	1	378796	08/09/25	08/10/25	KCD
Potassium	1.5		mg/L	0.50	0.42	1	378796	08/09/25	08/10/25	KCD
Sodium	280		mg/L	0.50	0.34	1	378796	08/09/25	08/10/25	KCD
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Acetone	ND		ug/L	100	8.8	1	379502	08/18/25	08/18/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	379502	08/18/25	08/18/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST

Analysis Results for 539492

539492-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	379502	08/18/25	08/18/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	379502	08/18/25	08/18/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	379502	08/18/25	08/18/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	379502	08/18/25	08/18/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	379502	08/18/25	08/18/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379502	08/18/25	08/18/25	ZST
Surrogates			Limits							
Dibromofluoromethane	105%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST
1,2-Dichloroethane-d4	114%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST
Toluene-d8	94%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 539492

539492-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	378985	08/12/25	08/13/25	ZFA
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	101%		%REC	80-120		1	378985	08/12/25	08/13/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	378799	08/09/25	08/09/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	4.6		mg/L	1.0	0.24	1	379838	08/20/25	08/22/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	270		mg/L	5.0	2.5	378803	08/09/25	08/09/25	08/09/25	WWC
Alkalinity, Total as CaCO3	270		mg/L	5.0	2.5	378803	08/09/25	08/09/25	08/09/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,000		mg/L	20		2	379038	08/12/25	08/14/25	RDL

Analysis Results for 539492

Sample ID: DW-21
Lab ID: 539492-004
Collected: 08/07/25 11:17
Matrix: Water

539492-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.87		mg/L	0.20	0.073	1	378738	08/08/25 15:40	08/09/25 15:57	AJL
Chloride	55		mg/L	1.0	0.27	1	378738	08/08/25 15:40	08/09/25 15:57	AJL
Bromide	0.14	J	mg/L	0.30	0.060	1	378738	08/08/25 15:40	08/09/25 15:57	AJL
Nitrogen, Nitrate	0.12	H	mg/L	0.10	0.05	1	378738	08/08/25 15:40	08/09/25 15:57	AJL
Sulfate	120		mg/L	10	1.8	10	378738	08/08/25 15:40	08/09/25 16:14	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	379670	08/19/25	08/20/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.25		mg/L	0.050	0.0062	1	378796	08/09/25	08/10/25	KCD
Calcium	3.7		mg/L	1.0	0.57	1	378796	08/09/25	08/10/25	KCD
Iron	0.065	J	mg/L	0.10	0.041	1	378796	08/09/25	08/10/25	KCD
Magnesium	0.17		mg/L	0.10	0.025	1	378796	08/09/25	08/10/25	KCD
Manganese	ND		mg/L	0.010	0.0029	1	378796	08/09/25	08/10/25	KCD
Potassium	0.50	J	mg/L	0.50	0.42	1	378796	08/09/25	08/10/25	KCD
Sodium	140		mg/L	0.50	0.34	1	378796	08/09/25	08/10/25	KCD
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Acetone	ND		ug/L	100	8.8	1	379502	08/18/25	08/18/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	379502	08/18/25	08/18/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST

Analysis Results for 539492

539492-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	379502	08/18/25	08/18/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	379502	08/18/25	08/18/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	379502	08/18/25	08/18/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	379502	08/18/25	08/18/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	379502	08/18/25	08/18/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379502	08/18/25	08/18/25	ZST
Surrogates				Limits						
Dibromofluoromethane	107%	%REC	70-130		1	379502	08/18/25	08/18/25		ZST
1,2-Dichloroethane-d4	114%	%REC	70-130		1	379502	08/18/25	08/18/25		ZST
Toluene-d8	93%	%REC	70-130		1	379502	08/18/25	08/18/25		ZST
Bromofluorobenzene	97%	%REC	70-130		1	379502	08/18/25	08/18/25		ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 539492

539492-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	378985	08/12/25	08/13/25	ZFA
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	93%		%REC	80-120		1	378985	08/12/25	08/13/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	378799	08/09/25	08/09/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	0.65	B,J	mg/L	1.0	0.24	1	379838	08/20/25	08/22/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	150		mg/L	5.0		2.5	378803	08/09/25	08/09/25	WWC
Alkalinity, Total as CaCO3	150		mg/L	5.0		2.5	378803	08/09/25	08/09/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	470		mg/L	20		2	379038	08/12/25	08/14/25	RDL

Analysis Results for 539492

Sample ID: DW-15
Lab ID: 539492-005
Collected: 08/07/25 12:34
Matrix: Water

539492-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	ND		mg/L	0.20	0.073	1	378738	08/08/25 15:40	08/09/25 16:30	AJL
Chloride	75		mg/L	1.0	0.27	1	378738	08/08/25 15:40	08/09/25 16:30	AJL
Bromide	0.086	J	mg/L	0.30	0.060	1	378738	08/08/25 15:40	08/09/25 16:30	AJL
Nitrogen, Nitrate	ND	H	mg/L	0.10	0.05	1	378738	08/08/25 15:40	08/09/25 16:30	AJL
Sulfate	1,500		mg/L	20	3.7	20	378738	08/08/25 15:40	08/09/25 16:47	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	0.19		mg/L	0.10	0.050	1	379670	08/19/25	08/20/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.21		mg/L	0.050	0.0062	1	378796	08/09/25	08/10/25	KCD
Calcium	230		mg/L	1.0	0.57	1	378796	08/09/25	08/10/25	KCD
Iron	0.89		mg/L	0.10	0.041	1	378796	08/09/25	08/10/25	KCD
Magnesium	32		mg/L	0.10	0.025	1	378796	08/09/25	08/10/25	KCD
Manganese	0.59		mg/L	0.010	0.0029	1	378796	08/09/25	08/10/25	KCD
Potassium	2.6		mg/L	0.50	0.42	1	378796	08/09/25	08/10/25	KCD
Sodium	390		mg/L	0.50	0.34	1	378796	08/09/25	08/10/25	KCD
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Acetone	ND		ug/L	100	8.8	1	379502	08/18/25	08/18/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	379502	08/18/25	08/18/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Chloroform	0.07	J	ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST

Analysis Results for 539492

539492-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	379502	08/18/25	08/18/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	379502	08/18/25	08/18/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	379502	08/18/25	08/18/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	379502	08/18/25	08/18/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,4-Dichlorobenzene	0.2	J	ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	379502	08/18/25	08/18/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379502	08/18/25	08/18/25	ZST
Surrogates			Limits							
Dibromofluoromethane	106%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST
1,2-Dichloroethane-d4	114%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST
Toluene-d8	94%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 539492

539492-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	378985	08/12/25	08/13/25	ZFA
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	104%		%REC	80-120		1	378985	08/12/25	08/13/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	378799	08/09/25	08/09/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	0.94	B,J	mg/L	1.0	0.24	1	379838	08/20/25	08/22/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	210		mg/L	5.0		2.5	378803	08/09/25	08/09/25	WWC
Alkalinity, Total as CaCO3	210		mg/L	5.0		2.5	378803	08/09/25	08/09/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	2,500		mg/L	20		2	379038	08/12/25	08/14/25	RDL

Analysis Results for 539492

Sample ID: QCFB
Lab ID: 539492-006
Collected: 08/07/25 10:34
Matrix: Water

539492-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Acetone	ND		ug/L	100	8.8	1	379502	08/18/25	08/18/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Methylene Chloride	0.3	J	ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	379502	08/18/25	08/18/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Chloroform	0.7	J	ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Benzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	379502	08/18/25	08/18/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	379502	08/18/25	08/18/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	379502	08/18/25	08/18/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	379502	08/18/25	08/18/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST

Analysis Results for 539492

539492-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	379502	08/18/25	08/18/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379502	08/18/25	08/18/25	ZST
Surrogates	Limits									
Dibromofluoromethane	105%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST
1,2-Dichloroethane-d4	114%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST
Toluene-d8	93%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST

Analysis Results for 539492

Sample ID: QCTB
Lab ID: 539492-007
Collected: 08/07/25
Matrix: Water

539492-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	379608	08/19/25	08/19/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379608	08/19/25	08/19/25	ZST
Chloromethane	ND		ug/L	5.0	0.09	1	379608	08/19/25	08/19/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
Bromomethane	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
Chloroethane	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
Acetone	ND		ug/L	100	14	1	379608	08/19/25	08/19/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
Methylene Chloride	0.5	J	ug/L	5.0	0.2	1	379608	08/19/25	08/19/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	379608	08/19/25	08/19/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	379608	08/19/25	08/19/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	379608	08/19/25	08/19/25	ZST
Chloroform	0.6	J	ug/L	5.0	0.08	1	379608	08/19/25	08/19/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	379608	08/19/25	08/19/25	ZST
Benzene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.09	1	379608	08/19/25	08/19/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	379608	08/19/25	08/19/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	379608	08/19/25	08/19/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	379608	08/19/25	08/19/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.07	1	379608	08/19/25	08/19/25	ZST
Tetrachloroethene	0.2	J	ug/L	5.0	0.2	1	379608	08/19/25	08/19/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	1	379608	08/19/25	08/19/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	379608	08/19/25	08/19/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
Bromoform	ND		ug/L	5.0	0.06	1	379608	08/19/25	08/19/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST

Analysis Results for 539492

539492-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	1	379608	08/19/25	08/19/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.2	1	379608	08/19/25	08/19/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	379608	08/19/25	08/19/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	379608	08/19/25	08/19/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	379608	08/19/25	08/19/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	1	379608	08/19/25	08/19/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	379608	08/19/25	08/19/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.3	1	379608	08/19/25	08/19/25	ZST
Naphthalene	ND		ug/L	5.0	0.6	1	379608	08/19/25	08/19/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	379608	08/19/25	08/19/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379608	08/19/25	08/19/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379608	08/19/25	08/19/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379608	08/19/25	08/19/25	ZST
Surrogates	Limits									
Dibromofluoromethane	107%		%REC	70-130		1	379608	08/19/25	08/19/25	ZST
1,2-Dichloroethane-d4	105%		%REC	70-130		1	379608	08/19/25	08/19/25	ZST
Toluene-d8	97%		%REC	70-130		1	379608	08/19/25	08/19/25	ZST
Bromofluorobenzene	96%		%REC	70-130		1	379608	08/19/25	08/19/25	ZST

B Contamination found in associated Method Blank
 H Holding time was exceeded
 J Estimated value
 ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1282534	Batch: 378738
Matrix: Drinking Water	Method: EPA 300.0	Prep Method: METHOD

QC1282534 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	08/08/25 15:40	08/08/25 15:48
Chloride	ND		mg/L	1.0	0.27	08/08/25 15:40	08/08/25 15:48
Bromide	ND		mg/L	0.30	0.060	08/08/25 15:40	08/08/25 15:48
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	08/08/25 15:40	08/08/25 15:48
Sulfate	ND		mg/L	1.0	0.18	08/08/25 15:40	08/08/25 15:48

Type: Lab Control Sample	Lab ID: QC1282535	Batch: 378738
Matrix: Drinking Water	Method: EPA 300.0	Prep Method: METHOD

QC1282535 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	11.01	10.00	mg/L	110%		90-110
Chloride	47.93	50.00	mg/L	96%		90-110
Bromide	15.08	15.00	mg/L	101%		90-110
Nitrogen, Nitrate	4.684	4.518	mg/L	104%		90-110
Sulfate	25.51	25.00	mg/L	102%		90-110

Type: Matrix Spike	Lab ID: QC1282600	Batch: 378738
Matrix (Source ID): Water (539618-004)	Method: EPA 300.0	Prep Method: METHOD

QC1282600 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	23.96	0.2276	20.00	mg/L	119%		80-129	1
Chloride	176.0	63.37	100.0	mg/L	113%		80-123	1
Bromide	16.65	0.3237	15.00	mg/L	109%		80-121	1
Nitrogen, Nitrate	14.59	5.096	9.036	mg/L	105%		80-123	1
Sulfate	128.9	76.73	50.00	mg/L	104%	E	79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1282601	Batch: 378738
Matrix (Source ID): Water (539618-004)	Method: EPA 300.0	Prep Method: METHOD

QC1282601 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	23.85	0.2276	20.00	mg/L	118%		80-129	0	21	1
Chloride	175.0	63.37	100.0	mg/L	112%		80-123	1	20	1
Bromide	16.46	0.3237	15.00	mg/L	108%		80-121	1	20	1
Nitrogen, Nitrate	14.51	5.096	9.036	mg/L	104%		80-123	1	20	1
Sulfate	129.0	76.73	50.00	mg/L	105%	E	79-124		20	1

Type: Blank	Lab ID: QC1285032	Batch: 379437
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1285032 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	08/16/25	08/18/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1285033	Batch: 379437
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1285033 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.024	1.000	mg/L	102%		90-110

Type: Matrix Spike	Lab ID: QC1285034	Batch: 379437
Matrix (Source ID): Water (539423-001)	Method: EPA 350.1	Prep Method: METHOD

QC1285034 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.253	0.3476	1.000	mg/L	91%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1285035	Batch: 379437
Matrix (Source ID): Water (539423-001)	Method: EPA 350.1	Prep Method: METHOD

QC1285035 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Ammonia-N	1.166	0.3476	1.000	mg/L	82%	*	90-110	7	20	1

Type: Matrix Spike	Lab ID: QC1285036	Batch: 379437
Matrix (Source ID): Water (539423-002)	Method: EPA 350.1	Prep Method: METHOD

QC1285036 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	2.004	0.9943	1.000	mg/L	101%	E	90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1285037	Batch: 379437
Matrix (Source ID): Water (539423-002)	Method: EPA 350.1	Prep Method: METHOD

QC1285037 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Ammonia-N	1.893	0.9943	1.000	mg/L	90%		90-110	20		1

Type: Blank	Lab ID: QC1285890	Batch: 379670
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1285890 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	08/19/25	08/20/25

Type: Lab Control Sample	Lab ID: QC1285891	Batch: 379670
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1285891 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9756	1.000	mg/L	98%		90-110

Batch QC

Type: Matrix Spike	Lab ID: QC1285892	Batch: 379670
Matrix (Source ID): Water (539182-001)	Method: EPA 350.1	Prep Method: SM 4500-NH3-G SD

QC1285892 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	3.665	2.624	1.000	mg/L	104%		90-110	5

Type: Matrix Spike Duplicate	Lab ID: QC1285893	Batch: 379670
Matrix (Source ID): Water (539182-001)	Method: EPA 350.1	Prep Method: SM 4500-NH3-G SD

QC1285893 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	3.733	2.624	1.000	mg/L	111%	*	90-110	2	20	5

Type: Matrix Spike	Lab ID: QC1285894	Batch: 379670
Matrix (Source ID): Water (539939-001)	Method: EPA 350.1	Prep Method: METHOD

QC1285894 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.7636	0.09708	1.000	mg/L	67%	*	90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1285895	Batch: 379670
Matrix (Source ID): Water (539939-001)	Method: EPA 350.1	Prep Method: METHOD

QC1285895 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9868	0.09708	1.000	mg/L	89%	*	90-110	26*	20	1

Type: Blank	Lab ID: QC1284339	Batch: 379259
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1284339 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	08/14/25	08/14/25

Type: Lab Control Sample	Lab ID: QC1284340	Batch: 379259
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1284340 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	100.0	100.0	mg/L	100%		90-110

Batch QC

Type: Matrix Spike	Lab ID: QC1284341	Batch: 379259
Matrix (Source ID): Water (539423-001)	Method: EPA 410.4	Prep Method: METHOD

QC1284341 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	102.0	3.000	100.0	mg/L	99%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1284342	Batch: 379259
Matrix (Source ID): Water (539423-001)	Method: EPA 410.4	Prep Method: METHOD

QC1284342 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	100.0	3.000	100.0	mg/L	97%		75-125	2	20	2

Type: Matrix Spike	Lab ID: QC1284343	Batch: 379259
Matrix (Source ID): Water (539738-001)	Method: EPA 410.4	Prep Method: METHOD

QC1284343 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	88.00	ND	100.0	mg/L	88%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1284344	Batch: 379259
Matrix (Source ID): Water (539738-001)	Method: EPA 410.4	Prep Method: METHOD

QC1284344 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	88.00	ND	100.0	mg/L	88%		75-125	0	20	2

Type: Blank	Lab ID: QC1282766	Batch: 378796
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1282766 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0062	08/09/25	08/10/25
Calcium	ND		mg/L	1.0	0.57	08/09/25	08/10/25
Iron	ND		mg/L	0.10	0.041	08/09/25	08/10/25
Magnesium	ND		mg/L	0.10	0.025	08/09/25	08/10/25
Manganese	ND		mg/L	0.010	0.0029	08/09/25	08/10/25
Potassium	ND		mg/L	0.50	0.42	08/09/25	08/10/25
Sodium	ND		mg/L	0.50	0.34	08/09/25	08/10/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1282767	Batch: 378796
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1282767 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3610	0.4000	mg/L	90%		80-120
Calcium	18.79	20.40	mg/L	92%		80-120
Iron	0.3741	0.4000	mg/L	94%		80-120
Magnesium	19.58	20.40	mg/L	96%		80-120
Manganese	0.3713	0.4000	mg/L	93%		80-120
Potassium	22.13	24.00	mg/L	92%		80-120
Sodium	18.89	20.40	mg/L	93%		80-120

Type: Matrix Spike	Lab ID: QC1282768	Batch: 378796
Matrix (Source ID): Water (539492-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1282768 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.5601	0.2037	0.4000	mg/L	89%		75-125	1
Calcium	40.81	23.16	20.40	mg/L	87%		75-125	1
Iron	0.3630	ND	0.4000	mg/L	91%		75-125	1
Magnesium	21.48	2.842	20.40	mg/L	91%		75-125	1
Manganese	0.3567	ND	0.4000	mg/L	89%		75-125	1
Potassium	23.79	1.743	24.00	mg/L	92%		75-125	1
Sodium	283.7	268.6	20.40	mg/L	74%	NM	75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1282769	Batch: 378796
Matrix (Source ID): Water (539492-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1282769 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.5671	0.2037	0.4000	mg/L	91%		75-125	1	20	1
Calcium	41.17	23.16	20.40	mg/L	88%		75-125	1	20	1
Iron	0.3684	ND	0.4000	mg/L	92%		75-125	1	22	1
Magnesium	21.87	2.842	20.40	mg/L	93%		75-125	2	20	1
Manganese	0.3639	ND	0.4000	mg/L	91%		75-125	2	20	1
Potassium	24.21	1.743	24.00	mg/L	94%		75-125	2	20	1
Sodium	283.7	268.6	20.40	mg/L	74%	NM	75-125	0	20	1

Batch QC

Type: Serial Dilution	Lab ID: QC1282814	Batch: 378796
Matrix (Source ID): Water (539492-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1282814 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	0.2002	0.2037	mg/L	J			5
Calcium	23.65	23.16	mg/L				5
Iron	ND	ND	mg/L				5
Magnesium	2.922	2.842	mg/L				5
Manganese	ND	ND	mg/L				5
Potassium	ND	1.743	mg/L				5
Sodium	276.5	268.6	mg/L				5

Type: Lab Control Sample	Lab ID: QC1285296	Batch: 379502
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1285296 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	49.13	50.00	ug/L	98%		69-128
MTBE	54.36	50.00	ug/L	109%		66-125
Benzene	49.65	50.00	ug/L	99%		76-121
Trichloroethene	47.91	50.00	ug/L	96%		76-124
Toluene	47.65	50.00	ug/L	95%		76-120
Chlorobenzene	47.51	50.00	ug/L	95%		78-120
Surrogates						
Dibromofluoromethane	49.24	50.00	ug/L	98%		70-130
1,2-Dichloroethane-d4	51.81	50.00	ug/L	104%		70-130
Toluene-d8	48.64	50.00	ug/L	97%		70-130
Bromofluorobenzene	50.38	50.00	ug/L	101%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1285297	Batch: 379502
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1285297 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	53.13	50.00	ug/L	106%		69-128	8	23
MTBE	60.06	50.00	ug/L	120%		66-125	10	22
Benzene	54.70	50.00	ug/L	109%		76-121	10	21
Trichloroethene	50.52	50.00	ug/L	101%		76-124	5	22
Toluene	50.41	50.00	ug/L	101%		76-120	6	21
Chlorobenzene	49.94	50.00	ug/L	100%		78-120	5	20
Surrogates								
Dibromofluoromethane	48.86	50.00	ug/L	98%		70-130		
1,2-Dichloroethane-d4	52.98	50.00	ug/L	106%		70-130		
Toluene-d8	47.98	50.00	ug/L	96%		70-130		
Bromofluorobenzene	50.61	50.00	ug/L	101%		70-130		

Batch QC

Type: Blank	Lab ID: QC1285299	Batch: 379502
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1285299 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.2	08/18/25	08/18/25
Freon 12	ND		ug/L	5.0	0.2	08/18/25	08/18/25
Chloromethane	ND		ug/L	5.0	0.1	08/18/25	08/18/25
Vinyl Chloride	ND		ug/L	5.0	0.1	08/18/25	08/18/25
Bromomethane	ND		ug/L	5.0	0.3	08/18/25	08/18/25
Chloroethane	ND		ug/L	5.0	0.05	08/18/25	08/18/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	08/18/25	08/18/25
Acetone	ND		ug/L	100	8.8	08/18/25	08/18/25
Freon 113	ND		ug/L	5.0	0.1	08/18/25	08/18/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	08/18/25	08/18/25
Methylene Chloride	ND		ug/L	5.0	0.2	08/18/25	08/18/25
MTBE	ND		ug/L	5.0	0.1	08/18/25	08/18/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	08/18/25	08/18/25
1,1-Dichloroethane	ND		ug/L	5.0	0.07	08/18/25	08/18/25
2-Butanone	ND		ug/L	100	0.9	08/18/25	08/18/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	08/18/25	08/18/25
2,2-Dichloropropane	ND		ug/L	5.0	0.09	08/18/25	08/18/25
Chloroform	ND		ug/L	5.0	0.07	08/18/25	08/18/25
Bromochloromethane	ND		ug/L	5.0	0.1	08/18/25	08/18/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	08/18/25	08/18/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	08/18/25	08/18/25
Carbon Tetrachloride	ND		ug/L	5.0	0.07	08/18/25	08/18/25
1,2-Dichloroethane	ND		ug/L	5.0	0.09	08/18/25	08/18/25
Benzene	ND		ug/L	5.0	0.07	08/18/25	08/18/25
Trichloroethene	ND		ug/L	5.0	0.05	08/18/25	08/18/25
1,2-Dichloropropane	ND		ug/L	5.0	0.07	08/18/25	08/18/25
Bromodichloromethane	ND		ug/L	5.0	0.05	08/18/25	08/18/25
Dibromomethane	ND		ug/L	5.0	0.1	08/18/25	08/18/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	08/18/25	08/18/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	08/18/25	08/18/25
Toluene	ND		ug/L	5.0	0.05	08/18/25	08/18/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	08/18/25	08/18/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	08/18/25	08/18/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	08/18/25	08/18/25
Tetrachloroethene	ND		ug/L	5.0	0.09	08/18/25	08/18/25
Dibromochloromethane	ND		ug/L	5.0	0.07	08/18/25	08/18/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	08/18/25	08/18/25
Chlorobenzene	ND		ug/L	5.0	0.05	08/18/25	08/18/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	08/18/25	08/18/25
Ethylbenzene	ND		ug/L	5.0	0.04	08/18/25	08/18/25
m,p-Xylenes	ND		ug/L	10	0.1	08/18/25	08/18/25
o-Xylene	ND		ug/L	5.0	0.06	08/18/25	08/18/25
Styrene	ND		ug/L	5.0	0.06	08/18/25	08/18/25
Bromoform	ND		ug/L	5.0	0.08	08/18/25	08/18/25
Isopropylbenzene	ND		ug/L	5.0	0.06	08/18/25	08/18/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	08/18/25	08/18/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	08/18/25	08/18/25

Batch QC

QC1285299 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.05	08/18/25	08/18/25
Bromobenzene	ND		ug/L	5.0	0.06	08/18/25	08/18/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	08/18/25	08/18/25
2-Chlorotoluene	ND		ug/L	5.0	0.07	08/18/25	08/18/25
4-Chlorotoluene	ND		ug/L	5.0	0.08	08/18/25	08/18/25
tert-Butylbenzene	ND		ug/L	5.0	0.07	08/18/25	08/18/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	08/18/25	08/18/25
sec-Butylbenzene	ND		ug/L	5.0	0.06	08/18/25	08/18/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	08/18/25	08/18/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	08/18/25	08/18/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	08/18/25	08/18/25
n-Butylbenzene	ND		ug/L	5.0	0.08	08/18/25	08/18/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	08/18/25	08/18/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	08/18/25	08/18/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	08/18/25	08/18/25
Hexachlorobutadiene	ND		ug/L	5.0	0.06	08/18/25	08/18/25
Naphthalene	ND		ug/L	5.0	0.3	08/18/25	08/18/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	08/18/25	08/18/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	08/18/25	08/18/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	08/18/25	08/18/25
Xylene (total)	ND		ug/L	5.0		08/18/25	08/18/25
Surrogates				Limits			
Dibromofluoromethane	103%		%REC	70-130		08/18/25	08/18/25
1,2-Dichloroethane-d4	111%		%REC	70-130		08/18/25	08/18/25
Toluene-d8	95%		%REC	70-130		08/18/25	08/18/25
Bromofluorobenzene	98%		%REC	70-130		08/18/25	08/18/25

Type: Matrix Spike	Lab ID: QC1285353	Batch: 379502
Matrix (Source ID): Water (539523-003)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1285353 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	15.17	ND	20.00	ug/L	76%		62-131	1
MTBE	15.98	ND	20.00	ug/L	80%		61-124	1
Benzene	17.09	1.809	20.00	ug/L	76%		70-123	1
Trichloroethene	15.54	0.3949	20.00	ug/L	76%		65-131	1
Toluene	15.46	1.240	20.00	ug/L	71%		69-120	1
Chlorobenzene	14.37	ND	20.00	ug/L	72%		72-121	1
Surrogates								
Dibromofluoromethane	49.49		50.00	ug/L	99%		70-130	1
1,2-Dichloroethane-d4	51.50		50.00	ug/L	103%		70-130	1
Toluene-d8	47.60		50.00	ug/L	95%		70-130	1
Bromofluorobenzene	49.54		50.00	ug/L	99%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1285354	Batch: 379502
Matrix (Source ID): Water (539523-003)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1285354 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	22.37	ND	20.00	ug/L	112%		62-131	38*	31	1
MTBE	25.02	ND	20.00	ug/L	125%	*	61-124	44*	30	1
Benzene	25.30	1.809	20.00	ug/L	117%		70-123	39*	31	1
Trichloroethene	23.11	0.3949	20.00	ug/L	114%		65-131	39*	31	1
Toluene	22.41	1.240	20.00	ug/L	106%		69-120	37*	29	1
Chlorobenzene	20.70	ND	20.00	ug/L	103%		72-121	36*	29	1
Surrogates										
Dibromofluoromethane	49.96		50.00	ug/L	100%		70-130			1
1,2-Dichloroethane-d4	51.91		50.00	ug/L	104%		70-130			1
Toluene-d8	47.51		50.00	ug/L	95%		70-130			1
Bromofluorobenzene	49.70		50.00	ug/L	99%		70-130			1

Type: Lab Control Sample	Lab ID: QC1285688	Batch: 379608
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1285688 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	58.57	50.00	ug/L	117%		69-128
MTBE	54.19	50.00	ug/L	108%		66-125
Benzene	59.20	50.00	ug/L	118%		76-121
Trichloroethene	60.12	50.00	ug/L	120%		76-124
Toluene	58.15	50.00	ug/L	116%		76-120
Chlorobenzene	57.68	50.00	ug/L	115%		78-120
Surrogates						
Dibromofluoromethane	51.43	50.00	ug/L	103%		70-130
1,2-Dichloroethane-d4	48.14	50.00	ug/L	96%		70-130
Toluene-d8	49.51	50.00	ug/L	99%		70-130
Bromofluorobenzene	47.24	50.00	ug/L	94%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1285689	Batch: 379608
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1285689 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	50.19	50.00	ug/L	100%		69-128	15	23
MTBE	53.57	50.00	ug/L	107%		66-125	1	22
Benzene	53.35	50.00	ug/L	107%		76-121	10	21
Trichloroethene	52.79	50.00	ug/L	106%		76-124	13	22
Toluene	53.10	50.00	ug/L	106%		76-120	9	21
Chlorobenzene	52.68	50.00	ug/L	105%		78-120	9	20
Surrogates								
Dibromofluoromethane	50.81	50.00	ug/L	102%		70-130		
1,2-Dichloroethane-d4	48.97	50.00	ug/L	98%		70-130		
Toluene-d8	49.31	50.00	ug/L	99%		70-130		
Bromofluorobenzene	46.42	50.00	ug/L	93%		70-130		

Batch QC

Type: Blank
Matrix: Water

Lab ID: QC1285691
Method: EPA 8260B

Batch: 379608
Prep Method: EPA 5030B

QC1285691 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.2	08/19/25	08/19/25
Freon 12	ND		ug/L	5.0	0.2	08/19/25	08/19/25
Chloromethane	ND		ug/L	5.0	0.09	08/19/25	08/19/25
Vinyl Chloride	ND		ug/L	5.0	0.1	08/19/25	08/19/25
Bromomethane	ND		ug/L	5.0	0.1	08/19/25	08/19/25
Chloroethane	ND		ug/L	5.0	0.1	08/19/25	08/19/25
Trichlorofluoromethane	ND		ug/L	5.0	0.1	08/19/25	08/19/25
Acetone	ND		ug/L	100	14	08/19/25	08/19/25
Freon 113	ND		ug/L	5.0	0.1	08/19/25	08/19/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
Methylene Chloride	ND		ug/L	5.0	0.2	08/19/25	08/19/25
MTBE	ND		ug/L	5.0	0.1	08/19/25	08/19/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
1,1-Dichloroethane	ND		ug/L	5.0	0.09	08/19/25	08/19/25
2-Butanone	ND		ug/L	100	1.3	08/19/25	08/19/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
2,2-Dichloropropane	ND		ug/L	5.0	0.2	08/19/25	08/19/25
Chloroform	ND		ug/L	5.0	0.08	08/19/25	08/19/25
Bromochloromethane	ND		ug/L	5.0	0.1	08/19/25	08/19/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	08/19/25	08/19/25
1,1-Dichloropropene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
Carbon Tetrachloride	ND		ug/L	5.0	0.1	08/19/25	08/19/25
1,2-Dichloroethane	ND		ug/L	5.0	0.2	08/19/25	08/19/25
Benzene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
Trichloroethene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
1,2-Dichloropropane	ND		ug/L	5.0	0.09	08/19/25	08/19/25
Bromodichloromethane	ND		ug/L	5.0	0.07	08/19/25	08/19/25
Dibromomethane	ND		ug/L	5.0	0.1	08/19/25	08/19/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	08/19/25	08/19/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
Toluene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	08/19/25	08/19/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	08/19/25	08/19/25
1,3-Dichloropropane	ND		ug/L	5.0	0.07	08/19/25	08/19/25
Tetrachloroethene	ND		ug/L	5.0	0.2	08/19/25	08/19/25
Dibromochloromethane	ND		ug/L	5.0	0.1	08/19/25	08/19/25
1,2-Dibromoethane	ND		ug/L	5.0	0.1	08/19/25	08/19/25
Chlorobenzene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	08/19/25	08/19/25
Ethylbenzene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
m,p-Xylenes	ND		ug/L	10	0.2	08/19/25	08/19/25
o-Xylene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
Styrene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
Bromoform	ND		ug/L	5.0	0.06	08/19/25	08/19/25
Isopropylbenzene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	08/19/25	08/19/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	08/19/25	08/19/25

Batch QC

QC1285691 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
Bromobenzene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
2-Chlorotoluene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
4-Chlorotoluene	ND		ug/L	5.0	0.2	08/19/25	08/19/25
tert-Butylbenzene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
sec-Butylbenzene	ND		ug/L	5.0	0.2	08/19/25	08/19/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	08/19/25	08/19/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	08/19/25	08/19/25
n-Butylbenzene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	08/19/25	08/19/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	08/19/25	08/19/25
Hexachlorobutadiene	ND		ug/L	5.0	0.3	08/19/25	08/19/25
Naphthalene	ND		ug/L	5.0	0.6	08/19/25	08/19/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	08/19/25	08/19/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	08/19/25	08/19/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	08/19/25	08/19/25
Xylene (total)	ND		ug/L	5.0		08/19/25	08/19/25
Surrogates				Limits			
Dibromofluoromethane	104%		%REC	70-130		08/19/25	08/19/25
1,2-Dichloroethane-d4	102%		%REC	70-130		08/19/25	08/19/25
Toluene-d8	99%		%REC	70-130		08/19/25	08/19/25
Bromofluorobenzene	96%		%REC	70-130		08/19/25	08/19/25

Type: Matrix Spike	Lab ID: QC1285761	Batch: 379608
Matrix (Source ID): Water (539995-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1285761 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	18.01	ND	20.00	ug/L	90%		62-131	1
MTBE	16.92	ND	20.00	ug/L	85%		61-124	1
Benzene	19.38	0.4383	20.00	ug/L	95%		70-123	1
Trichloroethene	19.89	ND	20.00	ug/L	99%		65-131	1
Toluene	19.24	ND	20.00	ug/L	96%		69-120	1
Chlorobenzene	19.57	ND	20.00	ug/L	98%		72-121	1
Surrogates								
Dibromofluoromethane	51.22		50.00	ug/L	102%		70-130	1
1,2-Dichloroethane-d4	48.12		50.00	ug/L	96%		70-130	1
Toluene-d8	49.90		50.00	ug/L	100%		70-130	1
Bromofluorobenzene	48.86		50.00	ug/L	98%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1285762	Batch: 379608
Matrix (Source ID): Water (539995-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1285762 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	14.00	ND	20.00	ug/L	70%		62-131	25	31	1
MTBE	14.08	ND	20.00	ug/L	70%		61-124	18	30	1
Benzene	15.39	0.4383	20.00	ug/L	75%		70-123	23	31	1
Trichloroethene	15.36	ND	20.00	ug/L	77%		65-131	26	31	1
Toluene	14.82	ND	20.00	ug/L	74%		69-120	26	29	1
Chlorobenzene	15.27	ND	20.00	ug/L	76%		72-121	25	29	1
Surrogates										
Dibromofluoromethane	50.98		50.00	ug/L	102%		70-130			1
1,2-Dichloroethane-d4	50.45		50.00	ug/L	101%		70-130			1
Toluene-d8	48.80		50.00	ug/L	98%		70-130			1
Bromofluorobenzene	46.77		50.00	ug/L	94%		70-130			1

Type: Blank	Lab ID: QC1283444	Batch: 378985
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1283444 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.95	08/12/25	08/13/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	107%		%REC	80-120		08/12/25	08/13/25

Type: Lab Control Sample	Lab ID: QC1283445	Batch: 378985
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1283445 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	9.682	10.00	ug/L	97%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.13	10.00	ug/L	101%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1283446	Batch: 378985
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1283446 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	8.663	10.00	ug/L	87%		79-120	11	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.35	10.00	ug/L	104%		80-120		

Type: Blank	Lab ID: QC1282775	Batch: 378799
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1282775 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		08/09/25	08/09/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1282776	Batch: 378799
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1282776 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1282777	Batch: 378799
Matrix (Source ID): Water (539618-005)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1282777 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1282778	Batch: 378799
Matrix (Source ID): Water (539618-005)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1282778 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	0	20	1

Type: Blank	Lab ID: QC1286444	Batch: 379838
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1286444 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	0.28	J	mg/L	1.0	0.24	08/20/25	08/21/25

Type: Lab Control Sample	Lab ID: QC1286445	Batch: 379838
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1286445 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	23.77	25.00	mg/L	95%		85-115

Type: Matrix Spike	Lab ID: QC1286446	Batch: 379838
Matrix (Source ID): Water (539793-002)	Method: SM 5310B	Prep Method: SM 5310B

QC1286446 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	29.30	1.536	25.00	mg/L	111%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1286447	Batch: 379838
Matrix (Source ID): Water (539793-002)	Method: SM 5310B	Prep Method: SM 5310B

QC1286447 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Total Organic Carbon	29.06	1.536	25.00	mg/L	110%		75-125	1	25	1

Batch QC

Type: Blank	Lab ID: QC1282801	Batch: 378803
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1282801 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		08/09/25	08/09/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		08/09/25	08/09/25

Type: Lab Control Sample	Lab ID: QC1282802	Batch: 378803
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1282802 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	978.5	1000	mg/L	98%		90-110

Type: Sample Duplicate	Lab ID: QC1283158	Batch: 378803
Matrix (Source ID): Water (539463-002)	Method: SM2320B	Prep Method: METHOD

QC1283158 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	604.2	591.6	mg/L		2	20	5
Alkalinity, Total as CaCO ₃	604.2	591.6	mg/L		2	20	5

Type: Blank	Lab ID: QC1283649	Batch: 379038
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1283649 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	10		08/12/25	08/14/25

Type: Lab Control Sample	Lab ID: QC1283650	Batch: 379038
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1283650 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,017	1000	mg/L	102%		90-110

Type: Sample Duplicate	Lab ID: QC1283651	Batch: 379038
Matrix (Source ID): Water (539492-001)	Method: SM2540C	Prep Method: METHOD

QC1283651 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	972.0	964.0	mg/L		1	5	2

* Value is outside QC limits
 E Response exceeds instrument's linear range
 J Estimated value
 ND Not Detected
 NM Not Meaningful

Laboratory Job Number 539492

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2508651

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-539492

Project Location:

Project Received: 08/12/2025

Analytical Report reviewed & approved for release on 08/15/2025 by:

Ana Venegas
Project Manager

McC Campbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.





Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2508651

Project: EO-539492

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit ¹
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit ²
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

¹ MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

² RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.



Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2508651

Project: EO-539492

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	"Too Numerous to Count," greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Analytical Report

Client: Enthalpy Analytical
Date Received: 08/12/2025 9:46
Date Prepared: 08/14/2025
Project: EO-539492

WorkOrder: 2508651
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-12	2508651-001A	Water	08/07/2025 08:21	GC26 0814250904.D	323713

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	1400	50	50	1	08/14/2025 12:07

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-7	2508651-002A	Water	08/07/2025 09:28	GC26 0814250905.D	323713

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	570	50	50	1	08/14/2025 12:43

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-18	2508651-003A	Water	08/07/2025 10:32	GC26 0814250907.D	323713

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	4200	200	200	4	08/14/2025 14:44

Analyst(s): CLO

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 08/12/2025 9:46
Date Prepared: 08/14/2025
Project: EO-539492

WorkOrder: 2508651
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
DW-21	2508651-004A	Water	08/07/2025 11:17		GC26 0814250908.D	323713

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	350	50	50	1	08/14/2025 15:14

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
DW-15	2508651-005A	Water	08/07/2025 12:34		GC26 0814250910.D	323713

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	14,000	500	500	10	08/14/2025 15:40

Analyst(s): CLO



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 08/14/2025
Date Analyzed: 08/14/2025
Instrument: GC26
Matrix: Water
Project: EO-539492

WorkOrder: 2508651
BatchID: 323713
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-323713

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	140	150	187.2	74	79	70-130	6.44	30

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

☐ WaterTrax ☐ CLIP ☐ EDF

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2508651

ClientCode: ENO

☐ EQUIS ☐ Dry-Weight ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag
☐ Detection Summary ☒ Excel [A1_Standard_QC]

Report to:

Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party:
PO: 079649
Project: EO-539492

Bill to:

Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT:

2 days;

Date Received: 08/12/2025

Date Logged: 08/12/2025

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2508651-001	DW-12	Water	8/7/2025 08:21	☐	A	A										
2508651-002	DW-7	Water	8/7/2025 09:28	☐	A	A										
2508651-003	DW-18	Water	8/7/2025 10:32	☐	A	A										
2508651-004	DW-21	Water	8/7/2025 11:17	☐	A	A										
2508651-005	DW-15	Water	8/7/2025 12:34	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Lilly Ortiz

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mcccampbell.com / E-mail: main@mcccampbell.com

WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL

Project: EO-539492

Work Order: 2508651

Client Contact: Zach Barker

QC Level: LEVEL 2

Contact's Email: zach.barker@enthalpy.com

Comments

Date Logged: 8/12/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☒ Excel ☐ EQuIS ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-12	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	8/7/2025 8:21	2 days	8/14/2025	None	☐	☐
002A	DW-7	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	8/7/2025 9:28	2 days	8/14/2025	None	☐	☐
003A	DW-18	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	8/7/2025 10:32	2 days	8/14/2025	None	☐	☐
004A	DW-21	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	8/7/2025 11:17	2 days	8/14/2025	None	☐	☐
005A	DW-15	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	8/7/2025 12:34	2 days	8/14/2025	None	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U** = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.



2508651
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:

McC Campbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-539492

PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel
EDD

Notes:

--

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-12	07-AUG-2025 08:21	539492-001	3	Water	RSK-175 CO2	
DW-7	07-AUG-2025 09:28	539492-002	3	Water	RSK-175 CO2	
DW-18	07-AUG-2025 10:32	539492-003	3	Water	RSK-175 CO2	
DW-21	07-AUG-2025 11:17	539492-004	3	Water	RSK-175 CO2	
DW-15	07-AUG-2025 12:34	539492-005	3	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	Date: 8.11.25 14:41	Date: 8/12/25 09:46
	Date:	Date: 3.12.25 12:41
	Date:	Date:



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-539492

Date and Time Received: 8/12/2025 09:46

Date Logged: 8/12/2025

Received by: Lilly Ortiz

Logged by: Lilly Ortiz

WorkOrder №: 2508651 Matrix: Water
Carrier: FedEx

Chain of Custody (COC) Information

Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Sample IDs noted by Client on COC?	Yes ☒	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☒	No ☐	
Sampler's name noted on COC?	Yes ☐	No ☒	
COC agrees with Quote?	Yes ☐	No ☐	NA ☒
COC quote NOT expired?	Yes ☐	No ☐	NA ☒

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	NA ☒
Shipping container/cooler in good condition?	Yes ☒	No ☐	
Samples in proper containers/bottles?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☒	No ☐	NA ☐
Samples Received on Ice?	Yes ☒	No ☐	

(Ice Type: WET ICE)

Sample/Temp Blank temperature	Temp: 3.1°C	NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☒ No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☒ No ☐	
pH acceptable upon receipt (Metal: <2)?	Yes ☐ No ☐	NA ☒

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐ No ☐	NA ☒
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes ☐ No ☐	NA ☒

Comments:



Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 539738
Report Level : II
Report Date : 08/25/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill / Quarterly MPars

Authorized for release by:

Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197



Sample Summary

Steve Cassulo	Lab Job #:	539738
Waste Connections	Project No:	GW MONITORING
Chiquita Canyon Landfill	Location:	Chiquita Canyon Landfill / Quarterly MPars
29201 Henry Mayo	Date Received:	08/11/25
Drive		
Castaic, CA 91384		

Sample ID	Lab ID	Collected	Matrix
DW-14	539738-001	08/11/25 08:15	Water
DW-17	539738-002	08/11/25 09:29	Water
DW-30	539738-003	08/11/25 10:50	Water
DW-31	539738-004	08/11/25 11:48	Water
QCFB	539738-005	08/11/25 09:32	Water
QCTB	539738-006	08/11/25 00:00	Water

Case Narrative

Waste Connections	Lab Job Number: 539738
Chiquita Canyon Landfill	Project No: GW MONITORING
29201 Henry Mayo Drive	Location: Chiquita Canyon Landfill / Quarterly
Castaic, CA 91384	MPars
Steve Cassulo	Date Received: 08/11/25

This data package contains sample and QC results for six water samples, requested for the above referenced project on 08/11/25. The samples were received in good condition.

Volatile Organics by GC/MS (EPA 8260B):

No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):

No analytical problems were encountered.

Metals (EPA 6010B):

No analytical problems were encountered.

Ion Chromatography (EPA 300.0):

No analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):

No analytical problems were encountered.

Alkalinity (SM2320B):

No analytical problems were encountered.

Sulfide (SM 4500-S2-D):

No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):

No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):

No analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):

- Low recovery was observed for ammonia-N in the MSD of DW-14 (lab # 539738-001); the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

RSK-175 CO2 (RSK-175):

McC Campbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McC Campbell Analytical, Inc. case narrative.



Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Chain of Custody Record

Lab No: 539738

Page: 1 of 1

Matrix: A = Air S = Soil/Solid

W = Water DW = Drinking Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

Turn Around Time (rush by advanced notice only)

Standard: X 5 Day: 3 Day:

1 Day: Custom TAT:

Sample Receipt Temp:

Preservatives:
1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
4 = H₂SO₄ 5 = NaOH 6 = Other

(lab use only)

CUSTOMER INFORMATION				PROJECT INFORMATION				Analysis Request				Test Instructions / Comments			
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo												
Report To:	Steve Cassulo	Number:	661-257-3655												
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:													
Address:	29201 Henry Mayo Drive	Address:													
	Castaic, CA, 91384														
Phone:	661-257-3655	Global ID:	L10003464243												
Fax:		Sampled By:	Paul Chang												
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	VOCs (EPA 8260B)	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO ₃	Ammonia-N, Nitrate-N	COD, Cl, SO ₄ , TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide	cc report to:
1 DW-14	8/11/25	815	W	13	var.	X	X	X	X	X	X	X	X	X	pchang@changenvironmental.com Basic EDD & GeoTracker EDF
2 DW-17		929				X	X	X	X	X	X	X	X	X	
3 DW-30		1050				X	X	X	X	X	X	X	X	X	
4 DW-31		1148				X	X	X	X	X	X	X	X	X	
5 QCFCB		932		3		X	X	X	X	X	X	X	X	X	
6 QCTB				2		X	X	X	X	X	X	X	X	X	
7															
8															
9															
10															

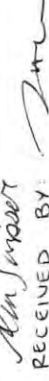


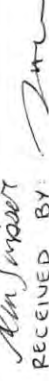
Login 539738



Signature	Print Name	Company / Title	Date / Time
	Paul Chang	CEI	8/11/25 1245
	Jim Lin	SEA NH	8/11/25 1245
	Jim Lin	SEA NH	8/12/25 0900
	Huang B.	EA-NH	8/12/25 1345
	DS	PA	8/12/25 1410
	DS	EA	8/12/25 1500

16M 9/9/4.5

RECEIVED BY: 

RECEIVED BY: 

Date Received: 8.11.25 WO# _____ Client: Chiquita Canyon LF

Are custody seals present? ☐ Yes ☒ No

Custody seals intact on arrival? ☒ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

Shipping Info: Walk in or Pickup☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 8.11.25 By (initials) JWL Type of ice used : ☒ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR03 CF: -0.7C

Cooler Temp (°C) #1: 14.7 / 14.0 #2: / #3: / #4: / #5: / #6: /

☐ No microbiology samples submitted (skip 3b)☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

☒ No air samples submitted (skip 3c)☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

YES	NO	N/A
-----	----	-----

1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)			
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?			
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			
13) Are VOA vials free from headspace/bubbles > 6mm?			

☐ PM notified

Date Logged _____ By (print) _____ (sign) _____

Date Labeled _____ By (print) _____ (sign) _____

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 8/12/25 WO# 539738 Client: WASTE CONNECTIONS

Section 2: Shipping / Custody

Are custody seals present? ☐ Yes ☒ No

Custody seals intact on arrival? ☒ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

☒ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 08/12/25 By (initials) DJS

Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR14 CF: -0.4

Cooler Temp (°C) #1: 4.9 / 4.5 #2: _____ / _____ #3: _____ / _____ #4: _____ / _____ #5: _____ / _____ #6: _____ / _____

Section 3b: Microbiology Samples

☒ No microbiology samples submitted (skip 3b)

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples

☒ No air samples submitted (skip 3c)

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples

	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	☒	☐	☐
2) Is the sampler's name present on the CoC?	☒	☐	☐
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	☒	☐	☐
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	☐	☐	☒
5) Were all of, and only, the correct samples received?	☒	☐	☐
6) Are sample labels present, legible, and in agreement with the CoC?	☒	☐	☐
7) Does the container count match the CoC?	☒	☐	☐
8) Was sufficient sample volume / mass received for the analyses requested?	☒	☐	☐
9) Were samples received in proper containers for the analyses requested?	☒	☐	☐
10) Were samples received with > 1/2 holding time remaining?	☒	☐	☐
11) Are samples properly preserved as indicated by CoC / labels?	☒	☐	☐
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?	☐	☐	☒
13) Are VOA vials free from headspace/bubbles > 6mm?	☐	☒	☐

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

4.13 Sample 006 has 2/2 HCl preserved VOA vials with headspace > 6mm

☐ No additional discrepancies

Date Logged 8/12/25

By (print) FPD

(sign) [Signature]

Date Labeled 8/12/25

By (print) AGR

(sign) [Signature]

Analysis Results for 539738

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 539738
Project No: GW MONITORING
Location: Chiquita Canyon Landfill / Quarterly MPars
Date Received: 08/11/25

Sample ID: DW-14

Lab ID: 539738-001

Collected: 08/11/25 08:15

Matrix: Water

539738-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.41		mg/L	0.20	0.073	1	379028	08/12/25 18:00	08/12/25 19:00	KUM
Chloride	94		mg/L	1.0	0.27	1	379028	08/12/25 18:00	08/12/25 19:00	KUM
Bromide	0.098	J	mg/L	0.30	0.060	1	379028	08/12/25 18:00	08/12/25 19:00	KUM
Nitrogen, Nitrate	0.30		mg/L	0.10	0.05	1	379028	08/12/25 18:00	08/12/25 19:00	KUM
Sulfate	29		mg/L	1.0	0.18	1	379028	08/12/25 18:00	08/12/25 19:00	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	379929	08/21/25	08/22/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.12		mg/L	0.050	0.0062	1	379027	08/12/25	08/13/25	SBW
Calcium	2.6		mg/L	1.0	0.57	1	379027	08/12/25	08/13/25	SBW
Iron	0.30		mg/L	0.10	0.041	1	379027	08/12/25	08/13/25	SBW
Magnesium	0.22		mg/L	0.10	0.025	1	379027	08/12/25	08/13/25	SBW
Manganese	0.0031	J	mg/L	0.010	0.0029	1	379027	08/12/25	08/13/25	SBW
Potassium	0.83		mg/L	0.50	0.42	1	379027	08/12/25	08/13/25	SBW
Sodium	140		mg/L	0.50	0.34	1	379027	08/12/25	08/13/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	379732	08/20/25	08/20/25	LYZ
Freon 12	ND		ug/L	5.0	0.2	1	379732	08/20/25	08/20/25	LYZ
Chloromethane	ND		ug/L	5.0	0.4	1	379732	08/20/25	08/20/25	LYZ
Vinyl Chloride	ND		ug/L	5.0	0.2	1	379732	08/20/25	08/20/25	LYZ
Bromomethane	ND		ug/L	5.0	0.2	1	379732	08/20/25	08/20/25	LYZ
Chloroethane	ND		ug/L	5.0	0.2	1	379732	08/20/25	08/20/25	LYZ
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	379732	08/20/25	08/20/25	LYZ
Acetone	ND		ug/L	100	16	1	379732	08/20/25	08/20/25	LYZ
Freon 113	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
Methylene Chloride	ND		ug/L	5.0	0.2	1	379732	08/20/25	08/20/25	LYZ
MTBE	ND		ug/L	5.0	0.03	1	379732	08/20/25	08/20/25	LYZ
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.06	1	379732	08/20/25	08/20/25	LYZ
1,1-Dichloroethane	ND		ug/L	5.0	0.05	1	379732	08/20/25	08/20/25	LYZ
2-Butanone	ND		ug/L	100	1.3	1	379732	08/20/25	08/20/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.05	1	379732	08/20/25	08/20/25	LYZ
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
Chloroform	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ

Analysis Results for 539738

539738-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
1,1,1-Trichloroethane	ND		ug/L	5.0	0.07	1	379732	08/20/25	08/20/25	LYZ
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
Carbon Tetrachloride	ND		ug/L	5.0	0.09	1	379732	08/20/25	08/20/25	LYZ
1,2-Dichloroethane	ND		ug/L	5.0	0.06	1	379732	08/20/25	08/20/25	LYZ
Benzene	ND		ug/L	5.0	0.04	1	379732	08/20/25	08/20/25	LYZ
Trichloroethene	ND		ug/L	5.0	0.09	1	379732	08/20/25	08/20/25	LYZ
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
Bromodichloromethane	ND		ug/L	5.0	0.07	1	379732	08/20/25	08/20/25	LYZ
Dibromomethane	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.7	1	379732	08/20/25	08/20/25	LYZ
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	379732	08/20/25	08/20/25	LYZ
Toluene	ND		ug/L	5.0	0.2	1	379732	08/20/25	08/20/25	LYZ
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	379732	08/20/25	08/20/25	LYZ
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
1,3-Dichloropropane	ND		ug/L	5.0	0.05	1	379732	08/20/25	08/20/25	LYZ
Tetrachloroethene	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
Dibromochloromethane	ND		ug/L	5.0	0.06	1	379732	08/20/25	08/20/25	LYZ
1,2-Dibromoethane	ND		ug/L	5.0	0.06	1	379732	08/20/25	08/20/25	LYZ
Chlorobenzene	ND		ug/L	5.0	0.07	1	379732	08/20/25	08/20/25	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.05	1	379732	08/20/25	08/20/25	LYZ
Ethylbenzene	ND		ug/L	5.0	0.05	1	379732	08/20/25	08/20/25	LYZ
m,p-Xylenes	ND		ug/L	10	0.09	1	379732	08/20/25	08/20/25	LYZ
o-Xylene	ND		ug/L	5.0	0.06	1	379732	08/20/25	08/20/25	LYZ
Styrene	ND		ug/L	5.0	0.09	1	379732	08/20/25	08/20/25	LYZ
Bromoform	ND		ug/L	5.0	0.09	1	379732	08/20/25	08/20/25	LYZ
Isopropylbenzene	ND		ug/L	5.0	0.06	1	379732	08/20/25	08/20/25	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
1,2,3-Trichloropropane	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
Propylbenzene	0.05	J	ug/L	5.0	0.05	1	379732	08/20/25	08/20/25	LYZ
Bromobenzene	ND		ug/L	5.0	0.09	1	379732	08/20/25	08/20/25	LYZ
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.05	1	379732	08/20/25	08/20/25	LYZ
2-Chlorotoluene	ND		ug/L	5.0	0.06	1	379732	08/20/25	08/20/25	LYZ
4-Chlorotoluene	0.05	J	ug/L	5.0	0.05	1	379732	08/20/25	08/20/25	LYZ
tert-Butylbenzene	ND		ug/L	5.0	0.06	1	379732	08/20/25	08/20/25	LYZ
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.08	1	379732	08/20/25	08/20/25	LYZ
sec-Butylbenzene	ND		ug/L	5.0	0.07	1	379732	08/20/25	08/20/25	LYZ
para-Isopropyl Toluene	ND		ug/L	5.0	0.06	1	379732	08/20/25	08/20/25	LYZ
1,3-Dichlorobenzene	0.07	J	ug/L	5.0	0.06	1	379732	08/20/25	08/20/25	LYZ
1,4-Dichlorobenzene	0.1	J	ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
n-Butylbenzene	0.05	J	ug/L	5.0	0.04	1	379732	08/20/25	08/20/25	LYZ
1,2-Dichlorobenzene	ND		ug/L	5.0	0.09	1	379732	08/20/25	08/20/25	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	1	379732	08/20/25	08/20/25	LYZ
1,2,4-Trichlorobenzene	0.4	J	ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
Hexachlorobutadiene	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
Naphthalene	1.0	J	ug/L	5.0	0.2	1	379732	08/20/25	08/20/25	LYZ
1,2,3-Trichlorobenzene	0.4	J	ug/L	5.0	0.09	1	379732	08/20/25	08/20/25	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379732	08/20/25	08/20/25	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	379732	08/20/25	08/20/25	LYZ
Xylene (total)	ND		ug/L	5.0		1	379732	08/20/25	08/20/25	LYZ
Surrogates			Limits							
Dibromofluoromethane	99%		%REC	70-130		1	379732	08/20/25	08/20/25	LYZ

Analysis Results for 539738

539738-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	103%		%REC	70-130		1	379732	08/20/25	08/20/25	LYZ
Toluene-d8	100%		%REC	70-130		1	379732	08/20/25	08/20/25	LYZ
Bromofluorobenzene	100%		%REC	70-130		1	379732	08/20/25	08/20/25	LYZ

Method: EPA 8270C-SIM

Prep Method: EPA 3535

1,4-Dioxane	ND		ug/L	1.0	0.95	1	379053	08/13/25	08/13/25	ZFA
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Surrogates

Limits

1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	379053	08/13/25	08/13/25	ZFA
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Method: SM 4500-S2-D

Prep Method: METHOD

Sulfide	ND		mg/L	0.10		1	379161	08/13/25	08/13/25	TXC
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Method: SM 5310B

Prep Method: SM 5310B

Total Organic Carbon	0.94	J	mg/L	1.0	0.24	1	380079	08/22/25	08/23/25	AXS
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Method: SM2320B

Prep Method: METHOD

Alkalinity, Bicarbonate, as CaCO3	150		mg/L	5.0		2.5	379680	08/19/25	08/19/25	ARM
Alkalinity, Total as CaCO3	160		mg/L	5.0		2.5	379680	08/19/25	08/19/25	ARM

Method: SM2540C

Prep Method: METHOD

Total Dissolved Solids	370		mg/L	20		2	379118	08/13/25	08/14/25	RDL
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Analysis Results for 539738

Sample ID: DW-17
Lab ID: 539738-002
Collected: 08/11/25 09:29
Matrix: Water

539738-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.17	J	mg/L	0.20	0.073	1	379028	08/12/25 18:00	08/12/25 19:51	KUM
Chloride	150		mg/L	1.0	0.27	1	379028	08/12/25 18:00	08/12/25 19:51	KUM
Bromide	0.26	J	mg/L	0.30	0.060	1	379028	08/12/25 18:00	08/12/25 19:51	KUM
Nitrogen, Nitrate	0.93		mg/L	0.10	0.05	1	379028	08/12/25 18:00	08/12/25 19:51	KUM
Sulfate	180		mg/L	10	1.8	10	379028	08/12/25 18:00	08/12/25 20:07	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	379929	08/21/25	08/22/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.086		mg/L	0.050	0.0062	1	379027	08/12/25	08/13/25	SBW
Calcium	4.7		mg/L	1.0	0.57	1	379027	08/12/25	08/13/25	SBW
Iron	ND		mg/L	0.10	0.041	1	379027	08/12/25	08/13/25	SBW
Magnesium	0.13		mg/L	0.10	0.025	1	379027	08/12/25	08/13/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	379027	08/12/25	08/13/25	SBW
Potassium	0.88		mg/L	0.50	0.42	1	379027	08/12/25	08/13/25	SBW
Sodium	220		mg/L	0.50	0.34	1	379027	08/12/25	08/13/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Chloromethane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromomethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Chloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Acetone	ND		ug/L	100	14	1	379843	08/21/25	08/21/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	379843	08/21/25	08/21/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Chloroform	ND		ug/L	5.0	0.08	1	379843	08/21/25	08/21/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST

Analysis Results for 539738

539738-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	379843	08/21/25	08/21/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	379843	08/21/25	08/21/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromoform	ND		ug/L	5.0	0.06	1	379843	08/21/25	08/21/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	1	379843	08/21/25	08/21/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Naphthalene	ND		ug/L	5.0	0.6	1	379843	08/21/25	08/21/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379843	08/21/25	08/21/25	ZST
Surrogates				Limits						
Dibromofluoromethane	103%	%REC	70-130			1	379843	08/21/25	08/21/25	ZST
1,2-Dichloroethane-d4	98%	%REC	70-130			1	379843	08/21/25	08/21/25	ZST
Toluene-d8	99%	%REC	70-130			1	379843	08/21/25	08/21/25	ZST
Bromofluorobenzene	96%	%REC	70-130			1	379843	08/21/25	08/21/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 539738

539738-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	379053	08/13/25	08/13/25	ZFA
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	103%		%REC	80-120		1	379053	08/13/25	08/13/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	379161	08/13/25	08/13/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.24	1	380079	08/22/25	08/24/25	AXS
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	120		mg/L	3.3		1.7	379680	08/19/25	08/19/25	ARM
Alkalinity, Total as CaCO3	130		mg/L	3.3		1.7	379680	08/19/25	08/19/25	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	650		mg/L	20		2	379118	08/13/25	08/14/25	RDL

Analysis Results for 539738

Sample ID: DW-30
Lab ID: 539738-003
Collected: 08/11/25 10:50
Matrix: Water

539738-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.88		mg/L	0.20	0.073	1	379028	08/12/25 18:00	08/12/25 20:58	KUM
Chloride	58		mg/L	1.0	0.27	1	379028	08/12/25 18:00	08/12/25 20:58	KUM
Bromide	0.12	J	mg/L	0.30	0.060	1	379028	08/12/25 18:00	08/12/25 20:58	KUM
Nitrogen, Nitrate	0.24		mg/L	0.10	0.05	1	379028	08/12/25 18:00	08/12/25 20:58	KUM
Sulfate	300		mg/L	10	1.8	10	379028	08/12/25 18:00	08/12/25 22:06	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	379929	08/21/25	08/22/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.21		mg/L	0.050	0.0062	1	379027	08/12/25	08/13/25	SBW
Calcium	37		mg/L	1.0	0.57	1	379027	08/12/25	08/13/25	SBW
Iron	0.28		mg/L	0.10	0.041	1	379027	08/12/25	08/13/25	SBW
Magnesium	5.9		mg/L	0.10	0.025	1	379027	08/12/25	08/13/25	SBW
Manganese	0.031		mg/L	0.010	0.0029	1	379027	08/12/25	08/13/25	SBW
Potassium	1.8		mg/L	0.50	0.42	1	379027	08/12/25	08/13/25	SBW
Sodium	190		mg/L	0.50	0.34	1	379027	08/12/25	08/13/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Chloromethane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromomethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Chloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Acetone	ND		ug/L	100	14	1	379843	08/21/25	08/21/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	379843	08/21/25	08/21/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Chloroform	ND		ug/L	5.0	0.08	1	379843	08/21/25	08/21/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST

Analysis Results for 539738

539738-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	379843	08/21/25	08/21/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Tetrachloroethene	0.4	J	ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	379843	08/21/25	08/21/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromoform	ND		ug/L	5.0	0.06	1	379843	08/21/25	08/21/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	1	379843	08/21/25	08/21/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Naphthalene	ND		ug/L	5.0	0.6	1	379843	08/21/25	08/21/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379843	08/21/25	08/21/25	ZST
Surrogates			Limits							
Dibromofluoromethane	106%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
1,2-Dichloroethane-d4	100%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
Toluene-d8	99%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
Bromofluorobenzene	94%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 539738

539738-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	379053	08/13/25	08/13/25	ZFA
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	102%		%REC	80-120		1	379053	08/13/25	08/13/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	379161	08/13/25	08/13/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.24	1	380079	08/22/25	08/24/25	AXS
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	170		mg/L	3.3		1.7	379680	08/19/25	08/19/25	ARM
Alkalinity, Total as CaCO3	170		mg/L	3.3		1.7	379680	08/19/25	08/19/25	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	730		mg/L	20		2	379118	08/13/25	08/14/25	RDL

Analysis Results for 539738

Sample ID: DW-31
Lab ID: 539738-004
Collected: 08/11/25 11:48
Matrix: Water

539738-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.24		mg/L	0.20	0.073	1	379028	08/12/25 18:00	08/12/25 22:22	KUM
Chloride	85		mg/L	1.0	0.27	1	379028	08/12/25 18:00	08/12/25 22:22	KUM
Bromide	0.52		mg/L	0.30	0.060	1	379028	08/12/25 18:00	08/12/25 22:22	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	379028	08/12/25 18:00	08/12/25 22:22	KUM
Sulfate	290		mg/L	10	1.8	10	379028	08/12/25 18:00	08/12/25 22:39	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	379929	08/21/25	08/22/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	26		mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.48		mg/L	0.050	0.0062	1	379027	08/12/25	08/13/25	SBW
Calcium	150		mg/L	1.0	0.57	1	379027	08/12/25	08/13/25	SBW
Iron	0.25		mg/L	0.10	0.041	1	379027	08/12/25	08/13/25	SBW
Magnesium	28		mg/L	0.10	0.025	1	379027	08/12/25	08/13/25	SBW
Manganese	0.76		mg/L	0.010	0.0029	1	379027	08/12/25	08/13/25	SBW
Potassium	1.6		mg/L	0.50	0.42	1	379027	08/12/25	08/13/25	SBW
Sodium	120		mg/L	0.50	0.34	1	379027	08/12/25	08/13/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Chloromethane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromomethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Chloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Acetone	ND		ug/L	100	14	1	379843	08/21/25	08/21/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	379843	08/21/25	08/21/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Chloroform	ND		ug/L	5.0	0.08	1	379843	08/21/25	08/21/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST

Analysis Results for 539738

539738-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	379843	08/21/25	08/21/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	379843	08/21/25	08/21/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromoform	ND		ug/L	5.0	0.06	1	379843	08/21/25	08/21/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	1	379843	08/21/25	08/21/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Naphthalene	ND		ug/L	5.0	0.6	1	379843	08/21/25	08/21/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379843	08/21/25	08/21/25	ZST
Surrogates			Limits							
Dibromofluoromethane	107%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
1,2-Dichloroethane-d4	102%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
Toluene-d8	98%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 539738

539738-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	9.7		ug/L	1.0	0.95	1	379053	08/13/25	08/13/25	ZFA
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	106%		%REC	80-120		1	379053	08/13/25	08/13/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	379161	08/13/25	08/13/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	8.1		mg/L	1.0	0.24	1	380079	08/22/25	08/24/25	AXS
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	350		mg/L	5.0	2.5	379680	08/19/25	08/19/25	08/19/25	ARM
Alkalinity, Total as CaCO3	350		mg/L	5.0	2.5	379680	08/19/25	08/19/25	08/19/25	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	980		mg/L	20		2	379118	08/13/25	08/14/25	RDL

Analysis Results for 539738

Sample ID: QCFB
Lab ID: 539738-005
Collected: 08/11/25 09:32
Matrix: Water

539738-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Chloromethane	0.2	J	ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromomethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Chloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Acetone	ND		ug/L	100	14	1	379843	08/21/25	08/21/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Methylene Chloride	0.3	J	ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	379843	08/21/25	08/21/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Chloroform	0.7	J	ug/L	5.0	0.08	1	379843	08/21/25	08/21/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Benzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	379843	08/21/25	08/21/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	379843	08/21/25	08/21/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromoform	ND		ug/L	5.0	0.06	1	379843	08/21/25	08/21/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST

Analysis Results for 539738

539738-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	1	379843	08/21/25	08/21/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Naphthalene	ND		ug/L	5.0	0.6	1	379843	08/21/25	08/21/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379843	08/21/25	08/21/25	ZST
Surrogates	Limits									
Dibromofluoromethane	104%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
1,2-Dichloroethane-d4	100%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
Toluene-d8	100%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
Bromofluorobenzene	99%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST

Analysis Results for 539738

Sample ID: QCTB
Lab ID: 539738-006
Collected: 08/11/25
Matrix: Water

539738-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Chloromethane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromomethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Chloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Acetone	ND		ug/L	100	14	1	379843	08/21/25	08/21/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Methylene Chloride	0.5	J	ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	379843	08/21/25	08/21/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Chloroform	0.8	J	ug/L	5.0	0.08	1	379843	08/21/25	08/21/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Benzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	379843	08/21/25	08/21/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	379843	08/21/25	08/21/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromoform	ND		ug/L	5.0	0.06	1	379843	08/21/25	08/21/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST

Analysis Results for 539738

539738-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	1	379843	08/21/25	08/21/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Naphthalene	ND		ug/L	5.0	0.6	1	379843	08/21/25	08/21/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379843	08/21/25	08/21/25	ZST
Surrogates	Limits									
Dibromofluoromethane	106%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
1,2-Dichloroethane-d4	99%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
Toluene-d8	97%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST

J Estimated value
ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1283615	Batch: 379028
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1283615 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	08/12/25 18:00	08/12/25 18:26
Chloride	ND		mg/L	1.0	0.27	08/12/25 18:00	08/12/25 18:26
Bromide	ND		mg/L	0.30	0.060	08/12/25 18:00	08/12/25 18:26
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	08/12/25 18:00	08/12/25 18:26
Sulfate	ND		mg/L	1.0	0.18	08/12/25 18:00	08/12/25 18:26

Type: Lab Control Sample	Lab ID: QC1283616	Batch: 379028
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1283616 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.699	10.00	mg/L	97%		90-110
Chloride	45.99	50.00	mg/L	92%		90-110
Bromide	14.38	15.00	mg/L	96%		90-110
Nitrogen, Nitrate	4.482	4.518	mg/L	99%		90-110
Sulfate	24.55	25.00	mg/L	98%		90-110

Type: Matrix Spike	Lab ID: QC1283617	Batch: 379028
Matrix (Source ID): Water (539738-001)	Method: EPA 300.0	Prep Method: METHOD

QC1283617 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	20.51	0.4073	20.00	mg/L	101%		80-129	1
Chloride	190.9	94.46	100.0	mg/L	96%		80-123	1
Bromide	14.60	0.09811	15.00	mg/L	97%		80-121	1
Nitrogen, Nitrate	9.400	0.2974	9.036	mg/L	101%		80-123	1
Sulfate	78.20	29.15	50.00	mg/L	98%		79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1283618	Batch: 379028
Matrix (Source ID): Water (539738-001)	Method: EPA 300.0	Prep Method: METHOD

QC1283618 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	20.76	0.4073	20.00	mg/L	102%		80-129	1	21	1
Chloride	192.2	94.46	100.0	mg/L	98%		80-123	1	20	1
Bromide	14.81	0.09811	15.00	mg/L	98%		80-121	1	20	1
Nitrogen, Nitrate	9.526	0.2974	9.036	mg/L	102%		80-123	1	20	1
Sulfate	78.80	29.15	50.00	mg/L	99%		79-124	1	20	1

Type: Blank	Lab ID: QC1286769	Batch: 379929
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1286769 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	08/21/25	08/22/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1286770	Batch: 379929
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1286770 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.026	1.000	mg/L	103%		90-110

Type: Matrix Spike	Lab ID: QC1286771	Batch: 379929
Matrix (Source ID): Water (539738-001)	Method: EPA 350.1	Prep Method: METHOD

QC1286771 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9573	ND	1.000	mg/L	96%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1286772	Batch: 379929
Matrix (Source ID): Water (539738-001)	Method: EPA 350.1	Prep Method: METHOD

QC1286772 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.8513	ND	1.000	mg/L	85%	*	90-110	12	20	1

Type: Matrix Spike	Lab ID: QC1286773	Batch: 379929
Matrix (Source ID): Water (539738-002)	Method: EPA 350.1	Prep Method: METHOD

QC1286773 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9796	ND	1.000	mg/L	98%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1286774	Batch: 379929
Matrix (Source ID): Water (539738-002)	Method: EPA 350.1	Prep Method: METHOD

QC1286774 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.021	ND	1.000	mg/L	102%		90-110	4	20	1

Type: Blank	Lab ID: QC1284339	Batch: 379259
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1284339 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	08/14/25	08/14/25

Type: Lab Control Sample	Lab ID: QC1284340	Batch: 379259
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1284340 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	100.0	100.0	mg/L	100%		90-110

Batch QC

Type: Matrix Spike	Lab ID: QC1284341	Batch: 379259
Matrix (Source ID): Water (539423-001)	Method: EPA 410.4	Prep Method: METHOD

QC1284341 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	102.0	3.000	100.0	mg/L	99%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1284342	Batch: 379259
Matrix (Source ID): Water (539423-001)	Method: EPA 410.4	Prep Method: METHOD

QC1284342 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	100.0	3.000	100.0	mg/L	97%		75-125	2	20	2

Type: Matrix Spike	Lab ID: QC1284343	Batch: 379259
Matrix (Source ID): Water (539738-001)	Method: EPA 410.4	Prep Method: METHOD

QC1284343 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	88.00	ND	100.0	mg/L	88%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1284344	Batch: 379259
Matrix (Source ID): Water (539738-001)	Method: EPA 410.4	Prep Method: METHOD

QC1284344 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	88.00	ND	100.0	mg/L	88%		75-125	0	20	2

Type: Lab Control Sample	Lab ID: QC1283597	Batch: 379027
Matrix: Filtrate	Method: EPA 6010B	Prep Method: EPA 3015A

QC1283597 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3539	0.4000	mg/L	88%		80-120
Calcium	18.59	20.40	mg/L	91%		80-120
Iron	0.3848	0.4000	mg/L	96%		80-120
Magnesium	19.26	20.40	mg/L	94%		80-120
Manganese	0.3782	0.4000	mg/L	95%		80-120
Potassium	21.93	24.00	mg/L	91%		80-120
Sodium	19.04	20.40	mg/L	93%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1283598	Batch: 379027
Matrix (Source ID): Water (539652-007)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1283598 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.3575	ND	0.4000	mg/L	89%		75-125	1
Calcium	18.43	ND	20.40	mg/L	90%		75-125	1
Iron	0.3928	ND	0.4000	mg/L	98%		75-125	1
Magnesium	19.07	ND	20.40	mg/L	93%		75-125	1
Manganese	0.3755	ND	0.4000	mg/L	94%		75-125	1
Potassium	21.83	ND	24.00	mg/L	91%		75-125	1
Sodium	18.96	ND	20.40	mg/L	93%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1283599	Batch: 379027
Matrix (Source ID): Water (539652-007)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1283599 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.3600	ND	0.4000	mg/L	90%		75-125	1	20	1
Calcium	18.56	ND	20.40	mg/L	91%		75-125	1	20	1
Iron	0.3934	ND	0.4000	mg/L	98%		75-125	0	22	1
Magnesium	19.22	ND	20.40	mg/L	94%		75-125	1	20	1
Manganese	0.3781	ND	0.4000	mg/L	95%		75-125	1	20	1
Potassium	21.94	ND	24.00	mg/L	91%		75-125	1	20	1
Sodium	18.96	ND	20.40	mg/L	93%		75-125	0	20	1

Type: Blank	Lab ID: QC1283628	Batch: 379027
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1283628 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	08/12/25	08/13/25
Calcium	ND		mg/L	1.0	0.57	08/12/25	08/13/25
Iron	ND		mg/L	0.10	0.046	08/12/25	08/13/25
Magnesium	ND		mg/L	0.10	0.025	08/12/25	08/13/25
Manganese	ND		mg/L	0.010	0.0029	08/12/25	08/13/25
Potassium	ND		mg/L	0.50	0.40	08/12/25	08/13/25
Sodium	ND		mg/L	0.60	0.35	08/12/25	08/13/25

Batch QC

Type: Serial Dilution	Lab ID: QC1283630	Batch: 379027
Matrix (Source ID): Water (539652-007)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1283630 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	ND	ND	mg/L				5
Calcium	ND	ND	mg/L				5
Iron	ND	ND	mg/L				5
Magnesium	ND	ND	mg/L				5
Manganese	ND	ND	mg/L				5
Potassium	ND	ND	mg/L				5
Sodium	ND	ND	mg/L				5

Type: Lab Control Sample	Lab ID: QC1286092	Batch: 379732
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1286092 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	51.29	50.00	ug/L	103%		69-128
MTBE	47.11	50.00	ug/L	94%		66-125
Benzene	51.14	50.00	ug/L	102%		76-121
Trichloroethene	52.92	50.00	ug/L	106%		76-124
Toluene	50.79	50.00	ug/L	102%		76-120
Chlorobenzene	49.63	50.00	ug/L	99%		78-120
Surrogates						
Dibromofluoromethane	48.74	50.00	ug/L	97%		70-130
1,2-Dichloroethane-d4	48.64	50.00	ug/L	97%		70-130
Toluene-d8	50.78	50.00	ug/L	102%		70-130
Bromofluorobenzene	50.86	50.00	ug/L	102%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1286093	Batch: 379732
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1286093 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	50.41	50.00	ug/L	101%		69-128	2	23
MTBE	46.30	50.00	ug/L	93%		66-125	2	22
Benzene	49.67	50.00	ug/L	99%		76-121	3	21
Trichloroethene	50.83	50.00	ug/L	102%		76-124	4	22
Toluene	49.19	50.00	ug/L	98%		76-120	3	21
Chlorobenzene	48.78	50.00	ug/L	98%		78-120	2	20
Surrogates								
Dibromofluoromethane	48.93	50.00	ug/L	98%		70-130		
1,2-Dichloroethane-d4	48.46	50.00	ug/L	97%		70-130		
Toluene-d8	50.16	50.00	ug/L	100%		70-130		
Bromofluorobenzene	49.47	50.00	ug/L	99%		70-130		

Batch QC

Type: Blank	Lab ID: QC1286097	Batch: 379732
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1286097 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.3	08/20/25	08/20/25
Freon 12	ND		ug/L	5.0	0.2	08/20/25	08/20/25
Chloromethane	ND		ug/L	5.0	0.4	08/20/25	08/20/25
Vinyl Chloride	ND		ug/L	5.0	0.2	08/20/25	08/20/25
Bromomethane	ND		ug/L	5.0	0.2	08/20/25	08/20/25
Chloroethane	ND		ug/L	5.0	0.2	08/20/25	08/20/25
Trichlorofluoromethane	ND		ug/L	5.0	0.2	08/20/25	08/20/25
Acetone	ND		ug/L	100	16	08/20/25	08/20/25
Freon 113	ND		ug/L	5.0	0.1	08/20/25	08/20/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	08/20/25	08/20/25
Methylene Chloride	ND		ug/L	5.0	0.2	08/20/25	08/20/25
MTBE	ND		ug/L	5.0	0.03	08/20/25	08/20/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.06	08/20/25	08/20/25
1,1-Dichloroethane	ND		ug/L	5.0	0.05	08/20/25	08/20/25
2-Butanone	ND		ug/L	100	1.3	08/20/25	08/20/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.05	08/20/25	08/20/25
2,2-Dichloropropane	ND		ug/L	5.0	0.1	08/20/25	08/20/25
Chloroform	ND		ug/L	5.0	0.1	08/20/25	08/20/25
Bromochloromethane	ND		ug/L	5.0	0.1	08/20/25	08/20/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.07	08/20/25	08/20/25
1,1-Dichloropropene	ND		ug/L	5.0	0.1	08/20/25	08/20/25
Carbon Tetrachloride	ND		ug/L	5.0	0.09	08/20/25	08/20/25
1,2-Dichloroethane	ND		ug/L	5.0	0.06	08/20/25	08/20/25
Benzene	ND		ug/L	5.0	0.04	08/20/25	08/20/25
Trichloroethene	ND		ug/L	5.0	0.09	08/20/25	08/20/25
1,2-Dichloropropane	ND		ug/L	5.0	0.1	08/20/25	08/20/25
Bromodichloromethane	ND		ug/L	5.0	0.07	08/20/25	08/20/25
Dibromomethane	ND		ug/L	5.0	0.1	08/20/25	08/20/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.7	08/20/25	08/20/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	08/20/25	08/20/25
Toluene	ND		ug/L	5.0	0.2	08/20/25	08/20/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	08/20/25	08/20/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	08/20/25	08/20/25
1,3-Dichloropropane	ND		ug/L	5.0	0.05	08/20/25	08/20/25
Tetrachloroethene	ND		ug/L	5.0	0.1	08/20/25	08/20/25
Dibromochloromethane	ND		ug/L	5.0	0.06	08/20/25	08/20/25
1,2-Dibromoethane	ND		ug/L	5.0	0.06	08/20/25	08/20/25
Chlorobenzene	ND		ug/L	5.0	0.07	08/20/25	08/20/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.05	08/20/25	08/20/25
Ethylbenzene	ND		ug/L	5.0	0.05	08/20/25	08/20/25
m,p-Xylenes	ND		ug/L	10	0.09	08/20/25	08/20/25
o-Xylene	ND		ug/L	5.0	0.06	08/20/25	08/20/25
Styrene	ND		ug/L	5.0	0.09	08/20/25	08/20/25
Bromoform	ND		ug/L	5.0	0.09	08/20/25	08/20/25
Isopropylbenzene	ND		ug/L	5.0	0.06	08/20/25	08/20/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	08/20/25	08/20/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.1	08/20/25	08/20/25

Batch QC

QC1286097 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.05	08/20/25	08/20/25
Bromobenzene	ND		ug/L	5.0	0.09	08/20/25	08/20/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.05	08/20/25	08/20/25
2-Chlorotoluene	ND		ug/L	5.0	0.06	08/20/25	08/20/25
4-Chlorotoluene	ND		ug/L	5.0	0.05	08/20/25	08/20/25
tert-Butylbenzene	ND		ug/L	5.0	0.06	08/20/25	08/20/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.08	08/20/25	08/20/25
sec-Butylbenzene	ND		ug/L	5.0	0.07	08/20/25	08/20/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.06	08/20/25	08/20/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	08/20/25	08/20/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	08/20/25	08/20/25
n-Butylbenzene	ND		ug/L	5.0	0.04	08/20/25	08/20/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.09	08/20/25	08/20/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	08/20/25	08/20/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	08/20/25	08/20/25
Hexachlorobutadiene	ND		ug/L	5.0	0.1	08/20/25	08/20/25
Naphthalene	ND		ug/L	5.0	0.2	08/20/25	08/20/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	08/20/25	08/20/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	08/20/25	08/20/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	08/20/25	08/20/25
Xylene (total)	ND		ug/L	5.0		08/20/25	08/20/25
Surrogates				Limits			
Dibromofluoromethane	97%		%REC	70-130		08/20/25	08/20/25
1,2-Dichloroethane-d4	99%		%REC	70-130		08/20/25	08/20/25
Toluene-d8	102%		%REC	70-130		08/20/25	08/20/25
Bromofluorobenzene	101%		%REC	70-130		08/20/25	08/20/25

Type: Matrix Spike	Lab ID: QC1286256	Batch: 379732
Matrix (Source ID): Water (539738-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1286256 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	20.76	ND	20.00	ug/L	104%		62-131	1
MTBE	20.14	ND	20.00	ug/L	101%		61-124	1
Benzene	21.91	ND	20.00	ug/L	110%		70-123	1
Trichloroethene	22.13	ND	20.00	ug/L	111%		65-131	1
Toluene	21.57	ND	20.00	ug/L	108%		69-120	1
Chlorobenzene	22.21	ND	20.00	ug/L	111%		72-121	1
Surrogates								
Dibromofluoromethane	48.75		50.00	ug/L	97%		70-130	1
1,2-Dichloroethane-d4	51.16		50.00	ug/L	102%		70-130	1
Toluene-d8	49.63		50.00	ug/L	99%		70-130	1
Bromofluorobenzene	48.51		50.00	ug/L	97%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1286257	Batch: 379732
Matrix (Source ID): Water (539738-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1286257 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	21.72	ND	20.00	ug/L	109%		62-131	4	31	1
MTBE	21.10	ND	20.00	ug/L	106%		61-124	5	30	1
Benzene	22.60	ND	20.00	ug/L	113%		70-123	3	31	1
Trichloroethene	22.06	ND	20.00	ug/L	110%		65-131	0	31	1
Toluene	21.50	ND	20.00	ug/L	108%		69-120	0	29	1
Chlorobenzene	22.07	ND	20.00	ug/L	110%		72-121	1	29	1
Surrogates										
Dibromofluoromethane	50.11		50.00	ug/L	100%		70-130			1
1,2-Dichloroethane-d4	52.87		50.00	ug/L	106%		70-130			1
Toluene-d8	48.69		50.00	ug/L	97%		70-130			1
Bromofluorobenzene	48.93		50.00	ug/L	98%		70-130			1

Batch QC

Type: Blank	Lab ID: QC1286470	Batch: 379843
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1286470 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.2	08/21/25	08/21/25
Freon 12	ND		ug/L	5.0	0.2	08/21/25	08/21/25
Chloromethane	ND		ug/L	5.0	0.09	08/21/25	08/21/25
Vinyl Chloride	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Bromomethane	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Chloroethane	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Trichlorofluoromethane	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Acetone	ND		ug/L	100	14	08/21/25	08/21/25
Freon 113	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Methylene Chloride	ND		ug/L	5.0	0.2	08/21/25	08/21/25
MTBE	ND		ug/L	5.0	0.1	08/21/25	08/21/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,1-Dichloroethane	ND		ug/L	5.0	0.09	08/21/25	08/21/25
2-Butanone	ND		ug/L	100	1.3	08/21/25	08/21/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
2,2-Dichloropropane	ND		ug/L	5.0	0.2	08/21/25	08/21/25
Chloroform	ND		ug/L	5.0	0.08	08/21/25	08/21/25
Bromochloromethane	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,1-Dichloropropene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Carbon Tetrachloride	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,2-Dichloroethane	ND		ug/L	5.0	0.2	08/21/25	08/21/25
Benzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Trichloroethene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,2-Dichloropropane	ND		ug/L	5.0	0.09	08/21/25	08/21/25
Bromodichloromethane	ND		ug/L	5.0	0.07	08/21/25	08/21/25
Dibromomethane	ND		ug/L	5.0	0.1	08/21/25	08/21/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	08/21/25	08/21/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Toluene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	08/21/25	08/21/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,3-Dichloropropane	ND		ug/L	5.0	0.07	08/21/25	08/21/25
Tetrachloroethene	ND		ug/L	5.0	0.2	08/21/25	08/21/25
Dibromochloromethane	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,2-Dibromoethane	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Chlorobenzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	08/21/25	08/21/25
Ethylbenzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
m,p-Xylenes	ND		ug/L	10	0.2	08/21/25	08/21/25
o-Xylene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Styrene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Bromoform	ND		ug/L	5.0	0.06	08/21/25	08/21/25
Isopropylbenzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	08/21/25	08/21/25

Batch QC

QC1286470 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Bromobenzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
2-Chlorotoluene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
4-Chlorotoluene	ND		ug/L	5.0	0.2	08/21/25	08/21/25
tert-Butylbenzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
sec-Butylbenzene	ND		ug/L	5.0	0.2	08/21/25	08/21/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	08/21/25	08/21/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	08/21/25	08/21/25
n-Butylbenzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	08/21/25	08/21/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	08/21/25	08/21/25
Hexachlorobutadiene	ND		ug/L	5.0	0.3	08/21/25	08/21/25
Naphthalene	ND		ug/L	5.0	0.6	08/21/25	08/21/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	08/21/25	08/21/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	08/21/25	08/21/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	08/21/25	08/21/25
Xylene (total)	ND		ug/L	5.0		08/21/25	08/21/25
Surrogates				Limits			
Dibromofluoromethane	105%		%REC	70-130		08/21/25	08/21/25
1,2-Dichloroethane-d4	100%		%REC	70-130		08/21/25	08/21/25
Toluene-d8	99%		%REC	70-130		08/21/25	08/21/25
Bromofluorobenzene	95%		%REC	70-130		08/21/25	08/21/25

Type: Lab Control Sample
Matrix: Water

Lab ID: QC1286471
Method: EPA 8260B

Batch: 379843
Prep Method: EPA 5030B

QC1286471 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	50.92	50.00	ug/L	102%		69-128
MTBE	51.73	50.00	ug/L	103%		66-125
Benzene	52.82	50.00	ug/L	106%		76-121
Trichloroethene	52.86	50.00	ug/L	106%		76-124
Toluene	53.08	50.00	ug/L	106%		76-120
Chlorobenzene	53.04	50.00	ug/L	106%		78-120
Surrogates						
Dibromofluoromethane	51.54	50.00	ug/L	103%		70-130
1,2-Dichloroethane-d4	49.59	50.00	ug/L	99%		70-130
Toluene-d8	49.65	50.00	ug/L	99%		70-130
Bromofluorobenzene	47.11	50.00	ug/L	94%		70-130

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1286472	Batch: 379843
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1286472 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	46.05	50.00	ug/L	92%		69-128	10	23
MTBE	48.74	50.00	ug/L	97%		66-125	6	22
Benzene	48.72	50.00	ug/L	97%		76-121	8	21
Trichloroethene	48.11	50.00	ug/L	96%		76-124	9	22
Toluene	48.17	50.00	ug/L	96%		76-120	10	21
Chlorobenzene	48.05	50.00	ug/L	96%		78-120	10	20
Surrogates								
Dibromofluoromethane	51.53	50.00	ug/L	103%		70-130		
1,2-Dichloroethane-d4	49.13	50.00	ug/L	98%		70-130		
Toluene-d8	48.91	50.00	ug/L	98%		70-130		
Bromofluorobenzene	45.68	50.00	ug/L	91%		70-130		

Type: Matrix Spike	Lab ID: QC1286528	Batch: 379843
Matrix (Source ID): Water (540387-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1286528 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	1,063	ND	1000	ug/L	106%		62-131	50
MTBE	1,021	ND	1000	ug/L	102%		61-124	50
Benzene	1,133	27.93	1000	ug/L	110%		70-123	50
Trichloroethene	1,156	ND	1000	ug/L	116%		65-131	50
Toluene	1,126	17.91	1000	ug/L	111%		69-120	50
Chlorobenzene	1,111	ND	1000	ug/L	111%		72-121	50
Surrogates								
Dibromofluoromethane	2,597		2500	ug/L	104%		70-130	50
1,2-Dichloroethane-d4	2,511		2500	ug/L	100%		70-130	50
Toluene-d8	2,503		2500	ug/L	100%		70-130	50
Bromofluorobenzene	2,328		2500	ug/L	93%		70-130	50

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1286529	Batch: 379843
Matrix (Source ID): Water (540387-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1286529 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	1,117	ND	1000	ug/L	112%		62-131	5	31	50
MTBE	1,065	ND	1000	ug/L	107%		61-124	4	30	50
Benzene	1,176	27.93	1000	ug/L	115%		70-123	4	31	50
Trichloroethene	1,131	ND	1000	ug/L	113%		65-131	2	31	50
Toluene	1,112	17.91	1000	ug/L	109%		69-120	1	29	50
Chlorobenzene	1,104	ND	1000	ug/L	110%		72-121	1	29	50
Surrogates										
Dibromofluoromethane	2,701		2500	ug/L	108%		70-130			50
1,2-Dichloroethane-d4	2,766		2500	ug/L	111%		70-130			50
Toluene-d8	2,493		2500	ug/L	100%		70-130			50
Bromofluorobenzene	2,356		2500	ug/L	94%		70-130			50

Type: Blank	Lab ID: QC1283710	Batch: 379053
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1283710 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.95	08/13/25	08/13/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	105%		%REC	80-120		08/13/25	08/13/25

Type: Lab Control Sample	Lab ID: QC1283711	Batch: 379053
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1283711 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	10.05	10.00	ug/L	101%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.31	10.00	ug/L	103%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1283712	Batch: 379053
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1283712 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	9.921	10.00	ug/L	99%		79-120	1	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.24	10.00	ug/L	102%		80-120		

Type: Blank	Lab ID: QC1284050	Batch: 379161
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1284050 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		08/13/25	08/13/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1284051	Batch: 379161
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1284051 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1284052	Batch: 379161
Matrix (Source ID): Water (539841-005)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1284052 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1284053	Batch: 379161
Matrix (Source ID): Water (539841-005)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1284053 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	0	20	1

Type: Blank	Lab ID: QC1287276	Batch: 380079
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1287276 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.24	08/22/25	08/23/25

Type: Lab Control Sample	Lab ID: QC1287277	Batch: 380079
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1287277 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	24.28	25.00	mg/L	97%		85-115

Type: Matrix Spike	Lab ID: QC1287278	Batch: 380079
Matrix (Source ID): Water (539738-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1287278 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	27.91	0.9392	25.00	mg/L	108%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1287279	Batch: 380079
Matrix (Source ID): Water (539738-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1287279 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Total Organic Carbon	28.63	0.9392	25.00	mg/L	111%		75-125	3	25	1

Batch QC

Type: Blank	Lab ID: QC1285918	Batch: 379680
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1285918 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		08/19/25	08/19/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		08/19/25	08/19/25

Type: Lab Control Sample	Lab ID: QC1285919	Batch: 379680
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1285919 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	898.9	1000	mg/L	90%		90-110

Type: Sample Duplicate	Lab ID: QC1285920	Batch: 379680
Matrix (Source ID): Water (539618-002)	Method: SM2320B	Prep Method: METHOD

QC1285920 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	112.6	110.8	mg/L		2	20	2.5
Alkalinity, Total as CaCO ₃	112.6	110.8	mg/L		2	20	2.5

Type: Blank	Lab ID: QC1283890	Batch: 379118
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1283890 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		08/13/25	08/14/25

Type: Lab Control Sample	Lab ID: QC1283891	Batch: 379118
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1283891 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,024	1000	mg/L	102%		90-110

Type: Sample Duplicate	Lab ID: QC1283892	Batch: 379118
Matrix (Source ID): Water (539509-001)	Method: SM2540C	Prep Method: METHOD

QC1283892 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	2,548	2546	mg/L		0	5	2

Type: Sample Duplicate	Lab ID: QC1283893	Batch: 379118
Matrix (Source ID): Water (539686-002)	Method: SM2540C	Prep Method: METHOD

QC1283893 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	1,596	1630	mg/L		2	5	2

Batch QC

* Value is outside QC limits
ND Not Detected

Laboratory Job Number 539738

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2508891

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-539738

Project Location:

Project Received: 08/14/2025

Analytical Report reviewed & approved for release on 08/18/2025 by:

Jena Alfaro

Project Manager

McC Campbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.





Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2508891

Project: EO-539738

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit ¹
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit ²
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

¹ MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

² RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.



Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2508891

Project: EO-539738

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	"Too Numerous to Count," greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Analytical Report

Client: Enthalpy Analytical
Date Received: 08/14/2025 9:24
Date Prepared: 08/18/2025
Project: EO-539738

WorkOrder: 2508891
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-14	2508891-001A	Water	08/11/2025 08:15	GC26 0818250904.D	323908

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	350	50	50	1	08/18/2025 10:38

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-17	2508891-002A	Water	08/11/2025 09:29	GC26 0818250905.D	323908

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	310	50	50	1	08/18/2025 11:05

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-30	2508891-003A	Water	08/11/2025 10:50	GC26 0818250907.D	323908

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	2600	100	100	2	08/18/2025 11:32

Analyst(s): CLO

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 08/14/2025 9:24
Date Prepared: 08/18/2025
Project: EO-539738

WorkOrder: 2508891
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-31	2508891-004A	Water	08/11/2025 11:48	GC26 0818250909.D	323908

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	38,000	2000	2000	40	08/18/2025 13:08

Analyst(s): CLO



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 08/18/2025
Date Analyzed: 08/18/2025
Instrument: GC26
Matrix: Water
Project: EO-539738

WorkOrder: 2508891
BatchID: 323908
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-323908

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	140	130	187.2	75	70	70-130	6.79	30

McCampbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

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CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2508891

ClientCode: ENO

QuoteID: 252619

☐ EQulS ☐ Dry-Weight ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag
☐ Detection Summary ☒ Excel [A1_Standard_QC]

Report to:

Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 079649
Project: EO-539738

Bill to:

Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: 2 days;

Date Received: 08/14/2025

Date Logged: 08/14/2025

Lab ID	ClientSampleID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2508891-001	DW-14	Water	8/11/2025 08:15	☐	A	A										
2508891-002	DW-17	Water	8/11/2025 09:29	☐	A	A										
2508891-003	DW-30	Water	8/11/2025 10:50	☐	A	A										
2508891-004	DW-31	Water	8/11/2025 11:48	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Valerie Alfaro

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mcccampbell.com / E-mail: main@mcccampbell.com

WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL

Project: EO-539738

Work Order: 2508891

Client Contact: Zach Barker

QC Level: LEVEL 2

Contact's Email: zach.barker@enthalpy.com

Comments

Date Logged: 8/14/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☒ Excel ☐ EQuIS ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-14	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	8/11/2025 8:15	2 days	8/18/2025	Present	☐	☐
002A	DW-17	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	8/11/2025 9:29	2 days	8/18/2025	Trace	☐	☐
003A	DW-30	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	8/11/2025 10:50	2 days	8/18/2025	Present	☐	☐
004A	DW-31	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	8/11/2025 11:48	2 days	8/18/2025	Present	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U** = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.

HOLD TIME RUSH

2508891



931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:

McC Campbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-539738

PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel
EDD

Notes:

--

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-14	11-AUG-2025 08:15	539738-001	3	Water	RSK-175 CO2	
DW-17	11-AUG-2025 09:29	539738-002	3	Water	RSK-175 CO2	
DW-30	11-AUG-2025 10:50	539738-003	3	Water	RSK-175 CO2	
DW-31	11-AUG-2025 11:48	539738-004	3	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	<i>[Signature]</i>	<i>FedEx</i>
	Date: 8-13-25 15:01	Date:
	<i>FedEx</i>	<i>[Signature]</i>
	Date:	Date: 8/14/25 0924
	Date:	Date:

TN: 8835 5297 1761

2.3 wet
1 Rul



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-539738

Date and Time Received: 8/14/2025 09:24
Date Logged: 8/14/2025

WorkOrder №: 2508891 Matrix:
Carrier: FedEx

Received by:
Logged by: Valerie Alfaro

Chain of Custody (COC) Information

Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Sample IDs noted by Client on COC?	Yes ☒	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☒	No ☐	
Sampler's name noted on COC?	Yes ☒	No ☐	
COC agrees with Quote?	Yes ☒	No ☐	NA ☐
COC quote NOT expired?	Yes ☐	No ☐	NA ☒

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☒	No ☐	NA ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	NA ☒
Shipping container/cooler in good condition?	Yes ☒	No ☐	
Samples in proper containers/bottles?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☒	No ☐	NA ☐
Samples Received on Ice?	Yes ☒	No ☐	

(Ice Type: WET ICE)

Sample/Temp Blank temperature	Temp: 2.3°C	NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☒ No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☒ No ☐	
pH acceptable upon receipt (Metal: <2)?	Yes ☐ No ☐	NA ☒

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐ No ☐	NA ☒
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes ☐ No ☐	NA ☒

Comments:



Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 539764
Report Level : II
Report Date : 09/02/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill / Quarterly MPars

Authorized for release by:

Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197



Sample Summary

Steve Cassulo	Lab Job #:	539764
Waste Connections	Project No:	GW MONITORING
Chiquita Canyon Landfill	Location:	Chiquita Canyon Landfill / Quarterly MPars
29201 Henry Mayo	Date Received:	08/12/25
Drive		
Castaic, CA 91384		

Sample ID	Lab ID	Collected	Matrix
DW-1	539764-001	08/12/25 07:52	Water
DW-16	539764-002	08/12/25 08:49	Water
DW-3	539764-003	08/12/25 09:48	Water
PZ-4	539764-004	08/12/25 10:44	Water
QCFB	539764-005	08/12/25 10:46	Water
QCTB	539764-006	08/12/25 00:00	Water

Case Narrative

Waste Connections	Lab Job Number: 539764
Chiquita Canyon Landfill	Project No: GW MONITORING
29201 Henry Mayo Drive	Location: Chiquita Canyon Landfill / Quarterly
Castaic, CA 91384	MPars
Steve Cassulo	Date Received: 08/12/25

This data package contains sample and QC results for six water samples, requested for the above referenced project on 08/13/25. The samples were received cold and intact.

Volatile Organics by GC/MS (EPA 8260B):

- High recoveries were observed for benzene, 1,1-dichloroethene, and MTBE in the MS/MSD of DW-1 (lab # 539764-001); the BS/BSD were within limits, the associated RPDs were within limits, and these analytes were not detected at or above the RL in the associated samples.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):

No analytical problems were encountered.

Metals (EPA 6010B):

- Iron was detected above the RL in the method blank for batch 379158; this analyte was not detected in samples at or above the RL.
- No other analytical problems were encountered.

Ion Chromatography (EPA 300.0):

- Responses exceeding the instrument's linear range were observed for sulfate in the MS/MSD of DW-3 (lab # 539764-003); affected data was qualified with "E".
- No other analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):

No analytical problems were encountered.

Alkalinity (SM2320B):

No analytical problems were encountered.

Sulfide (SM 4500-S2-D):

No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):

No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):

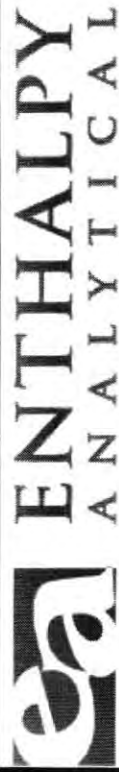
No analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):

- Low recovery was observed for ammonia-N in the MS of DW-1 (lab # 539764-001); the LCS was within limits. High RPD was also observed for ammonia-N in the MS/MSD of DW-1 (lab # 539764-001); this analyte was not detected at or above the RL in the associated samples.
- Low recoveries were observed for ammonia-N in the MS/MSD for batch 380324; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

RSK-175 CO2 (RSK-175):

McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.



Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Chain of Custody Record

Lab No:

539764

Page:

1 of 1

Turn Around Time (rush by advanced notice only)

Standard:

X

5 Day:

3 Day:

2 Day:

1 Day:

Custom TAT:

Matrix: A = Air S = Soil/Solid

W = Water DW = Drinking Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

Sample Receipt Temp:

1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
4 = H₂SO₄ 5 = NaOH 6 = Other

2.912.9

(lab use only)

43

CUSTOMER INFORMATION				PROJECT INFORMATION				Analysis Request				Test Instructions / Comments					
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo	Matrix:	Matrix	Container No. / Size	Pres.	VOCs (EPA 8260B)	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO ₃	Ammonia-N, Nitrate-N	COD, Cl, SO ₄ , TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide	cc report to: pchang@changenvironmental.com Basic EDD & GeoTracker EDF
Report To:	Steve Cassulo	Number:	661-257-3655														
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:															
Address:	29201 Henry Mayo Drive	Address:															
	Castaic, CA, 91384																
Phone:	661-257-3655	Global ID:	L10003464243														
Fax:		Sampled By:	Paul Chang														
1	DW-1	8/12/25	752	W	13	var.		X	X	X	X	X	X	X	X	X	
2	DW-16	849						X	X	X	X	X	X	X	X	X	
3	DW-3	948						X	X	X	X	X	X	X	X	X	
4	P2-4	1044						X	X	X	X	X	X	X	X	X	
5	QC FB	1046						X	X	X	X	X	X	X	X	X	
6	QC TB	-	-					X	X	X	X	X	X	X	X	X	
7																	
8																	
9																	
10																	

Login 539764

Signature	Print Name	Company / Title	Date / Time
	Paul Chang	CEI	8/12/25 12:10
	Alice Takhasian	EA/NH	8/12/25 12:10
	Alice Takhasian	EA/NH	8/13/25 8:45
	Gemma O	EA/NH	8/13/25 8:45
	Gemma O	EA/NH	8/13/25 10:59
	Dennis	EA	8/13/25 12:15

Rel: Dennis 8/14/25 13:10 Rec: Anna Roberts 8/13/25 13:10

ENTHALPY

Date Received: 8/12/25 WO# _____ Client: Chiquita Canyon Landfill **ENTHALPY**
ANALYTICAL

Are custody seals present? ☐ Yes ☒ No

Shipping Info: walk-in

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 8.12.25 By (initials) AXT Type of ice used : ☐ Wet ☐ Blue/Gel ☐ None

☒ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: 1R03 CF: 0.7

Cooler Temp (°C) #1: 15.2/14.5 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

☒ No microbiology samples submitted (skip 3b)☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.☐ Adequate headspace for microbiology analysis.☒ No air samples submitted (skip 3c)☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

YES	NO	N/A
-----	----	-----

1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	X		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			
13) Are VOA vials free from headspace/bubbles > 6mm?			

☐ PM notified

Date Logged _____ By (print) _____ (sign) _____

Date Labeled _____ By (print) _____ (sign) _____

Date Received: 8/13/25 WO# 539764 Client: WASTECONNECTIONS

Are custody seals present? ☐ Yes ☒ No

Custody seals intact on arrival? ☒ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

☒ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 8/13/25 By (initials) DEP Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR 13 CF: 0.0

Cooler Temp (°C) #1: 2.4 / 2.4 #2: ____ / ____ #3: ____ / ____ #4: ____ / ____ #5: ____ / ____ #6: ____ / ____

☐ No microbiology samples submitted (skip 3b)☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

☐ No air samples submitted (skip 3c)☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

YES	NO	N/A
-----	----	-----

1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)			X
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			X
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

(If no comments are made, then no discrepancies noted.)

[illegible]☐ No additional discrepancies

Date Logged 8/12/25 By (print) AXT (sign)

Date Labeled 8/13/25 By (print) FA - Orange (sign)

Analysis Results for 539764

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 539764
Project No: GW MONITORING
Location: Chiquita Canyon Landfill / Quarterly MPars
Date Received: 08/12/25

Sample ID: DW-1

Lab ID: 539764-001

Collected: 08/12/25 07:52

Matrix: Water

539764-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.84		mg/L	0.20	0.073	1	379150	08/13/25 18:55	08/13/25 20:48	KUM
Chloride	110		mg/L	1.0	0.27	1	379150	08/13/25 18:55	08/13/25 20:48	KUM
Bromide	0.25	J	mg/L	0.30	0.060	1	379150	08/13/25 18:55	08/13/25 20:48	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	379150	08/13/25 18:55	08/13/25 20:48	KUM
Sulfate	360		mg/L	10	1.8	10	379150	08/13/25 18:55	08/13/25 21:05	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	380324	08/26/25	08/27/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.21		mg/L	0.050	0.0062	1	379158	08/13/25	08/14/25	TWJ
Calcium	53		mg/L	1.0	0.57	1	379158	08/13/25	08/14/25	TWJ
Iron	ND		mg/L	0.10	0.041	1	379158	08/13/25	08/14/25	TWJ
Magnesium	9.9		mg/L	0.10	0.025	1	379158	08/13/25	08/14/25	TWJ
Manganese	0.047		mg/L	0.010	0.0029	1	379158	08/13/25	08/14/25	TWJ
Potassium	2.4		mg/L	0.50	0.42	1	379158	08/13/25	08/14/25	TWJ
Sodium	210		mg/L	0.50	0.34	1	379158	08/13/25	08/14/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Acetone	ND		ug/L	100	8.8	1	380072	08/23/25	08/23/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloroethane	0.1	J	ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	380072	08/23/25	08/23/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST

Analysis Results for 539764

539764-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Benzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	380072	08/23/25	08/23/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	380072	08/23/25	08/23/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Tetrachloroethene	0.2	J	ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	380072	08/23/25	08/23/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	380072	08/23/25	08/23/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	380072	08/23/25	08/23/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Xylene (total)	ND		ug/L	5.0		1	380072	08/23/25	08/23/25	ZST
Surrogates			Limits							
Dibromofluoromethane	108%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST

Analysis Results for 539764

539764-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	117%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST
Toluene-d8	89%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST
Bromofluorobenzene	99%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

1,4-Dioxane	ND		ug/L	1.0	0.95	1	379185	08/14/25	08/14/25	ZFA
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Surrogates

Limits

1,4-Dioxane-d8 (SUR)	104%		%REC	80-120		1	379185	08/14/25	08/14/25	ZFA
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Method: SM 4500-S2-D

Prep Method: METHOD

Sulfide	ND		mg/L	0.10		1	379162	08/13/25	08/13/25	TXC
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Method: SM 5310B

Prep Method: SM 5310B

Total Organic Carbon	ND		mg/L	1.0	0.24	1	380355	08/26/25	08/27/25	ARM
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Method: SM2320B

Prep Method: METHOD

Alkalinity, Bicarbonate, as CaCO3	180		mg/L	10		5	379823	08/20/25	08/20/25	ARM
Alkalinity, Total as CaCO3	180		mg/L	10		5	379823	08/20/25	08/20/25	ARM

Method: SM2540C

Prep Method: METHOD

Total Dissolved Solids	930		mg/L	20		2	379289	08/14/25	08/17/25	CDR
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Analysis Results for 539764

Sample ID: DW-16
Lab ID: 539764-002
Collected: 08/12/25 08:49
Matrix: Water

539764-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.43		mg/L	0.20	0.073	1	379150	08/13/25 18:55	08/13/25 21:22	KUM
Chloride	110		mg/L	1.0	0.27	1	379150	08/13/25 18:55	08/13/25 21:22	KUM
Bromide	0.20	J	mg/L	0.30	0.060	1	379150	08/13/25 18:55	08/13/25 21:22	KUM
Nitrogen, Nitrate	2.2		mg/L	0.10	0.05	1	379150	08/13/25 18:55	08/13/25 21:22	KUM
Sulfate	190		mg/L	10	1.8	10	379150	08/13/25 18:55	08/13/25 21:39	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	380324	08/26/25	08/27/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.13		mg/L	0.050	0.0062	1	379158	08/13/25	08/14/25	TWJ
Calcium	6.5		mg/L	1.0	0.57	1	379158	08/13/25	08/14/25	TWJ
Iron	ND		mg/L	0.10	0.041	1	379158	08/13/25	08/14/25	TWJ
Magnesium	0.36		mg/L	0.10	0.025	1	379158	08/13/25	08/14/25	TWJ
Manganese	ND		mg/L	0.010	0.0029	1	379158	08/13/25	08/14/25	TWJ
Potassium	0.93		mg/L	0.50	0.42	1	379158	08/13/25	08/14/25	TWJ
Sodium	230		mg/L	0.50	0.34	1	379158	08/13/25	08/14/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Trichlorofluoromethane	0.1	J	ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Acetone	ND		ug/L	100	8.8	1	380072	08/23/25	08/23/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Methylene Chloride	0.4	J	ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloroethane	1.2	J	ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	380072	08/23/25	08/23/25	ZST
cis-1,2-Dichloroethene	0.7	J	ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST

Analysis Results for 539764

539764-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	0.2	J	ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Trichloroethene	0.5	J	ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	380072	08/23/25	08/23/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	380072	08/23/25	08/23/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Tetrachloroethene	0.5	J	ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	380072	08/23/25	08/23/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	380072	08/23/25	08/23/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,4-Dichlorobenzene	0.2	J	ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	380072	08/23/25	08/23/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Xylene (total)	ND		ug/L	5.0		1	380072	08/23/25	08/23/25	ZST
Surrogates			Limits							
Dibromofluoromethane	109%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST
1,2-Dichloroethane-d4	120%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST
Toluene-d8	88%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 539764

539764-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	379185	08/14/25	08/14/25	ZFA
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	102%		%REC	80-120		1	379185	08/14/25	08/14/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	379162	08/13/25	08/13/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.24	1	380355	08/26/25	08/27/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	230		mg/L	10		5	379823	08/20/25	08/20/25	ARM
Alkalinity, Total as CaCO3	230		mg/L	10		5	379823	08/20/25	08/20/25	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	790		mg/L	20		2	379289	08/14/25	08/17/25	CDR

Analysis Results for 539764

Sample ID: DW-3
Lab ID: 539764-003
Collected: 08/12/25 09:48
Matrix: Water

539764-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.72		mg/L	0.20	0.073	1	379150	08/13/25 18:55	08/13/25 21:55	KUM
Chloride	53		mg/L	1.0	0.27	1	379150	08/13/25 18:55	08/13/25 21:55	KUM
Bromide	0.13	J	mg/L	0.30	0.060	1	379150	08/13/25 18:55	08/13/25 21:55	KUM
Nitrogen, Nitrate	1.6		mg/L	0.10	0.05	1	379150	08/13/25 18:55	08/13/25 21:55	KUM
Sulfate	100		mg/L	10	1.8	10	379150	08/13/25 18:55	08/13/25 23:20	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	380324	08/26/25	08/27/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.26		mg/L	0.050	0.0062	1	379158	08/13/25	08/14/25	TWJ
Calcium	32		mg/L	1.0	0.57	1	379158	08/13/25	08/14/25	TWJ
Iron	ND		mg/L	0.10	0.041	1	379158	08/13/25	08/14/25	TWJ
Magnesium	3.8		mg/L	0.10	0.025	1	379158	08/13/25	08/14/25	TWJ
Manganese	ND		mg/L	0.010	0.0029	1	379158	08/13/25	08/14/25	TWJ
Potassium	1.8		mg/L	0.50	0.42	1	379158	08/13/25	08/14/25	TWJ
Sodium	110		mg/L	0.50	0.34	1	379158	08/13/25	08/14/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Freon 12	3.2	J	ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Trichlorofluoromethane	0.1	J	ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Acetone	ND		ug/L	100	8.8	1	380072	08/23/25	08/23/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloroethane	0.2	J	ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	380072	08/23/25	08/23/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST

Analysis Results for 539764

539764-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Trichloroethene	0.1	J	ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	380072	08/23/25	08/23/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	380072	08/23/25	08/23/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Tetrachloroethene	0.6	J	ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	380072	08/23/25	08/23/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	380072	08/23/25	08/23/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	380072	08/23/25	08/23/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Xylene (total)	ND		ug/L	5.0		1	380072	08/23/25	08/23/25	ZST
Surrogates			Limits							
Dibromofluoromethane	109%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST
1,2-Dichloroethane-d4	118%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST
Toluene-d8	90%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 539764

539764-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	379185	08/14/25	08/14/25	ZFA
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	106%		%REC	80-120		1	379185	08/14/25	08/14/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	379162	08/13/25	08/13/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.24	1	380355	08/26/25	08/27/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	190		mg/L	10		5	379823	08/20/25	08/20/25	ARM
Alkalinity, Total as CaCO3	190		mg/L	10		5	379823	08/20/25	08/20/25	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	510		mg/L	20		2	379289	08/14/25	08/17/25	CDR

Analysis Results for 539764

Sample ID: PZ-4
Lab ID: 539764-004
Collected: 08/12/25 10:44
Matrix: Water

539764-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.59		mg/L	0.20	0.073	1	379150	08/13/25 18:55	08/13/25 23:37	KUM
Chloride	58		mg/L	1.0	0.27	1	379150	08/13/25 18:55	08/13/25 23:37	KUM
Bromide	0.13	J	mg/L	0.30	0.060	1	379150	08/13/25 18:55	08/13/25 23:37	KUM
Nitrogen, Nitrate	1.1		mg/L	0.10	0.05	1	379150	08/13/25 18:55	08/13/25 23:37	KUM
Sulfate	130		mg/L	10	1.8	10	379150	08/13/25 18:55	08/13/25 23:54	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	0.069	J	mg/L	0.10	0.050	1	380324	08/26/25	08/27/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	11		mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.32		mg/L	0.050	0.0062	1	379158	08/13/25	08/14/25	TWJ
Calcium	50		mg/L	1.0	0.57	1	379158	08/13/25	08/14/25	TWJ
Iron	ND		mg/L	0.10	0.041	1	379158	08/13/25	08/14/25	TWJ
Magnesium	9.6		mg/L	0.10	0.025	1	379158	08/13/25	08/14/25	TWJ
Manganese	ND		mg/L	0.010	0.0029	1	379158	08/13/25	08/14/25	TWJ
Potassium	2.2		mg/L	0.50	0.42	1	379158	08/13/25	08/14/25	TWJ
Sodium	180		mg/L	0.50	0.34	1	379158	08/13/25	08/14/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Freon 12	0.4	J	ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Acetone	ND		ug/L	100	8.8	1	380072	08/23/25	08/23/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	380072	08/23/25	08/23/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST

Analysis Results for 539764

539764-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	380072	08/23/25	08/23/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	380072	08/23/25	08/23/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	380072	08/23/25	08/23/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	380072	08/23/25	08/23/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	380072	08/23/25	08/23/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Xylene (total)	ND		ug/L	5.0		1	380072	08/23/25	08/23/25	ZST
Surrogates			Limits							
Dibromofluoromethane	106%	%REC	70-130			1	380072	08/23/25	08/23/25	ZST
1,2-Dichloroethane-d4	115%	%REC	70-130			1	380072	08/23/25	08/23/25	ZST
Toluene-d8	90%	%REC	70-130			1	380072	08/23/25	08/23/25	ZST
Bromofluorobenzene	98%	%REC	70-130			1	380072	08/23/25	08/23/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 539764

539764-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	379185	08/14/25	08/14/25	ZFA
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	103%		%REC	80-120		1	379185	08/14/25	08/14/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	379162	08/13/25	08/13/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.24	1	380355	08/26/25	08/27/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	390		mg/L	10		5	379823	08/20/25	08/20/25	ARM
Alkalinity, Total as CaCO3	390		mg/L	10		5	379823	08/20/25	08/20/25	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	780		mg/L	20		2	379289	08/14/25	08/17/25	CDR

Analysis Results for 539764

Sample ID: QCFB
Lab ID: 539764-005
Collected: 08/12/25 10:46
Matrix: Water

539764-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Chloromethane	0.2	J	ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Acetone	ND		ug/L	100	8.8	1	380072	08/23/25	08/23/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Methylene Chloride	0.3	J	ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	380072	08/23/25	08/23/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Chloroform	0.7	J	ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Benzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	380072	08/23/25	08/23/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	380072	08/23/25	08/23/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	380072	08/23/25	08/23/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	380072	08/23/25	08/23/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST

Analysis Results for 539764

539764-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	380072	08/23/25	08/23/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Xylene (total)	ND		ug/L	5.0		1	380072	08/23/25	08/23/25	ZST
Surrogates	Limits									
Dibromofluoromethane	111%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST
1,2-Dichloroethane-d4	121%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST
Toluene-d8	88%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST

Analysis Results for 539764

Sample ID: QCTB
Lab ID: 539764-006
Collected: 08/12/25
Matrix: Water

539764-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Acetone	ND		ug/L	100	8.8	1	380072	08/23/25	08/23/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Methylene Chloride	0.7	J	ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	380072	08/23/25	08/23/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Chloroform	0.8	J	ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Benzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	380072	08/23/25	08/23/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	380072	08/23/25	08/23/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	380072	08/23/25	08/23/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	380072	08/23/25	08/23/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST

Analysis Results for 539764

539764-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	380072	08/23/25	08/23/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Xylene (total)	ND		ug/L	5.0		1	380072	08/23/25	08/23/25	ZST
Surrogates	Limits									
Dibromofluoromethane	112%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST
1,2-Dichloroethane-d4	120%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST
Toluene-d8	89%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST

J Estimated value
ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1284002	Batch: 379150
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1284002 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	08/13/25 18:55	08/13/25 19:24
Chloride	ND		mg/L	1.0	0.27	08/13/25 18:55	08/13/25 19:24
Bromide	ND		mg/L	0.30	0.060	08/13/25 18:55	08/13/25 19:24
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	08/13/25 18:55	08/13/25 19:24
Sulfate	ND		mg/L	1.0	0.18	08/13/25 18:55	08/13/25 19:24

Type: Lab Control Sample	Lab ID: QC1284003	Batch: 379150
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1284003 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	10.18	10.00	mg/L	102%		90-110
Chloride	46.36	50.00	mg/L	93%		90-110
Bromide	14.48	15.00	mg/L	97%		90-110
Nitrogen, Nitrate	4.529	4.518	mg/L	100%		90-110
Sulfate	24.74	25.00	mg/L	99%		90-110

Type: Matrix Spike	Lab ID: QC1284004	Batch: 379150
Matrix (Source ID): Water (539890-002)	Method: EPA 300.0	Prep Method: METHOD

QC1284004 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	21.66	0.3103	20.00	mg/L	107%		80-129	1
Chloride	107.4	3.858	100.0	mg/L	104%		80-123	1
Bromide	14.80	ND	15.00	mg/L	99%		80-121	1
Nitrogen, Nitrate	12.42	3.383	9.036	mg/L	100%		80-123	1
Sulfate	54.52	3.622	50.00	mg/L	102%		79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1284005	Batch: 379150
Matrix (Source ID): Water (539890-002)	Method: EPA 300.0	Prep Method: METHOD

QC1284005 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	21.77	0.3103	20.00	mg/L	107%		80-129	0	21	1
Chloride	107.6	3.858	100.0	mg/L	104%		80-123	0	20	1
Bromide	14.82	ND	15.00	mg/L	99%		80-121	0	20	1
Nitrogen, Nitrate	12.44	3.383	9.036	mg/L	100%		80-123	0	20	1
Sulfate	54.90	3.622	50.00	mg/L	103%		79-124	1	20	1

Batch QC

Type: Matrix Spike	Lab ID: QC1284031	Batch: 379150
Matrix (Source ID): Water (539764-003)	Method: EPA 300.0	Prep Method: METHOD

QC1284031 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	21.75	0.7217	20.00	mg/L	105%		80-129	1
Chloride	154.3	53.10	100.0	mg/L	101%		80-123	1
Bromide	14.56	0.1339	15.00	mg/L	96%		80-121	1
Nitrogen, Nitrate	10.60	1.642	9.036	mg/L	99%		80-123	1
Sulfate	143.2	100.2	50.00	mg/L	86%	E	79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1284032	Batch: 379150
Matrix (Source ID): Water (539764-003)	Method: EPA 300.0	Prep Method: METHOD

QC1284032 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	21.88	0.7217	20.00	mg/L	106%		80-129	1	21	1
Chloride	154.8	53.10	100.0	mg/L	102%		80-123	0	20	1
Bromide	14.67	0.1339	15.00	mg/L	97%		80-121	1	20	1
Nitrogen, Nitrate	10.66	1.642	9.036	mg/L	100%		80-123	1	20	1
Sulfate	143.3	100.2	50.00	mg/L	86%	E	79-124		20	1

Type: Blank	Lab ID: QC1288121	Batch: 380324
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1288121 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	08/26/25	08/27/25

Type: Lab Control Sample	Lab ID: QC1288122	Batch: 380324
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1288122 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.008	1.000	mg/L	101%		90-110

Type: Matrix Spike	Lab ID: QC1288123	Batch: 380324
Matrix (Source ID): Water (539764-001)	Method: EPA 350.1	Prep Method: METHOD

QC1288123 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.7398	ND	1.000	mg/L	74%	*	90-110	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1288124	Batch: 380324
Matrix (Source ID): Water (539764-001)	Method: EPA 350.1	Prep Method: METHOD

QC1288124 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9212	ND	1.000	mg/L	92%		90-110	22*	20	1

Type: Matrix Spike	Lab ID: QC1288125	Batch: 380324
Matrix (Source ID): Water (539943-003)	Method: EPA 350.1	Prep Method: SM 4500-NH3-G SD

QC1288125 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9195	0.05142	1.000	mg/L	87%	*	90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1288126	Batch: 380324
Matrix (Source ID): Water (539943-003)	Method: EPA 350.1	Prep Method: SM 4500-NH3-G SD

QC1288126 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.8642	0.05142	1.000	mg/L	81%	*	90-110	6	20	1

Type: Blank	Lab ID: QC1284339	Batch: 379259
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1284339 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	08/14/25	08/14/25

Type: Lab Control Sample	Lab ID: QC1284340	Batch: 379259
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1284340 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	100.0	100.0	mg/L	100%		90-110

Type: Matrix Spike	Lab ID: QC1284341	Batch: 379259
Matrix (Source ID): Water (539423-001)	Method: EPA 410.4	Prep Method: METHOD

QC1284341 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	102.0	3.000	100.0	mg/L	99%		75-125	2

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1284342	Batch: 379259
Matrix (Source ID): Water (539423-001)	Method: EPA 410.4	Prep Method: METHOD

QC1284342 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Chemical Oxygen Demand	100.0	3.000	100.0	mg/L	97%		75-125	2	20	2

Type: Matrix Spike	Lab ID: QC1284343	Batch: 379259
Matrix (Source ID): Water (539738-001)	Method: EPA 410.4	Prep Method: METHOD

QC1284343 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	88.00	ND	100.0	mg/L	88%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1284344	Batch: 379259
Matrix (Source ID): Water (539738-001)	Method: EPA 410.4	Prep Method: METHOD

QC1284344 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Chemical Oxygen Demand	88.00	ND	100.0	mg/L	88%		75-125	0	20	2

Type: Blank	Lab ID: QC1284042	Batch: 379158
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1284042 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0062	08/13/25	08/14/25
Calcium	ND		mg/L	0.57	0.57	08/13/25	08/14/25
Iron	0.042		mg/L	0.041	0.041	08/13/25	08/14/25
Magnesium	ND		mg/L	0.10	0.025	08/13/25	08/14/25
Manganese	ND		mg/L	0.010	0.0029	08/13/25	08/14/25
Potassium	ND		mg/L	0.50	0.42	08/13/25	08/14/25
Sodium	ND		mg/L	0.50	0.34	08/13/25	08/14/25

Type: Lab Control Sample	Lab ID: QC1284043	Batch: 379158
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1284043 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3452	0.4000	mg/L	86%		80-120
Calcium	17.53	20.40	mg/L	86%		80-120
Iron	0.3706	0.4000	mg/L	93%		80-120
Magnesium	18.29	20.40	mg/L	90%		80-120
Manganese	0.3722	0.4000	mg/L	93%		80-120
Potassium	20.45	24.00	mg/L	85%		80-120
Sodium	17.39	20.40	mg/L	85%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1284044	Batch: 379158
Matrix (Source ID): Water (539716-010)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1284044 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.3504	ND	0.4000	mg/L	88%		75-125	1
Calcium	17.91	ND	20.40	mg/L	88%		75-125	1
Iron	0.3758	ND	0.4000	mg/L	94%		75-125	1
Magnesium	18.57	ND	20.40	mg/L	91%		75-125	1
Manganese	0.3769	ND	0.4000	mg/L	94%		75-125	1
Potassium	20.78	ND	24.00	mg/L	87%		75-125	1
Sodium	17.84	ND	20.40	mg/L	87%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1284045	Batch: 379158
Matrix (Source ID): Water (539716-010)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1284045 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.3519	ND	0.4000	mg/L	88%		75-125	0	20	1
Calcium	18.10	ND	20.40	mg/L	89%		75-125	1	20	1
Iron	0.3850	ND	0.4000	mg/L	96%		75-125	2	22	1
Magnesium	18.67	ND	20.40	mg/L	92%		75-125	0	20	1
Manganese	0.3786	ND	0.4000	mg/L	95%		75-125	0	20	1
Potassium	20.89	ND	24.00	mg/L	87%		75-125	1	20	1
Sodium	17.94	ND	20.40	mg/L	88%		75-125	1	20	1

Type: Serial Dilution	Lab ID: QC1284066	Batch: 379158
Matrix (Source ID): Water (539716-010)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1284066 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	ND	ND	mg/L				5
Calcium	ND	ND	mg/L				5
Iron	ND	ND	mg/L				5
Magnesium	ND	ND	mg/L				5
Manganese	ND	ND	mg/L				5
Potassium	ND	ND	mg/L				5
Sodium	ND	ND	mg/L				5

Batch QC

Type: Lab Control Sample	Lab ID: QC1287247	Batch: 380072
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1287247 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	55.92	50.00	ug/L	112%		69-128
MTBE	61.77	50.00	ug/L	124%		66-125
Benzene	54.89	50.00	ug/L	110%		76-121
Trichloroethene	45.10	50.00	ug/L	90%		76-124
Toluene	46.02	50.00	ug/L	92%		76-120
Chlorobenzene	46.32	50.00	ug/L	93%		78-120
Surrogates						
Dibromofluoromethane	52.38	50.00	ug/L	105%		70-130
1,2-Dichloroethane-d4	55.18	50.00	ug/L	110%		70-130
Toluene-d8	45.58	50.00	ug/L	91%		70-130
Bromofluorobenzene	49.34	50.00	ug/L	99%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1287248	Batch: 380072
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1287248 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	50.97	50.00	ug/L	102%		69-128	9	23
MTBE	56.94	50.00	ug/L	114%		66-125	8	22
Benzene	49.87	50.00	ug/L	100%		76-121	10	21
Trichloroethene	40.78	50.00	ug/L	82%		76-124	10	22
Toluene	41.51	50.00	ug/L	83%		76-120	10	21
Chlorobenzene	41.54	50.00	ug/L	83%		78-120	11	20
Surrogates								
Dibromofluoromethane	51.00	50.00	ug/L	102%		70-130		
1,2-Dichloroethane-d4	54.50	50.00	ug/L	109%		70-130		
Toluene-d8	44.91	50.00	ug/L	90%		70-130		
Bromofluorobenzene	50.35	50.00	ug/L	101%		70-130		

Type: Matrix Spike	Lab ID: QC1287249	Batch: 380072
Matrix (Source ID): Water (539764-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1287249 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	26.71	ND	20.00	ug/L	134%	*	62-131	1
MTBE	26.27	ND	20.00	ug/L	131%	*	61-124	1
Benzene	23.77	ND	20.00	ug/L	119%		70-123	1
Trichloroethene	19.65	ND	20.00	ug/L	98%		65-131	1
Toluene	19.67	ND	20.00	ug/L	98%		69-120	1
Chlorobenzene	20.35	ND	20.00	ug/L	102%		72-121	1
Surrogates								
Dibromofluoromethane	55.09		50.00	ug/L	110%		70-130	1
1,2-Dichloroethane-d4	59.36		50.00	ug/L	119%		70-130	1
Toluene-d8	44.77		50.00	ug/L	90%		70-130	1
Bromofluorobenzene	49.81		50.00	ug/L	100%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1287250	Batch: 380072
Matrix (Source ID): Water (539764-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1287250 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	26.35	ND	20.00	ug/L	132%	*	62-131	1	31	1
MTBE	27.15	ND	20.00	ug/L	136%	*	61-124	3	30	1
Benzene	25.36	ND	20.00	ug/L	127%	*	70-123	6	31	1
Trichloroethene	21.71	ND	20.00	ug/L	109%		65-131	10	31	1
Toluene	21.36	ND	20.00	ug/L	107%		69-120	8	29	1
Chlorobenzene	21.79	ND	20.00	ug/L	109%		72-121	7	29	1
Surrogates										
Dibromofluoromethane	51.24		50.00	ug/L	102%		70-130			1
1,2-Dichloroethane-d4	54.66		50.00	ug/L	109%		70-130			1
Toluene-d8	45.29		50.00	ug/L	91%		70-130			1
Bromofluorobenzene	49.44		50.00	ug/L	99%		70-130			1

Batch QC

Type: Blank	Lab ID: QC1287252	Batch: 380072
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1287252 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.2	08/23/25	08/23/25
Freon 12	ND		ug/L	5.0	0.2	08/23/25	08/23/25
Chloromethane	ND		ug/L	5.0	0.1	08/23/25	08/23/25
Vinyl Chloride	ND		ug/L	5.0	0.1	08/23/25	08/23/25
Bromomethane	ND		ug/L	5.0	0.3	08/23/25	08/23/25
Chloroethane	ND		ug/L	5.0	0.05	08/23/25	08/23/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	08/23/25	08/23/25
Acetone	ND		ug/L	100	8.8	08/23/25	08/23/25
Freon 113	ND		ug/L	5.0	0.1	08/23/25	08/23/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	08/23/25	08/23/25
Methylene Chloride	ND		ug/L	5.0	0.2	08/23/25	08/23/25
MTBE	ND		ug/L	5.0	0.1	08/23/25	08/23/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	08/23/25	08/23/25
1,1-Dichloroethane	ND		ug/L	5.0	0.07	08/23/25	08/23/25
2-Butanone	ND		ug/L	100	0.9	08/23/25	08/23/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	08/23/25	08/23/25
2,2-Dichloropropane	ND		ug/L	5.0	0.09	08/23/25	08/23/25
Chloroform	ND		ug/L	5.0	0.07	08/23/25	08/23/25
Bromochloromethane	ND		ug/L	5.0	0.1	08/23/25	08/23/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	08/23/25	08/23/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	08/23/25	08/23/25
Carbon Tetrachloride	ND		ug/L	5.0	0.07	08/23/25	08/23/25
1,2-Dichloroethane	ND		ug/L	5.0	0.09	08/23/25	08/23/25
Benzene	ND		ug/L	5.0	0.07	08/23/25	08/23/25
Trichloroethene	ND		ug/L	5.0	0.05	08/23/25	08/23/25
1,2-Dichloropropane	ND		ug/L	5.0	0.07	08/23/25	08/23/25
Bromodichloromethane	ND		ug/L	5.0	0.05	08/23/25	08/23/25
Dibromomethane	ND		ug/L	5.0	0.1	08/23/25	08/23/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	08/23/25	08/23/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	08/23/25	08/23/25
Toluene	ND		ug/L	5.0	0.05	08/23/25	08/23/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	08/23/25	08/23/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	08/23/25	08/23/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	08/23/25	08/23/25
Tetrachloroethene	ND		ug/L	5.0	0.09	08/23/25	08/23/25
Dibromochloromethane	ND		ug/L	5.0	0.07	08/23/25	08/23/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	08/23/25	08/23/25
Chlorobenzene	ND		ug/L	5.0	0.05	08/23/25	08/23/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	08/23/25	08/23/25
Ethylbenzene	ND		ug/L	5.0	0.04	08/23/25	08/23/25
m,p-Xylenes	ND		ug/L	10	0.1	08/23/25	08/23/25
o-Xylene	ND		ug/L	5.0	0.06	08/23/25	08/23/25
Styrene	ND		ug/L	5.0	0.06	08/23/25	08/23/25
Bromoform	ND		ug/L	5.0	0.08	08/23/25	08/23/25
Isopropylbenzene	ND		ug/L	5.0	0.06	08/23/25	08/23/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	08/23/25	08/23/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	08/23/25	08/23/25

Batch QC

QC1287252 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.05	08/23/25	08/23/25
Bromobenzene	ND		ug/L	5.0	0.06	08/23/25	08/23/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	08/23/25	08/23/25
2-Chlorotoluene	ND		ug/L	5.0	0.07	08/23/25	08/23/25
4-Chlorotoluene	ND		ug/L	5.0	0.08	08/23/25	08/23/25
tert-Butylbenzene	ND		ug/L	5.0	0.07	08/23/25	08/23/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	08/23/25	08/23/25
sec-Butylbenzene	ND		ug/L	5.0	0.06	08/23/25	08/23/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	08/23/25	08/23/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	08/23/25	08/23/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	08/23/25	08/23/25
n-Butylbenzene	ND		ug/L	5.0	0.08	08/23/25	08/23/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	08/23/25	08/23/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	08/23/25	08/23/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	08/23/25	08/23/25
Hexachlorobutadiene	ND		ug/L	5.0	0.06	08/23/25	08/23/25
Naphthalene	ND		ug/L	5.0	0.3	08/23/25	08/23/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	08/23/25	08/23/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	08/23/25	08/23/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	08/23/25	08/23/25
Xylene (total)	ND		ug/L	5.0		08/23/25	08/23/25
Surrogates				Limits			
Dibromofluoromethane	108%		%REC	70-130		08/23/25	08/23/25
1,2-Dichloroethane-d4	118%		%REC	70-130		08/23/25	08/23/25
Toluene-d8	89%		%REC	70-130		08/23/25	08/23/25
Bromofluorobenzene	98%		%REC	70-130		08/23/25	08/23/25

Type: Blank	Lab ID: QC1284282	Batch: 379185
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1284282 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.95	08/14/25	08/14/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	107%		%REC	80-120		08/14/25	08/14/25

Type: Lab Control Sample	Lab ID: QC1284283	Batch: 379185
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1284283 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	9.172	10.00	ug/L	92%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.54	10.00	ug/L	105%		80-120

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1284284	Batch: 379185
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1284284 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	10.26	10.00	ug/L	103%		79-120	11	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.25	10.00	ug/L	102%		80-120		

Type: Blank	Lab ID: QC1284054	Batch: 379162
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1284054 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		08/13/25	08/13/25

Type: Lab Control Sample	Lab ID: QC1284055	Batch: 379162
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1284055 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1284056	Batch: 379162
Matrix (Source ID): Drinking Water (539931-004)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1284056 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1284057	Batch: 379162
Matrix (Source ID): Drinking Water (539931-004)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1284057 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	0	20	1

Type: Blank	Lab ID: QC1288227	Batch: 380355
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1288227 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.24	08/26/25	08/26/25

Type: Lab Control Sample	Lab ID: QC1288228	Batch: 380355
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1288228 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	25.15	25.00	mg/L	101%		85-115

Batch QC

Type: Matrix Spike	Lab ID: QC1288233	Batch: 380355
Matrix (Source ID): Water (540357-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1288233 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	32.05	3.645	25.00	mg/L	114%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1288234	Batch: 380355
Matrix (Source ID): Water (540357-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1288234 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Total Organic Carbon	31.10	3.645	25.00	mg/L	110%		75-125	3	25	1

Type: Blank	Lab ID: QC1286420	Batch: 379823
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1286420 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		08/20/25	08/20/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		08/20/25	08/20/25

Type: Lab Control Sample	Lab ID: QC1286421	Batch: 379823
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1286421 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	938.0	1000	mg/L	94%		90-110

Type: Sample Duplicate	Lab ID: QC1286422	Batch: 379823
Matrix (Source ID): Water (540149-004)	Method: SM2320B	Prep Method: METHOD

QC1286422 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	106.6	105.7	mg/L		1	20	2.5
Alkalinity, Total as CaCO ₃	106.6	105.7	mg/L		1	20	2.5

Type: Blank	Lab ID: QC1284477	Batch: 379289
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1284477 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		08/14/25	08/17/25

Type: Lab Control Sample	Lab ID: QC1284478	Batch: 379289
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1284478 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,020	1000	mg/L	102%		90-110

Batch QC

Type: Sample Duplicate	Lab ID: QC1284479	Batch: 379289
Matrix (Source ID): Water (539764-001)	Method: SM2540C	Prep Method: METHOD

QC1284479 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	898.0	928.0	mg/L		3	5	2

Type: Sample Duplicate	Lab ID: QC1284480	Batch: 379289
Matrix (Source ID): Water (539953-004)	Method: SM2540C	Prep Method: METHOD

QC1284480 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	3,268	3264	mg/L		0	5	4

* Value is outside QC limits
 E Response exceeds instrument's linear range
 ND Not Detected

Laboratory Job Number 539764

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2508A21

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-539764

Project Location:

Project Received: 08/15/2025

Analytical Report reviewed & approved for release on 08/19/2025 by:

Yen Cao

Yen Cao

Project Manager

McC Campbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.





Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical**WorkOrder:** 2508A21**Project:** EO-539764

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit ¹
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit ²
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

¹ MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

² RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.



Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2508A21

Project: EO-539764

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	"Too Numerous to Count," greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Analytical Report

Client: Enthalpy Analytical
Date Received: 08/15/2025 9:33
Date Prepared: 08/18/2025
Project: EO-539764

WorkOrder: 2508A21
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-1	2508A21-001A	Water	08/12/2025 07:52	GC26 0818250911.D	323908

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	2300	100	100	2	08/18/2025 13:57

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-16	2508A21-002A	Water	08/12/2025 08:49	GC26 0818250912.D	323908

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	1200	50	50	1	08/18/2025 16:10

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-3	2508A21-003A	Water	08/12/2025 09:48	GC26 0818250914.D	323908

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	3200	200	200	4	08/18/2025 16:36

Analyst(s): CLO

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 08/15/2025 9:33
Date Prepared: 08/18/2025
Project: EO-539764

WorkOrder: 2508A21
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
PZ-4	2508A21-004A	Water	08/12/2025 10:44	GC26 0818250916.D	323908

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	12,000	500	500	10	08/18/2025 16:59

Analyst(s): CLO



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 08/18/2025
Date Analyzed: 08/18/2025
Instrument: GC26
Matrix: Water
Project: EO-539764

WorkOrder: 2508A21
BatchID: 323908
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-323908

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	140	130	187.2	75	70	70-130	6.79	30

McCampbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

☐ WaterTrax ☐ CLIP ☐ EDF

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2508A21

ClientCode: ENO

QuoteID: 252619

☐ EQUIS ☐ Dry-Weight ☒ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☐ Detection Summary ☒ Excel [A1_Standard_QC]

Report to:

Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 079649
Project: EO-539764

Bill to:

Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: 2 days;

Date Received: 08/15/2025

Date Logged: 08/15/2025

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2508A21-001	DW-1	Water	8/12/2025 07:52	☐	A	A										
2508A21-002	DW-16	Water	8/12/2025 08:49	☐	A	A										
2508A21-003	DW-3	Water	8/12/2025 09:48	☐	A	A										
2508A21-004	PZ-4	Water	8/12/2025 10:44	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Valerie Alfaro

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mcccampbell.com / E-mail: main@mcccampbell.com

WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL

Project: EO-539764

Work Order: 2508A21

Client Contact: Zach Barker

QC Level: LEVEL 2

Contact's Email: zach.barker@enthalpy.com

Comments

Date Logged: 8/15/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☒ Excel ☐ EQuIS ☒ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-1	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	8/12/2025 7:52	2 days	8/19/2025	None	☐	☐
002A	DW-16	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	8/12/2025 8:49	2 days	8/19/2025	None	☐	☐
003A	DW-3	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	8/12/2025 9:48	2 days	8/19/2025	Trace	☐	☐
004A	PZ-4	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	8/12/2025 10:44	2 days	8/19/2025	None	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U** = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.

HOLD TIME RUSH

2508A21



931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:

McC Campbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-539764

PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel
EDD

Notes:

--

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-1	12-AUG-2025 07:52	539764-001	2	Water	RSK-175 CO2	
DW-16	12-AUG-2025 08:49	539764-002	2	Water	RSK-175 CO2	
DW-3	12-AUG-2025 09:48	539764-003	2	Water	RSK-175 CO2	
PZ-4	12-AUG-2025 10:44	539764-004	2	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	Date: 8-14-25 14:44	Date:
		Date: 8/15/25 0933
	Date:	Date:

TN: 8835 8375 0149

1.0 wet
1243



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-539764

Date and Time Received: 8/15/2025 09:33

Date Logged: 8/15/2025

Received by:

WorkOrder №: 2508A21

Matrix:

Logged by:

Valerie Alfaro

Carrier: FedEx

Chain of Custody (COC) Information

Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Sample IDs noted by Client on COC?	Yes ☒	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☒	No ☐	
Sampler's name noted on COC?	Yes ☒	No ☐	
COC agrees with Quote?	Yes ☒	No ☐	NA ☐
COC quote NOT expired?	Yes ☐	No ☐	NA ☒

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☒	No ☐	NA ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	NA ☒
Shipping container/cooler in good condition?	Yes ☒	No ☐	
Samples in proper containers/bottles?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☒	No ☐	NA ☐
Samples Received on Ice?	Yes ☒	No ☐	

(Ice Type: WET ICE)

Sample/Temp Blank temperature	Temp: 1°C	NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☒ No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☒ No ☐	
pH acceptable upon receipt (Metal: <2)?	Yes ☐ No ☐	NA ☒

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐ No ☐	NA ☒
--	--	--

Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes ☐ No ☐	NA ☒
--	--	--

Comments:



Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 540855
Report Level : II
Report Date : 09/10/2025

Analytical Report *prepared for:*

Adrienne Thibeault
RMC Geoscience
775 Baywood Drive
Suite 305
Petaluma, CA 94954

Location: Chiquita Canyon Sampling / RM22.1077.00/Ph13

Authorized for release by:

Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

Sample Summary

Adrienne Thibeault	Lab Job #:	540855
RMC Geoscience	Location:	Chiquita Canyon Sampling / RM22.1077.00/Ph13
775 Baywood	Date Received:	08/26/25
Drive		
Suite 305		
Petaluma, CA		
94954		

Sample ID	Lab ID	Collected	Matrix
FP-01	540855-001	08/26/25 10:19	Water
QCAB	540855-002	08/26/25 00:00	Water
QCEB	540855-003	08/26/25 00:00	Water
QCTB	540855-004	08/26/25 00:00	Water

Case Narrative

RMC Geoscience	Lab Job Number: 540855
775 Baywood Drive	Location: Chiquita Canyon Sampling /
Suite 305	RM22.1077.00/Ph13
Petaluma, CA 94954	Date Received: 08/26/25
Adrienne Thibeault	

This data package contains sample and QC results for four water samples, requested for the above referenced project on 08/26/25. The samples were received in good condition.

Volatile Organics by GC/MS (EPA 8260B):

- FP-01 (lab # 540855-001) had pH greater than 2.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):

No analytical problems were encountered.

Metals (EPA 6010B):

- Low recovery was observed for iron in the MSD for batch 380379; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

Ion Chromatography (EPA 300.0):

No analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):

No analytical problems were encountered.

Alkalinity (SM2320B):

No analytical problems were encountered.

Sulfide (SM 4500-S2-D):

No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):

No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):

No analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):

- Low recovery was observed for ammonia-N in the MS for batch 381230; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

RSK-175 CO2 (RSK-175):

McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.



ENTHALPY

ANALYTICAL

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Lab No: 540855

Page: 1 of 1

Standard: X

2 Day:

5 Day:

3 Day:

Chain of Custody Record

Turn Around Time (rush by advanced notice only)

Matrix:

W = Water

WP = Wipe

DW = Drinking Water

SEA = Sea Water

S = Soil / Solid

O = Other

Preservatives:

1 = Na₂S₂O₃

2 = HCl

3 = HNO₃

4 = H₂SO₄

5 = NaOH

6 = Other

Sample Receipt Temp:

2 °C

12 °C

2.9 °C

40 °C

Quote #:

Proj. Name:

Proj. #:

P.O. #:

Address:

Global ID:

Sampled By:

Sample ID

Sampling Date

Sampling Time

Matrix

Number of Containers

Preservative

Company:

Report To:

Email:

Address:

Phone:

Fax:

Geo-Logic Associates

Adrienne Thibault

athibault@geo-logic.com

1477 E. Gustaf Rd, Ste 1

Ontario, CA 91761

(909) 677-1093

1

2

3

4

5

6

7

8

9

10

FP-01

QLAB

QCEB

QCTB

8-26-25

8-26-25

8-26-25

8-26-25

1019

-

-

-

15

3

3

2

Analysis Request

Test Instructions / Comments

1,4-Dioxane (EPA 8270C-SM)

Bicarbonate (as CaCO₃)

Total Alkalinity (as CaCO₃)

Ammonia-N (EPA 352.1)

Carbon Dioxide (free and total)

(SM 4500-CO₂D)

Chemical Oxygen Demand (EPA 410.4)

Sulfate (EPA 800.0)

Bromide/Chloride/Fluoride/Phosphate-Nitrate-Nitrogen (EPA 821.0-10.0)

TDS (SM 2540C)

8260 VOCs (APX 1 + APX 11) + DC DM

8260 VOCs (EPA 821.0-10.0)

X

X

X

X

X

X

X

X

X

X

Signature

Print Name

Company / Title

Date / Time

Jan Bond

Jesse Reksed

GLA Field Tech

8-26-25 1438

Relinquished By:

Received By:

Relinquished By:

Received By:

Relinquished By:

Received By:

Barcode

QR Code

540855

Log in 540855

4 of 35

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 8/26/25 WO# 540855 Client: GEO-LOGIC

Section 2: Shipping / Custody

Are custody seals present? ☐ Yes ☒ No

Custody seals intact on arrival? ☒ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

☐ Courier ☒ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 8/26/25 By (initials) JKC Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR13 CF: 0.0

Cooler Temp (°C) #1: 2.8 / 2.9 #2: _____ / _____ #3: _____ / _____ #4: _____ / _____ #5: _____ / _____ #6: _____ / _____

Section 3b: Microbiology Samples

☒ No microbiology samples submitted (skip 3b)

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples

☒ No air samples submitted (skip 3c)

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples

	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)			X
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?		X	
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?		X	
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?		X	
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?		X	
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

4.8★: Did not receive unpreserved VOA vials for test requested for Samples -002-004

4.6★: No dates, times or sample ID's on Samples -002 to -004, labeled based on labels on bubble bags
"Equipment Blanks, Field Blanks & Temp Blanks"

003

002

-004

☐ No additional discrepancies

Date Logged 8/26/25

By (print) NCM

(sign) _____

Date Labeled 8/26/25

By (print) DXR

(sign) _____

Analysis Results for 540855

Adrienne Thibeault
RMC Geoscience
775 Baywood Drive
Suite 305
Petaluma, CA 94954

Lab Job #: 540855
Location: Chiquita Canyon Sampling / RM22.1077.00/Ph13
Date Received: 08/26/25

Sample ID: FP-01

Lab ID: 540855-001

Collected: 08/26/25 10:19

Matrix: Water

540855-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.31		mg/L	0.20	0.073	1	380316	08/26/25 13:05	08/26/25 17:29	SSN
Chloride	100		mg/L	1.0	0.27	1	380316	08/26/25 13:05	08/26/25 17:29	SSN
Bromide	0.46		mg/L	0.30	0.060	1	380316	08/26/25 13:05	08/26/25 17:29	SSN
Nitrogen, Nitrate	0.09	J	mg/L	0.10	0.05	1	380316	08/26/25 13:05	08/26/25 17:29	SSN
Sulfate	400		mg/L	10	1.8	10	380316	08/26/25 13:05	08/26/25 17:46	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.25	0.13	2.5	381230	09/06/25	09/08/25	CKN
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	170		mg/L	4.0	2.0	1	381423	09/09/25	09/09/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.47		mg/L	0.050	0.0062	1	380379	08/27/25	08/27/25	TWJ
Calcium	230		mg/L	1.0	0.57	1	380379	08/27/25	08/27/25	TWJ
Iron	14		mg/L	0.10	0.041	1	380379	08/27/25	08/27/25	TWJ
Magnesium	38		mg/L	0.10	0.025	1	380379	08/27/25	08/27/25	TWJ
Manganese	1.1		mg/L	0.010	0.0029	1	380379	08/27/25	08/27/25	TWJ
Potassium	5.5		mg/L	0.50	0.42	1	380379	08/27/25	08/27/25	TWJ
Sodium	150		mg/L	0.50	0.34	1	380379	08/27/25	08/27/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
Carbon Disulfide	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
2-Chloroethylvinylether	ND		ug/L	50	1.3	1	380383	08/27/25	08/27/25	ZST
Chloroprene	ND		ug/L	200	2.7	1	380383	08/27/25	08/27/25	ZST
3-Chloropropene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Ethyl methacrylate	ND		ug/L	50	3.9	1	380383	08/27/25	08/27/25	ZST
Ethanol	ND		ug/L	500	160	1	380383	08/27/25	08/27/25	ZST
2-Hexanone	ND		ug/L	5.0	1.3	1	380383	08/27/25	08/27/25	ZST
Iodomethane	ND		ug/L	10	1.5	1	380383	08/27/25	08/27/25	ZST
Isopropanol (IPA)	ND		ug/L	200	96	1	380383	08/27/25	08/27/25	ZST
Methyl acrylonitrile	ND		ug/L	35	4.2	1	380383	08/27/25	08/27/25	ZST
Vinyl Acetate	ND		ug/L	50	3.2	1	380383	08/27/25	08/27/25	ZST
Acrolein	ND		ug/L	200	2.6	1	380383	08/27/25	08/27/25	ZST
Acrylonitrile	ND		ug/L	10	0.7	1	380383	08/27/25	08/27/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Chloromethane	ND		ug/L	5.0	0.09	1	380383	08/27/25	08/27/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Bromomethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Chloroethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST

Analysis Results for 540855

540855-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Acetone	ND		ug/L	100	14	1	380383	08/27/25	08/27/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	380383	08/27/25	08/27/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	380383	08/27/25	08/27/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Chloroform	ND		ug/L	5.0	0.08	1	380383	08/27/25	08/27/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Benzene	ND		ug/L	1.0	0.1	1	380383	08/27/25	08/27/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.09	1	380383	08/27/25	08/27/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	380383	08/27/25	08/27/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	380383	08/27/25	08/27/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	380383	08/27/25	08/27/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.07	1	380383	08/27/25	08/27/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	1	380383	08/27/25	08/27/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	380383	08/27/25	08/27/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Bromoform	ND		ug/L	5.0	0.06	1	380383	08/27/25	08/27/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST

Analysis Results for 540855

540855-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
n-Butylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	1	380383	08/27/25	08/27/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
Naphthalene	ND		ug/L	5.0	0.6	1	380383	08/27/25	08/27/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
Xylene (total)	ND		ug/L	5.0		1	380383	08/27/25	08/27/25	ZST

Surrogates			Limits							
Dibromofluoromethane	108%		%REC	70-130		1	380383	08/27/25	08/27/25	ZST
1,2-Dichloroethane-d4	109%		%REC	70-130		1	380383	08/27/25	08/27/25	ZST
Toluene-d8	97%		%REC	70-130		1	380383	08/27/25	08/27/25	ZST
Bromofluorobenzene	95%		%REC	70-130		1	380383	08/27/25	08/27/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

1,4-Dioxane	5.8		ug/L	1.0	0.95	1	380447	08/27/25	08/30/25	ZFA
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Surrogates			Limits							
1,4-Dioxane-d8 (SUR)	102%		%REC	80-120		1	380447	08/27/25	08/30/25	ZFA

Method: SM 4500-S2-D

Prep Method: METHOD

Sulfide	ND		mg/L	0.10		1	380543	08/28/25	08/28/25	LVL
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Method: SM 5310B

Prep Method: SM 5310B

Total Organic Carbon	14		mg/L	1.0	0.68	1	380869	09/02/25	09/03/25	ARM
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Method: SM2320B

Prep Method: METHOD

Alkalinity, Bicarbonate, as CaCO3	370		mg/L	10		5	380455	08/29/25	08/29/25	WWC
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Alkalinity, Total as CaCO3	370		mg/L	10		5	380455	08/29/25	08/29/25	WWC
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Method: SM2540C

Prep Method: METHOD

Total Dissolved Solids	1,200		mg/L	20		2	380567	08/28/25	08/31/25	AAB
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Analysis Results for 540855

Sample ID: QCAB
Lab ID: 540855-002
Collected: 08/26/25
Matrix: Water

540855-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
Carbon Disulfide	0.2	J	ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
2-Chloroethylvinylether	ND		ug/L	50	1.3	1	380383	08/27/25	08/27/25	ZST
Chloroprene	ND		ug/L	200	2.7	1	380383	08/27/25	08/27/25	ZST
3-Chloropropene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Ethyl methacrylate	ND		ug/L	50	3.9	1	380383	08/27/25	08/27/25	ZST
Ethanol	ND		ug/L	500	160	1	380383	08/27/25	08/27/25	ZST
2-Hexanone	ND		ug/L	5.0	1.3	1	380383	08/27/25	08/27/25	ZST
Iodomethane	ND		ug/L	10	1.5	1	380383	08/27/25	08/27/25	ZST
Isopropanol (IPA)	ND		ug/L	200	96	1	380383	08/27/25	08/27/25	ZST
Methyl acrylonitrile	ND		ug/L	35	4.2	1	380383	08/27/25	08/27/25	ZST
Vinyl Acetate	ND		ug/L	50	3.2	1	380383	08/27/25	08/27/25	ZST
Acrolein	ND		ug/L	200	2.6	1	380383	08/27/25	08/27/25	ZST
Acrylonitrile	ND		ug/L	10	0.7	1	380383	08/27/25	08/27/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Chloromethane	ND		ug/L	5.0	0.09	1	380383	08/27/25	08/27/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Bromomethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Chloroethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Acetone	ND		ug/L	100	14	1	380383	08/27/25	08/27/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Methylene Chloride	7.6		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	380383	08/27/25	08/27/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	380383	08/27/25	08/27/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Chloroform	0.8	J	ug/L	5.0	0.08	1	380383	08/27/25	08/27/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Benzene	ND		ug/L	1.0	0.1	1	380383	08/27/25	08/27/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.09	1	380383	08/27/25	08/27/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	380383	08/27/25	08/27/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	380383	08/27/25	08/27/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	380383	08/27/25	08/27/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST

Analysis Results for 540855

540855-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,3-Dichloropropane	ND		ug/L	5.0	0.07	1	380383	08/27/25	08/27/25	ZST
Tetrachloroethene	0.2	J	ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	1	380383	08/27/25	08/27/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	380383	08/27/25	08/27/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Bromoform	ND		ug/L	5.0	0.06	1	380383	08/27/25	08/27/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	1	380383	08/27/25	08/27/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
Naphthalene	ND		ug/L	5.0	0.6	1	380383	08/27/25	08/27/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
Xylene (total)	ND		ug/L	5.0		1	380383	08/27/25	08/27/25	ZST
Surrogates	Limits									
Dibromofluoromethane	108%		%REC	70-130		1	380383	08/27/25	08/27/25	ZST
1,2-Dichloroethane-d4	104%		%REC	70-130		1	380383	08/27/25	08/27/25	ZST
Toluene-d8	98%		%REC	70-130		1	380383	08/27/25	08/27/25	ZST
Bromofluorobenzene	96%		%REC	70-130		1	380383	08/27/25	08/27/25	ZST

Analysis Results for 540855

Sample ID: QCEB
Lab ID: 540855-003
Collected: 08/26/25
Matrix: Water

540855-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
Carbon Disulfide	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
2-Chloroethylvinylether	ND		ug/L	50	1.3	1	380383	08/27/25	08/27/25	ZST
Chloroprene	ND		ug/L	200	2.7	1	380383	08/27/25	08/27/25	ZST
3-Chloropropene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Ethyl methacrylate	ND		ug/L	50	3.9	1	380383	08/27/25	08/27/25	ZST
Ethanol	ND		ug/L	500	160	1	380383	08/27/25	08/27/25	ZST
2-Hexanone	ND		ug/L	5.0	1.3	1	380383	08/27/25	08/27/25	ZST
Iodomethane	ND		ug/L	10	1.5	1	380383	08/27/25	08/27/25	ZST
Isopropanol (IPA)	ND		ug/L	200	96	1	380383	08/27/25	08/27/25	ZST
Methyl acrylonitrile	ND		ug/L	35	4.2	1	380383	08/27/25	08/27/25	ZST
Vinyl Acetate	ND		ug/L	50	3.2	1	380383	08/27/25	08/27/25	ZST
Acrolein	ND		ug/L	200	2.6	1	380383	08/27/25	08/27/25	ZST
Acrylonitrile	ND		ug/L	10	0.7	1	380383	08/27/25	08/27/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Chloromethane	ND		ug/L	5.0	0.09	1	380383	08/27/25	08/27/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Bromomethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Chloroethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Acetone	ND		ug/L	100	14	1	380383	08/27/25	08/27/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Methylene Chloride	4.5	J	ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	380383	08/27/25	08/27/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	380383	08/27/25	08/27/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Chloroform	0.5	J	ug/L	5.0	0.08	1	380383	08/27/25	08/27/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Benzene	ND		ug/L	1.0	0.1	1	380383	08/27/25	08/27/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.09	1	380383	08/27/25	08/27/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	380383	08/27/25	08/27/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	380383	08/27/25	08/27/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	380383	08/27/25	08/27/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST

Analysis Results for 540855

540855-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,3-Dichloropropane	ND		ug/L	5.0	0.07	1	380383	08/27/25	08/27/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	1	380383	08/27/25	08/27/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	380383	08/27/25	08/27/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Bromoform	ND		ug/L	5.0	0.06	1	380383	08/27/25	08/27/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	1	380383	08/27/25	08/27/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
Naphthalene	ND		ug/L	5.0	0.6	1	380383	08/27/25	08/27/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
Xylene (total)	ND		ug/L	5.0		1	380383	08/27/25	08/27/25	ZST
Surrogates	Limits									
Dibromofluoromethane	107%		%REC	70-130		1	380383	08/27/25	08/27/25	ZST
1,2-Dichloroethane-d4	105%		%REC	70-130		1	380383	08/27/25	08/27/25	ZST
Toluene-d8	101%		%REC	70-130		1	380383	08/27/25	08/27/25	ZST
Bromofluorobenzene	95%		%REC	70-130		1	380383	08/27/25	08/27/25	ZST

Analysis Results for 540855

Sample ID: QCTB
Lab ID: 540855-004
Collected: 08/26/25
Matrix: Water

540855-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
Carbon Disulfide	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
2-Chloroethylvinylether	ND		ug/L	50	1.3	1	380383	08/27/25	08/27/25	ZST
Chloroprene	ND		ug/L	200	2.7	1	380383	08/27/25	08/27/25	ZST
3-Chloropropene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Ethyl methacrylate	ND		ug/L	50	3.9	1	380383	08/27/25	08/27/25	ZST
Ethanol	ND		ug/L	500	160	1	380383	08/27/25	08/27/25	ZST
2-Hexanone	ND		ug/L	5.0	1.3	1	380383	08/27/25	08/27/25	ZST
Iodomethane	ND		ug/L	10	1.5	1	380383	08/27/25	08/27/25	ZST
Isopropanol (IPA)	ND		ug/L	200	96	1	380383	08/27/25	08/27/25	ZST
Methyl acrylonitrile	ND		ug/L	35	4.2	1	380383	08/27/25	08/27/25	ZST
Vinyl Acetate	ND		ug/L	50	3.2	1	380383	08/27/25	08/27/25	ZST
Acrolein	ND		ug/L	200	2.6	1	380383	08/27/25	08/27/25	ZST
Acrylonitrile	ND		ug/L	10	0.7	1	380383	08/27/25	08/27/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Chloromethane	ND		ug/L	5.0	0.09	1	380383	08/27/25	08/27/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Bromomethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Chloroethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Acetone	ND		ug/L	100	14	1	380383	08/27/25	08/27/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Methylene Chloride	0.4	J	ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	380383	08/27/25	08/27/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	380383	08/27/25	08/27/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Chloroform	0.8	J	ug/L	5.0	0.08	1	380383	08/27/25	08/27/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Benzene	ND		ug/L	1.0	0.1	1	380383	08/27/25	08/27/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.09	1	380383	08/27/25	08/27/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	380383	08/27/25	08/27/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	380383	08/27/25	08/27/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	380383	08/27/25	08/27/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST

Analysis Results for 540855

540855-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,3-Dichloropropane	ND		ug/L	5.0	0.07	1	380383	08/27/25	08/27/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	1	380383	08/27/25	08/27/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	380383	08/27/25	08/27/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Bromoform	ND		ug/L	5.0	0.06	1	380383	08/27/25	08/27/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	1	380383	08/27/25	08/27/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
Naphthalene	ND		ug/L	5.0	0.6	1	380383	08/27/25	08/27/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
Xylene (total)	ND		ug/L	5.0		1	380383	08/27/25	08/27/25	ZST
Surrogates	Limits									
Dibromofluoromethane	109%		%REC	70-130		1	380383	08/27/25	08/27/25	ZST
1,2-Dichloroethane-d4	107%		%REC	70-130		1	380383	08/27/25	08/27/25	ZST
Toluene-d8	99%		%REC	70-130		1	380383	08/27/25	08/27/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	380383	08/27/25	08/27/25	ZST

J Estimated value

ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1288073	Batch: 380316
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1288073 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	08/26/25 13:05	08/26/25 13:36
Chloride	ND		mg/L	1.0	0.27	08/26/25 13:05	08/26/25 13:36
Bromide	ND		mg/L	0.30	0.060	08/26/25 13:05	08/26/25 13:36
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	08/26/25 13:05	08/26/25 13:36
Sulfate	ND		mg/L	1.0	0.18	08/26/25 13:05	08/26/25 13:36

Type: Lab Control Sample	Lab ID: QC1288074	Batch: 380316
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1288074 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.957	10.00	mg/L	100%		90-110
Chloride	46.19	50.00	mg/L	92%		90-110
Bromide	14.18	15.00	mg/L	95%		90-110
Nitrogen, Nitrate	4.413	4.518	mg/L	98%		90-110
Sulfate	24.82	25.00	mg/L	99%		90-110

Type: Matrix Spike	Lab ID: QC1288075	Batch: 380316
Matrix (Source ID): Water (540720-001)	Method: EPA 300.0	Prep Method: METHOD

QC1288075 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	20.43	0.07763	20.00	mg/L	102%		80-129	1
Chloride	111.0	9.186	100.0	mg/L	102%		80-123	1
Bromide	14.27	ND	15.00	mg/L	95%		80-121	1
Nitrogen, Nitrate	10.17	1.163	9.036	mg/L	100%		80-123	1
Sulfate	61.46	11.51	50.00	mg/L	100%		79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1288076	Batch: 380316
Matrix (Source ID): Water (540720-001)	Method: EPA 300.0	Prep Method: METHOD

QC1288076 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	21.04	0.07763	20.00	mg/L	105%		80-129	3	21	1
Chloride	113.9	9.186	100.0	mg/L	105%		80-123	3	20	1
Bromide	14.67	ND	15.00	mg/L	98%		80-121	3	20	1
Nitrogen, Nitrate	10.41	1.163	9.036	mg/L	102%		80-123	2	20	1
Sulfate	62.90	11.51	50.00	mg/L	103%		79-124	2	20	1

Type: Blank	Lab ID: QC1291195	Batch: 381230
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1291195 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	09/06/25	09/08/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1291196	Batch: 381230
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1291196 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9408	1.000	mg/L	94%		90-110

Type: Matrix Spike	Lab ID: QC1291197	Batch: 381230
Matrix (Source ID): Water (540596-001)	Method: EPA 350.1	Prep Method: SM 4500-NH3-G SD

QC1291197 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.015	ND	1.000	mg/L	102%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1291198	Batch: 381230
Matrix (Source ID): Water (540596-001)	Method: EPA 350.1	Prep Method: SM 4500-NH3-G SD

QC1291198 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Ammonia-N	0.9412	ND	1.000	mg/L	94%		90-110	8	20	1

Type: Matrix Spike	Lab ID: QC1291199	Batch: 381230
Matrix (Source ID): Water (540690-001)	Method: EPA 350.1	Prep Method: METHOD

QC1291199 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.8673	ND	1.000	mg/L	87%	*	90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1291200	Batch: 381230
Matrix (Source ID): Water (540690-001)	Method: EPA 350.1	Prep Method: METHOD

QC1291200 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Ammonia-N	0.9671	ND	1.000	mg/L	97%		90-110	11	20	1

Type: Blank	Lab ID: QC1291916	Batch: 381423
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1291916 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	09/09/25	09/09/25

Type: Lab Control Sample	Lab ID: QC1291917	Batch: 381423
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1291917 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	991.0	1000	mg/L	99%		90-110

Batch QC

Type: Matrix Spike	Lab ID: QC1291918	Batch: 381423
Matrix (Source ID): Water (540855-001)	Method: EPA 410.4	Prep Method: METHOD

QC1291918 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	1,138	174.0	1000	mg/L	96%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1291919	Batch: 381423
Matrix (Source ID): Water (540855-001)	Method: EPA 410.4	Prep Method: METHOD

QC1291919 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	1,180	174.0	1000	mg/L	101%		75-125	4	20	2

Type: Blank	Lab ID: QC1288320	Batch: 380379
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1288320 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0062	08/27/25	08/27/25
Calcium	ND		mg/L	0.57	0.57	08/27/25	08/27/25
Iron	ND		mg/L	0.041	0.041	08/27/25	08/27/25
Magnesium	ND		mg/L	0.10	0.025	08/27/25	08/27/25
Manganese	ND		mg/L	0.010	0.0029	08/27/25	08/27/25
Potassium	ND		mg/L	0.50	0.42	08/27/25	08/27/25
Sodium	ND		mg/L	0.50	0.34	08/27/25	08/27/25

Type: Lab Control Sample	Lab ID: QC1288321	Batch: 380379
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1288321 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3835	0.4000	mg/L	96%		80-120
Calcium	19.83	20.40	mg/L	97%		80-120
Iron	0.3828	0.4000	mg/L	96%		80-120
Magnesium	19.06	20.40	mg/L	93%		80-120
Manganese	0.3834	0.4000	mg/L	96%		80-120
Potassium	23.30	24.00	mg/L	97%		80-120
Sodium	19.68	20.40	mg/L	96%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1288322	Batch: 380379
Matrix (Source ID): Water (540816-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1288322 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.8743	0.4981	0.4000	mg/L	94%		75-125	1
Calcium	126.5	110.8	20.40	mg/L	77%	NM	75-125	1
Iron	0.9479	0.6329	0.4000	mg/L	79%		75-125	1
Magnesium	48.10	29.58	20.40	mg/L	91%		75-125	1
Manganese	0.7607	0.3916	0.4000	mg/L	92%		75-125	1
Potassium	30.11	6.849	24.00	mg/L	97%		75-125	1
Sodium	151.7	135.6	20.40	mg/L	79%	NM	75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1288323	Batch: 380379
Matrix (Source ID): Water (540816-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1288323 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.8543	0.4981	0.4000	mg/L	89%		75-125	2	20	1
Calcium	126.1	110.8	20.40	mg/L	75%	NM	75-125	0	20	1
Iron	0.9274	0.6329	0.4000	mg/L	74%	*	75-125	2	22	1
Magnesium	48.27	29.58	20.40	mg/L	92%		75-125	0	20	1
Manganese	0.7450	0.3916	0.4000	mg/L	88%		75-125	2	20	1
Potassium	29.64	6.849	24.00	mg/L	95%		75-125	2	20	1
Sodium	151.6	135.6	20.40	mg/L	78%	NM	75-125	0	20	1

Type: Serial Dilution	Lab ID: QC1288404	Batch: 380379
Matrix (Source ID): Water (540185-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1288404 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	0.1117	0.1104	mg/L	J			5
Calcium	ND	ND	mg/L				5
Iron	ND	ND	mg/L				5
Magnesium	ND	ND	mg/L				5
Manganese	ND	ND	mg/L				5
Potassium	ND	ND	mg/L				5
Sodium	5.246	5.362	mg/L				5

Batch QC

Type: Lab Control Sample	Lab ID: QC1288341	Batch: 380383
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1288341 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	49.05	50.00	ug/L	98%		69-128
MTBE	42.02	50.00	ug/L	84%		66-125
Benzene	49.74	50.00	ug/L	99%		76-121
Trichloroethene	52.10	50.00	ug/L	104%		76-124
Toluene	51.38	50.00	ug/L	103%		76-120
Chlorobenzene	50.23	50.00	ug/L	100%		78-120
Surrogates						
Dibromofluoromethane	51.44	50.00	ug/L	103%		70-130
1,2-Dichloroethane-d4	47.26	50.00	ug/L	95%		70-130
Toluene-d8	51.11	50.00	ug/L	102%		70-130
Bromofluorobenzene	46.35	50.00	ug/L	93%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1288342	Batch: 380383
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1288342 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	52.27	50.00	ug/L	105%		69-128	6	23
MTBE	47.55	50.00	ug/L	95%		66-125	12	22
Benzene	54.23	50.00	ug/L	108%		76-121	9	21
Trichloroethene	56.66	50.00	ug/L	113%		76-124	8	22
Toluene	55.56	50.00	ug/L	111%		76-120	8	21
Chlorobenzene	54.67	50.00	ug/L	109%		78-120	8	20
Surrogates								
Dibromofluoromethane	51.42	50.00	ug/L	103%		70-130		
1,2-Dichloroethane-d4	47.95	50.00	ug/L	96%		70-130		
Toluene-d8	50.36	50.00	ug/L	101%		70-130		
Bromofluorobenzene	46.36	50.00	ug/L	93%		70-130		

Batch QC

Type: Blank	Lab ID: QC1288344	Batch: 380383
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1288344 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Carbon Disulfide	ND		ug/L	5.0	0.1	08/27/25	08/27/25
2-Chloroethylvinylether	ND		ug/L	50	1.3	08/27/25	08/27/25
Chloroprene	ND		ug/L	200	2.7	08/27/25	08/27/25
3-Chloropropene	ND		ug/L	5.0	0.2	08/27/25	08/27/25
Ethyl methacrylate	ND		ug/L	50	3.9	08/27/25	08/27/25
Ethanol	ND		ug/L	500	160	08/27/25	08/27/25
2-Hexanone	ND		ug/L	5.0	1.3	08/27/25	08/27/25
Iodomethane	ND		ug/L	10	1.5	08/27/25	08/27/25
Isopropanol (IPA)	ND		ug/L	200	96	08/27/25	08/27/25
Methyl acrylonitrile	ND		ug/L	35	4.2	08/27/25	08/27/25
Vinyl Acetate	ND		ug/L	50	3.2	08/27/25	08/27/25
Acrolein	ND		ug/L	200	2.6	08/27/25	08/27/25
Acrylonitrile	ND		ug/L	10	0.7	08/27/25	08/27/25
Freon 12	ND		ug/L	5.0	0.2	08/27/25	08/27/25
Chloromethane	ND		ug/L	5.0	0.09	08/27/25	08/27/25
Vinyl Chloride	ND		ug/L	5.0	0.1	08/27/25	08/27/25
Bromomethane	ND		ug/L	5.0	0.1	08/27/25	08/27/25
Chloroethane	ND		ug/L	5.0	0.1	08/27/25	08/27/25
Trichlorofluoromethane	ND		ug/L	5.0	0.1	08/27/25	08/27/25
Acetone	ND		ug/L	100	14	08/27/25	08/27/25
Freon 113	ND		ug/L	5.0	0.1	08/27/25	08/27/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
Methylene Chloride	ND		ug/L	5.0	0.2	08/27/25	08/27/25
MTBE	ND		ug/L	5.0	0.1	08/27/25	08/27/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
1,1-Dichloroethane	ND		ug/L	5.0	0.09	08/27/25	08/27/25
2-Butanone	ND		ug/L	100	1.3	08/27/25	08/27/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
2,2-Dichloropropane	ND		ug/L	5.0	0.2	08/27/25	08/27/25
Chloroform	ND		ug/L	5.0	0.08	08/27/25	08/27/25
Bromochloromethane	ND		ug/L	5.0	0.1	08/27/25	08/27/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	08/27/25	08/27/25
1,1-Dichloropropene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
Carbon Tetrachloride	ND		ug/L	5.0	0.1	08/27/25	08/27/25
1,2-Dichloroethane	ND		ug/L	5.0	0.2	08/27/25	08/27/25
Benzene	ND		ug/L	1.0	0.1	08/27/25	08/27/25
Trichloroethene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
1,2-Dichloropropane	ND		ug/L	5.0	0.09	08/27/25	08/27/25
Bromodichloromethane	ND		ug/L	5.0	0.07	08/27/25	08/27/25
Dibromomethane	ND		ug/L	5.0	0.1	08/27/25	08/27/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	08/27/25	08/27/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
Toluene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	08/27/25	08/27/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	08/27/25	08/27/25
1,3-Dichloropropane	ND		ug/L	5.0	0.07	08/27/25	08/27/25
Tetrachloroethene	ND		ug/L	5.0	0.2	08/27/25	08/27/25

Batch QC

QC1288344 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Dibromochloromethane	ND		ug/L	5.0	0.1	08/27/25	08/27/25
1,2-Dibromoethane	ND		ug/L	5.0	0.1	08/27/25	08/27/25
Chlorobenzene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	08/27/25	08/27/25
Ethylbenzene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
m,p-Xylenes	ND		ug/L	10	0.2	08/27/25	08/27/25
o-Xylene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
Styrene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
Bromoform	ND		ug/L	5.0	0.06	08/27/25	08/27/25
Isopropylbenzene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	08/27/25	08/27/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	08/27/25	08/27/25
Propylbenzene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
Bromobenzene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
2-Chlorotoluene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
4-Chlorotoluene	ND		ug/L	5.0	0.2	08/27/25	08/27/25
tert-Butylbenzene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
sec-Butylbenzene	ND		ug/L	5.0	0.2	08/27/25	08/27/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	08/27/25	08/27/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	08/27/25	08/27/25
n-Butylbenzene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	08/27/25	08/27/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	08/27/25	08/27/25
Hexachlorobutadiene	ND		ug/L	5.0	0.3	08/27/25	08/27/25
Naphthalene	ND		ug/L	5.0	0.6	08/27/25	08/27/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	08/27/25	08/27/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	08/27/25	08/27/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	08/27/25	08/27/25
Xylene (total)	ND		ug/L	5.0		08/27/25	08/27/25
Surrogates				Limits			
Dibromofluoromethane	107%		%REC	70-130		08/27/25	08/27/25
1,2-Dichloroethane-d4	102%		%REC	70-130		08/27/25	08/27/25
Toluene-d8	98%		%REC	70-130		08/27/25	08/27/25
Bromofluorobenzene	97%		%REC	70-130		08/27/25	08/27/25

Batch QC

Type: Matrix Spike	Lab ID: QC1288407	Batch: 380383
Matrix (Source ID): Water (540385-003)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1288407 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	227.0	ND	200.0	ug/L	113%		62-131	10
MTBE	191.8	ND	200.0	ug/L	96%		61-124	10
Benzene	229.5	ND	200.0	ug/L	115%		70-123	10
Trichloroethene	1,119	869.6	200.0	ug/L	125%	NM	65-131	10
Toluene	239.8	ND	200.0	ug/L	120%		69-120	10
Chlorobenzene	240.0	ND	200.0	ug/L	120%		72-121	10
Surrogates								
Dibromofluoromethane	513.7		500.0	ug/L	103%		70-130	10
1,2-Dichloroethane-d4	482.7		500.0	ug/L	97%		70-130	10
Toluene-d8	511.3		500.0	ug/L	102%		70-130	10
Bromofluorobenzene	479.2		500.0	ug/L	96%		70-130	10

Type: Matrix Spike Duplicate	Lab ID: QC1288408	Batch: 380383
Matrix (Source ID): Water (540385-003)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1288408 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	201.3	ND	200.0	ug/L	101%		62-131	12	31	10
MTBE	182.3	ND	200.0	ug/L	91%		61-124	5	30	10
Benzene	207.5	ND	200.0	ug/L	104%		70-123	10	31	10
Trichloroethene	982.9	869.6	200.0	ug/L	57%	NM	65-131	13	31	10
Toluene	214.1	ND	200.0	ug/L	107%		69-120	11	29	10
Chlorobenzene	213.4	ND	200.0	ug/L	107%		72-121	12	29	10
Surrogates										
Dibromofluoromethane	515.6		500.0	ug/L	103%		70-130			10
1,2-Dichloroethane-d4	476.7		500.0	ug/L	95%		70-130			10
Toluene-d8	502.7		500.0	ug/L	101%		70-130			10
Bromofluorobenzene	475.0		500.0	ug/L	95%		70-130			10

Type: Blank	Lab ID: QC1288566	Batch: 380447
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1288566 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.95	08/27/25	08/29/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	108%		%REC	80-120		08/27/25	08/29/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1288567	Batch: 380447
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1288567 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	9.760	10.00	ug/L	98%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	9.980	10.00	ug/L	100%		80-120

Type: Matrix Spike	Lab ID: QC1288568	Batch: 380447
Matrix (Source ID): Water (540840-001)	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1288568 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,4-Dioxane	10.21	ND	10.00	ug/L	102%		69-120	1
Surrogates								
1,4-Dioxane-d8 (SUR)	10.18		10.00	ug/L	102%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1288569	Batch: 380447
Matrix (Source ID): Water (540840-001)	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1288569 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,4-Dioxane	9.755	ND	10.00	ug/L	98%		69-120	5	30	1
Surrogates										
1,4-Dioxane-d8 (SUR)	10.07		10.00	ug/L	101%		80-120			1

Type: Blank	Lab ID: QC1288887	Batch: 380543
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1288887 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		08/28/25	08/28/25

Type: Lab Control Sample	Lab ID: QC1288888	Batch: 380543
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1288888 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1288965	Batch: 380543
Matrix (Source ID): Drinking Water (540941-004)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1288965 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1288966	Batch: 380543
Matrix (Source ID): Drinking Water (540941-004)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1288966 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	0	20	1

Type: Blank	Lab ID: QC1289996	Batch: 380869
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1289996 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.68	09/02/25	09/02/25

Type: Lab Control Sample	Lab ID: QC1289997	Batch: 380869
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1289997 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	23.15	25.00	mg/L	93%		85-115

Type: Matrix Spike	Lab ID: QC1289998	Batch: 380869
Matrix (Source ID): Water (540538-002)	Method: SM 5310B	Prep Method: SM 5310B

QC1289998 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	29.71	1.373	25.00	mg/L	113%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1289999	Batch: 380869
Matrix (Source ID): Water (540538-002)	Method: SM 5310B	Prep Method: SM 5310B

QC1289999 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	26.30	1.373	25.00	mg/L	100%		75-125	12	25	1

Type: Blank	Lab ID: QC1288595	Batch: 380455
Matrix: Drinking Water	Method: SM2320B	Prep Method: METHOD

QC1288595 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		08/29/25	08/29/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		08/29/25	08/29/25

Type: Lab Control Sample	Lab ID: QC1288596	Batch: 380455
Matrix: Drinking Water	Method: SM2320B	Prep Method: METHOD

QC1288596 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	963.7	1000	mg/L	96%		90-110

Batch QC

Type: Sample Duplicate	Lab ID: QC1289376	Batch: 380455
Matrix (Source ID): Water (540822-004)	Method: SM2320B	Prep Method: METHOD

QC1289376 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	1,369	1321	mg/L		4	20	10
Alkalinity, Total as CaCO ₃	1,554	1498	mg/L		4	20	10

Type: Blank	Lab ID: QC1288943	Batch: 380567
Matrix: Filtrate	Method: SM2540C	Prep Method: METHOD

QC1288943 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		08/28/25	08/31/25

Type: Lab Control Sample	Lab ID: QC1288944	Batch: 380567
Matrix: Filtrate	Method: SM2540C	Prep Method: METHOD

QC1288944 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	994.0	1000	mg/L	99%		90-110

Type: Sample Duplicate	Lab ID: QC1288945	Batch: 380567
Matrix (Source ID): Water (540789-001)	Method: SM2540C	Prep Method: METHOD

QC1288945 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	718.0	710.0	mg/L		1	5	2

Type: Sample Duplicate	Lab ID: QC1288946	Batch: 380567
Matrix (Source ID): Water (540914-001)	Method: SM2540C	Prep Method: METHOD

QC1288946 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	5,684	5620	mg/L		1	5	4

* Value is outside QC limits
J Estimated value
ND Not Detected
NM Not Meaningful

Laboratory Job Number 540855

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2508K35

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-540855

Project Location:

Project Received: 08/28/2025

Analytical Report reviewed & approved for release on 09/02/2025 by:

Jena Alfaro
Project Manager

McC Campbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.





Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical**WorkOrder:** 2508K35**Project:** EO-540855

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit ¹
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit ²
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

¹ MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

² RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.



Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2508K35

Project: EO-540855

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	"Too Numerous to Count," greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

Analytical Qualifiers

b1 Aqueous sample that contains greater than ~1 vol. % sediment



Analytical Report

Client: Enthalpy Analytical
Date Received: 08/28/2025 10:11
Date Prepared: 09/02/2025
Project: EO-540855

WorkOrder: 2508K35
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FP-01	2508K35-001A	Water	08/26/2025 10:19	GC26 0902250105.D	324893

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	29,000	1000	1000	20	09/02/2025 15:44

Analyst(s): CLO

Analytical Comments: b1



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 09/02/2025
Date Analyzed: 09/02/2025
Instrument: GC26
Matrix: Water
Project: EO-540855

WorkOrder: 2508K35
BatchID: 324893
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-324893

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	160	140	187.2	85	74	70-130	13.2	30

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

☐ WaterTrax ☐ CLIP ☐ EDF

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2508K35

ClientCode: ENO

QuoteID: 252619

☐ EQuIS ☐ Dry-Weight ☒ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☐ Detection Summary ☒ Excel [A1_Standard_QC]

Report to:

Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party:
PO: 079649
Project: EO-540855

Bill to:

Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT:

2 days;

Date Received: 08/28/2025

Date Logged: 08/28/2025

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2508K35-001	FP-01	Water	8/26/2025 10:19	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Emily Perez

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL

Project: EO-540855

Work Order: 2508K35

Client Contact: Zach Barker

QC Level: LEVEL 2

Contact's Email: zach.barker@enthalpy.com

Comments:

Date Logged: 8/28/2025

☐ WaterTrax

☐ CLIP

☐ EDF

☒ Excel

☐ EQUIS

☒ Email

☐ HardCopy

☐ ThirdParty

☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	FP-01	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	8/26/2025 10:19	2 days	9/2/2025	5%+	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U** = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.

HOLD TIME RUSH

2508K35



931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:

McC Campbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-540855

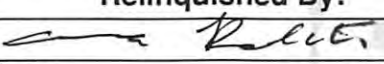
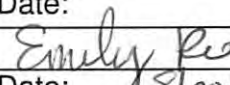
PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel
EDD

Notes:

--

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
FP-01	26-AUG-2025 10:19	540855-001	2	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
		
	Date: 8.27.25 14:37	Date:
	Date:	
	Date:	Date: 8/28/25 10:11

FedEx: 8839 14403319

2.3461
1239



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-540855

Date and Time Received: 8/28/2025 10:11

Date Logged: 8/28/2025

Received by: Emily Perez

Logged by: Emily Perez

WorkOrder No: 2508K35 Matrix: Water
Carrier: FedEx

Chain of Custody (COC) Information

Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Sample IDs noted by Client on COC?	Yes ☒	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☒	No ☐	
Sampler's name noted on COC?	Yes ☒	No ☐	
COC agrees with Quote?	Yes ☐	No ☐	NA ☒
COC quote NOT expired?	Yes ☐	No ☐	NA ☒

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	NA ☒
Shipping container/cooler in good condition?	Yes ☒	No ☐	
Samples in proper containers/bottles?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☒	No ☐	NA ☐
Samples Received on Ice?	Yes ☒	No ☐	

(Ice Type: WET ICE)

Sample/Temp Blank temperature	Temp: 2.3°C	NA ☐	
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☐	No ☐	NA ☒
Sample labels checked for correct preservation?	Yes ☒	No ☐	
pH acceptable upon receipt (Metal: <2)?	Yes ☐	No ☐	NA ☒

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐	No ☐	NA ☒
--	------------------------------	-----------------------------	--

Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7)?	Yes ☐	No ☐	NA ☒
--	------------------------------	-----------------------------	--

Comments:



Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 541918
Report Level : II
Report Date : 09/30/2025
Revision : 2 (See narrative)

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill

Authorized for release by:

Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197



Sample Summary

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo
Drive
Castaic, CA 91384

Lab Job #: 541918
Project No: GW MONITORING
Location: Chiquita Canyon Landfill
Date Received: 09/11/25

Sample ID	Lab ID	Collected	Matrix
DW-28	541918-001	09/11/25 08:27	Water
DW-8	541918-002	09/11/25 09:47	Water
DW-9	541918-003	09/11/25 11:09	Water
DW-29	541918-004	09/11/25 12:23	Water
QCFB	541918-005	09/11/25 11:12	Water
QCTB	541918-006	09/11/25 00:00	Water

Case Narrative

Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384
Steve Cassulo

Lab Job Number: 541918
Project No: GW MONITORING
Location: Chiquita Canyon
Landfill
Date Received: 09/11/25

- This data package contains sample and QC results for six water samples, requested for the above referenced project on 09/12/25. The samples were received in good condition.
- This report was revised on 09/30/25 to amend the 8260 reporting list.

Volatile Organics by GC/MS (EPA 8260B):

No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):

No analytical problems were encountered.

Metals (EPA 6010B):

No analytical problems were encountered.

Ion Chromatography (EPA 300.0):

- Responses exceeding the instrument's linear range were observed for sulfate in the MS/MSD for batch 381785 and the MS/MSD for batch 382618; affected data was qualified with "E".
- No other analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):

No analytical problems were encountered.

Alkalinity (SM2320B):

No analytical problems were encountered.

Sulfide (SM 4500-S2-D):

- Low recoveries were observed for sulfide in the MS/MSD for batch 382052; the parent sample was not a project sample, and the LCS was within limits.
- No other analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):

No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):

No analytical problems were encountered.

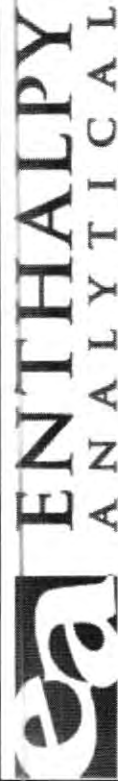
Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):

- Low recovery was observed for ammonia-N in the MSD for batch 382173; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.



RSK-175 CO2 (RSK-175):

McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.



Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Chain of Custody Record

Lab No:

54198

Page:

1 of 1

Turn Around Time (rush by advanced notice only)

Standard:

3 Day:

5 Day:

2 Day:

1 Day:

Custom TAT:

Matrix: A = Air S = Soil/Solid
W = Water DW = Drinking Water SD = Sediment
PP = Pure Product SEA = Sea Water
SW = Swab T = Tissue WP = Wipe O = Other

Sample Receipt Temp:

1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
4 = H₂SO₄ 5 = NaOH 6 = Other

(lab use only)

CUSTOMER INFORMATION				PROJECT INFORMATION				Analysis Request				Test Instructions / Comments			
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo	Matrix	Container No. / Size	Pres.	VOCs (EPA 8260B)	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO ₃	Ammonia-N, Nitrate-N	CD, Cl, SO ₄ , TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide
Report To:	Steve Cassulo	Number:	661-257-3655												
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:													
Address:	29201 Henry Mayo Drive	Address:													
	Castaic, CA, 91384														
Phone:	661-257-3655	Global ID:	L10003464243												
Fax:		Sampled By:	Paul Chang												
Sample ID		Sampling Date		Sampling Time		Matrix		Container No. / Size		Pres.					
1	DW-28	9/11/25	827	W	13	var.	X	X	X	X	X	X	X	X	X
2	DW-8	947					X	X	X	X	X	X	X	X	X
3	DW-9	1109					X	X	X	X	X	X	X	X	X
4	DW-29	1223					X	X	X	X	X	X	X	X	X
5	QC FB	1112			3		X	X	X	X	X	X	X	X	X
6	QC TB				2		X	X	X	X	X	X	X	X	X
7															
8															
9															
10															



Login 541918



Quarterly MPars

cc report to:
pchang@changenvironmental.com Basic
EDD & GeoTracker EDF

IR 13 4.814.3

0 EE 09/11/25

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 9/11/25 WO# 541918 Client: Chiquita Canyon Landfill

Section 2: Shipping / Custody

Are custody seals present? ☐ Yes ☒ No

Custody seals intact on arrival? ☒ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

Shipping Info: walk-in

Section 3a: Condition / Packaging

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 09/11/25 By (initials) JXZ

Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None

☒ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): / Thermometer/IR Gun: IR03 CF: +0.7

Cooler Temp (°C) #1: 11.7/11.0 #2: #3: #4: #5: #6:

Section 3b: Microbiology Samples

☒ No microbiology samples submitted (skip 3b)

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples

☒ No air samples submitted (skip 3c)

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other

Section 4: Containers / Labels / Samples

	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	X		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?		X	
13) Are VOA vials free from headspace/bubbles > 6mm?		X	

Section 5: Explanations / Comments

☐ PM notified

Date Logged 9/11/25 By (print) AKT

(sign) [Signature]

Date Labeled 9/11/25 By (print)

(sign) [Signature]

ENTHALPY

Date Received: 9/12/25

WO# 541918

Client: Waste Connections

Are custody seals present? ☐ Yes ☒ No

Custody seals intact on arrival? ☒ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

☒ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info:

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 9/12/25 By (initials) NIG Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR 13 CF: +0.0

Cooler Temp (°C) #1: 4.8 / 4.8 #2: / #3: / #4: / #5: / #6: /

☐ No microbiology samples submitted (skip 3b)☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

☐ No air samples submitted (skip 3c)☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

YES	NO	N/A
-----	----	-----

1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	X		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			X
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

(If no comments are made, then no discrepancies noted.)

[illegible]☐ No additional discrepancies

Date Logged 9/11/25 By (print) AXI (sign)

Date Labeled 9/11/25 By (print) EA-NH (sign)

Analysis Results for 541918

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 541918
Project No: GW MONITORING
Location: Chiquita Canyon Landfill
Date Received: 09/11/25

Sample ID: DW-28

Lab ID: 541918-001
Matrix: Water

Collected: 09/11/25 08:27

541918-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	1.2		mg/L	0.20	0.072	1	381785	09/12/25 12:05	09/12/25 16:18	KUM
Chloride	35		mg/L	1.0	0.27	1	381785	09/12/25 12:05	09/12/25 16:18	KUM
Bromide	0.17	J	mg/L	0.30	0.060	1	381785	09/12/25 12:05	09/12/25 16:18	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	381785	09/12/25 12:05	09/12/25 16:18	KUM
Sulfate	450		mg/L	10	2.5	10	381785	09/12/25 12:05	09/12/25 16:38	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	0.29		mg/L	0.10	0.050	1	382173	09/17/25	09/18/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	3.0	J	mg/L	4.0	2.0	1	382093	09/16/25	09/17/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	1.5		mg/L	0.050	0.0055	1	381848	09/13/25	09/13/25	KAM
Calcium	4.7		mg/L	1.0	0.57	1	381848	09/13/25	09/13/25	KAM
Iron	ND		mg/L	0.10	0.046	1	381848	09/13/25	09/13/25	KAM
Magnesium	0.82		mg/L	0.10	0.025	1	381848	09/13/25	09/13/25	KAM
Manganese	0.0046	J	mg/L	0.010	0.0029	1	381848	09/13/25	09/13/25	KAM
Potassium	0.78		mg/L	0.50	0.40	1	381848	09/13/25	09/13/25	KAM
Sodium	350		mg/L	0.60	0.35	1	381848	09/13/25	09/13/25	KAM
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Chloromethane	ND		ug/L	0.5	0.09	1	381856	09/13/25	09/13/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	381856	09/13/25	09/13/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.09	1	381856	09/13/25	09/13/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Surrogates										
				Limits						
Dibromofluoromethane	106%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
1,2-Dichloroethane-d4	104%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
Toluene-d8	97%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
Bromofluorobenzene	94%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST

Analysis Results for 541918

541918-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8270C-SIM										
Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.84	1	381839	09/13/25	09/16/25	ZFA
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	381839	09/13/25	09/16/25	ZFA
Method: SM 4500-S2-D										
Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382052	09/16/25	09/16/25	LVL
Method: SM 5310B										
Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	382083	09/16/25	09/16/25	ARM
Method: SM2320B										
Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	280		mg/L	5.0		2.5	381857	09/13/25	09/13/25	WWC
Alkalinity, Total as CaCO3	330		mg/L	5.0		2.5	381857	09/13/25	09/13/25	WWC
Method: SM2540C										
Prep Method: METHOD										
Total Dissolved Solids	1,100		mg/L	20		2	382088	09/16/25	09/17/25	RDL

Analysis Results for 541918

Sample ID: DW-8
Lab ID: 541918-002
Collected: 09/11/25 09:47
Matrix: Water

541918-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.27	J	mg/L	0.40	0.14	2	382618	09/23/25 08:30	09/23/25 13:06	KUM
Chloride	67		mg/L	1.0	0.27	1	381785	09/12/25 12:05	09/12/25 16:58	KUM
Bromide	0.18	J	mg/L	0.30	0.060	1	381785	09/12/25 12:05	09/12/25 16:58	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	381785	09/12/25 12:05	09/12/25 16:58	KUM
Sulfate	2,800		mg/L	50	12	50	381785	09/12/25 12:05	09/12/25 17:18	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	0.97		mg/L	0.10	0.050	1	382173	09/17/25	09/18/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	3.0	J	mg/L	4.0	2.0	1	382093	09/16/25	09/17/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	1.1		mg/L	0.050	0.0055	1	381848	09/13/25	09/13/25	KAM
Calcium	360		mg/L	1.0	0.57	1	381848	09/13/25	09/13/25	KAM
Iron	5.4		mg/L	0.10	0.046	1	381848	09/13/25	09/13/25	KAM
Magnesium	200		mg/L	0.10	0.025	1	381848	09/13/25	09/13/25	KAM
Manganese	0.069		mg/L	0.010	0.0029	1	381848	09/13/25	09/13/25	KAM
Potassium	6.5		mg/L	0.50	0.40	1	381848	09/13/25	09/13/25	KAM
Sodium	620		mg/L	0.60	0.35	1	381848	09/13/25	09/13/25	KAM
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Chloromethane	ND		ug/L	0.5	0.09	1	381856	09/13/25	09/13/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	381856	09/13/25	09/13/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.09	1	381856	09/13/25	09/13/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Surrogates										
Limits										
Dibromofluoromethane	107%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
1,2-Dichloroethane-d4	104%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
Toluene-d8	97%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
Bromofluorobenzene	99%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.84	1	381839	09/13/25	09/16/25	ZFA
Surrogates										
Limits										
1,4-Dioxane-d8 (SUR)	106%		%REC	80-120		1	381839	09/13/25	09/16/25	ZFA

Analysis Results for 541918

541918-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382052	09/16/25	09/16/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	382083	09/16/25	09/16/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO ₃	390		mg/L	10		5	381857	09/13/25	09/13/25	WWC
Alkalinity, Total as CaCO ₃	390		mg/L	10		5	381857	09/13/25	09/13/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	4,500		mg/L	40		4	382088	09/16/25	09/17/25	RDL

Analysis Results for 541918

Sample ID: DW-9
Lab ID: 541918-003
Collected: 09/11/25 11:09
Matrix: Water

541918-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	1.9		mg/L	0.20	0.072	1	381785	09/12/25 12:05	09/12/25 17:40	KUM
Chloride	79		mg/L	1.0	0.27	1	381785	09/12/25 12:05	09/12/25 17:40	KUM
Bromide	0.24	J	mg/L	0.30	0.060	1	381785	09/12/25 12:05	09/12/25 17:40	KUM
Nitrogen, Nitrate	2.2		mg/L	0.10	0.05	1	381785	09/12/25 12:05	09/12/25 17:40	KUM
Sulfate	680		mg/L	10	2.5	10	381785	09/12/25 12:05	09/12/25 18:00	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382173	09/17/25	09/18/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	382093	09/16/25	09/17/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.63		mg/L	0.050	0.0055	1	381848	09/13/25	09/13/25	KAM
Calcium	21		mg/L	1.0	0.57	1	381848	09/13/25	09/13/25	KAM
Iron	ND		mg/L	0.10	0.046	1	381848	09/13/25	09/13/25	KAM
Magnesium	2.2		mg/L	0.10	0.025	1	381848	09/13/25	09/13/25	KAM
Manganese	ND		mg/L	0.010	0.0029	1	381848	09/13/25	09/13/25	KAM
Potassium	1.3		mg/L	0.50	0.40	1	381848	09/13/25	09/13/25	KAM
Sodium	380		mg/L	0.60	0.35	1	381848	09/13/25	09/13/25	KAM
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Chloromethane	ND		ug/L	0.5	0.09	1	381856	09/13/25	09/13/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	381856	09/13/25	09/13/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.09	1	381856	09/13/25	09/13/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Surrogates										
				Limits						
Dibromofluoromethane	108%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
1,2-Dichloroethane-d4	104%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
Toluene-d8	99%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.84	1	381839	09/13/25	09/16/25	ZFA
Surrogates										
				Limits						
1,4-Dioxane-d8 (SUR)	107%		%REC	80-120		1	381839	09/13/25	09/16/25	ZFA

Analysis Results for 541918

541918-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382052	09/16/25	09/16/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	1.8		mg/L	1.0	0.68	1	382083	09/16/25	09/16/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO ₃	160		mg/L	5.0		2.5	381857	09/13/25	09/13/25	WWC
Alkalinity, Total as CaCO ₃	160		mg/L	5.0		2.5	381857	09/13/25	09/13/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,300		mg/L	20		2	382088	09/16/25	09/17/25	RDL

Analysis Results for 541918

Sample ID: DW-29
Lab ID: 541918-004
Collected: 09/11/25 12:23
Matrix: Water

541918-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.40		mg/L	0.20	0.072	1	381785	09/12/25 12:05	09/12/25 18:19	KUM
Chloride	87		mg/L	1.0	0.27	1	381785	09/12/25 12:05	09/12/25 18:19	KUM
Bromide	0.29	J	mg/L	0.30	0.060	1	381785	09/12/25 12:05	09/12/25 18:19	KUM
Nitrogen, Nitrate	2.4		mg/L	0.10	0.05	1	381785	09/12/25 12:05	09/12/25 18:19	KUM
Sulfate	320		mg/L	10	2.5	10	381785	09/12/25 12:05	09/12/25 18:39	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382173	09/17/25	09/18/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	10		mg/L	4.0	2.0	1	382093	09/16/25	09/17/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.35		mg/L	0.050	0.0055	1	381848	09/13/25	09/13/25	KAM
Calcium	64		mg/L	1.0	0.57	1	381848	09/13/25	09/13/25	KAM
Iron	ND		mg/L	0.10	0.046	1	381848	09/13/25	09/13/25	KAM
Magnesium	8.8		mg/L	0.10	0.025	1	381848	09/13/25	09/13/25	KAM
Manganese	0.073		mg/L	0.010	0.0029	1	381848	09/13/25	09/13/25	KAM
Potassium	1.4		mg/L	0.50	0.40	1	381848	09/13/25	09/13/25	KAM
Sodium	230		mg/L	0.60	0.35	1	381848	09/13/25	09/13/25	KAM
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Chloromethane	ND		ug/L	0.5	0.09	1	381856	09/13/25	09/13/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	381856	09/13/25	09/13/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.09	1	381856	09/13/25	09/13/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Surrogates										
Limits										
Dibromofluoromethane	108%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
1,2-Dichloroethane-d4	105%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
Toluene-d8	97%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
Bromofluorobenzene	94%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.84	1	381839	09/13/25	09/16/25	ZFA
Surrogates										
Limits										
1,4-Dioxane-d8 (SUR)	92%		%REC	80-120		1	381839	09/13/25	09/16/25	ZFA

Analysis Results for 541918

541918-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
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Method: SM 4500-S2-D
Prep Method: METHOD

Sulfide	ND		mg/L	0.10		1	382052	09/16/25	09/16/25	LVL
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Method: SM 5310B
Prep Method: SM 5310B

Total Organic Carbon	4.1		mg/L	1.0	0.68	1	382083	09/16/25	09/16/25	ARM
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Method: SM2320B
Prep Method: METHOD

Alkalinity, Bicarbonate, as CaCO ₃	260		mg/L	5.0		2.5	381857	09/13/25	09/13/25	WWC
Alkalinity, Total as CaCO ₃	260		mg/L	5.0		2.5	381857	09/13/25	09/13/25	WWC

Method: SM2540C
Prep Method: METHOD

Total Dissolved Solids	960		mg/L	20		2	382088	09/16/25	09/17/25	RDL
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Sample ID: QCFB

Lab ID: 541918-005

Collected: 09/11/25 11:12

Matrix: Water

541918-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
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Method: EPA 8260B
Prep Method: EPA 5030B

Freon 12	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Chloromethane	ND		ug/L	0.5	0.09	1	381856	09/13/25	09/13/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Methylene Chloride	0.9	J	ug/L	5.0	0.2	1	381856	09/13/25	09/13/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.09	1	381856	09/13/25	09/13/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST

Surrogates

Limits

Dibromofluoromethane	107%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
1,2-Dichloroethane-d4	104%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
Toluene-d8	98%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
Bromofluorobenzene	95%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST

Analysis Results for 541918

Sample ID: QCTB	Lab ID: 541918-006	Collected: 09/11/25
	Matrix: Water	

541918-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
Freon 12	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Chloromethane	ND		ug/L	0.5	0.09	1	381856	09/13/25	09/13/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Methylene Chloride	0.3	J	ug/L	5.0	0.2	1	381856	09/13/25	09/13/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.09	1	381856	09/13/25	09/13/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Surrogates				Limits						
Dibromofluoromethane	105%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
1,2-Dichloroethane-d4	101%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
Toluene-d8	97%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST

J Estimated value

ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1293173	Batch: 381785
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1293173 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.072	09/12/25 12:05	09/12/25 12:20
Chloride	ND		mg/L	1.0	0.27	09/12/25 12:05	09/12/25 12:20
Bromide	ND		mg/L	0.30	0.060	09/12/25 12:05	09/12/25 12:20
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	09/12/25 12:05	09/12/25 12:20
Sulfate	ND		mg/L	1.0	0.25	09/12/25 12:05	09/12/25 12:20

Type: Lab Control Sample	Lab ID: QC1293174	Batch: 381785
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1293174 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.396	10.00	mg/L	94%		90-110
Chloride	47.17	50.00	mg/L	94%		90-110
Bromide	14.68	15.00	mg/L	98%		90-110
Nitrogen, Nitrate	4.417	4.518	mg/L	98%		90-110
Sulfate	24.67	25.00	mg/L	99%		90-110

Type: Matrix Spike	Lab ID: QC1293175	Batch: 381785
Matrix (Source ID): Water (541995-001)	Method: EPA 300.0	Prep Method: METHOD

QC1293175 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	19.56	0.2311	20.00	mg/L	97%		80-129	1
Chloride	108.1	6.563	100.0	mg/L	102%		80-123	1
Bromide	14.76	ND	15.00	mg/L	98%		80-121	1
Nitrogen, Nitrate	10.04	1.114	9.036	mg/L	99%		80-123	1
Sulfate	56.81	7.078	50.00	mg/L	99%		79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1293176	Batch: 381785
Matrix (Source ID): Water (541995-001)	Method: EPA 300.0	Prep Method: METHOD

QC1293176 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	19.24	0.2311	20.00	mg/L	95%		80-129	2	21	1
Chloride	106.5	6.563	100.0	mg/L	100%		80-123	2	20	1
Bromide	14.52	ND	15.00	mg/L	97%		80-121	2	20	1
Nitrogen, Nitrate	9.904	1.114	9.036	mg/L	97%		80-123	1	20	1
Sulfate	56.03	7.078	50.00	mg/L	98%		79-124	1	20	1

Batch QC

Type: Matrix Spike	Lab ID: QC1293217	Batch: 381785
Matrix (Source ID): Water (542067-003)	Method: EPA 300.0	Prep Method: METHOD

QC1293217 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	19.53	0.2536	20.00	mg/L	96%		80-129	1
Chloride	303.5	228.0	100.0	mg/L	75%	E,NM	80-123	1
Bromide	15.84	1.192	15.00	mg/L	98%		80-121	1
Nitrogen, Nitrate	9.755	0.8118	9.036	mg/L	99%		80-123	1
Sulfate	125.5	79.58	50.00	mg/L	92%	E	79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1293218	Batch: 381785
Matrix (Source ID): Water (542067-003)	Method: EPA 300.0	Prep Method: METHOD

QC1293218 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	19.31	0.2536	20.00	mg/L	95%		80-129	1	21	1
Chloride	302.4	228.0	100.0	mg/L	74%	E,NM	80-123		20	1
Bromide	15.66	1.192	15.00	mg/L	96%		80-121	1	20	1
Nitrogen, Nitrate	9.643	0.8118	9.036	mg/L	98%		80-123	1	20	1
Sulfate	124.8	79.58	50.00	mg/L	91%	E	79-124		20	1

Type: Blank	Lab ID: QC1296062	Batch: 382618
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1296062 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.072	09/23/25 08:30	09/23/25 09:27

Type: Lab Control Sample	Lab ID: QC1296063	Batch: 382618
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1296063 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.225	10.00	mg/L	92%		90-110

Type: Matrix Spike	Lab ID: QC1296066	Batch: 382618
Matrix (Source ID): Water (542218-001)	Method: EPA 300.0	Prep Method: METHOD

QC1296066 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	22.39	0.3903	20.00	mg/L	110%		80-129	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1296067	Batch: 382618
Matrix (Source ID): Water (542218-001)	Method: EPA 300.0	Prep Method: METHOD

QC1296067 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	24.53	0.3903	20.00	mg/L	121%		80-129	9	21	1

Type: Matrix Spike	Lab ID: QC1296070	Batch: 382618
Matrix (Source ID): Water (542414-003)	Method: EPA 300.0	Prep Method: METHOD

QC1296070 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	19.14	ND	20.00	mg/L	96%		80-129	1

Type: Matrix Spike Duplicate	Lab ID: QC1296071	Batch: 382618
Matrix (Source ID): Water (542414-003)	Method: EPA 300.0	Prep Method: METHOD

QC1296071 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	19.57	ND	20.00	mg/L	98%		80-129	2	21	1

Type: Blank	Lab ID: QC1294501	Batch: 382173
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1294501 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	09/17/25	09/18/25

Type: Lab Control Sample	Lab ID: QC1294502	Batch: 382173
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1294502 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9946	1.000	mg/L	99%		90-110

Type: Matrix Spike	Lab ID: QC1294503	Batch: 382173
Matrix (Source ID): Water (541591-001)	Method: EPA 350.1	Prep Method: METHOD

QC1294503 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	3.488	2.466	1.000	mg/L	102%		90-110	5

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1294504	Batch: 382173
Matrix (Source ID): Water (541591-001)	Method: EPA 350.1	Prep Method: METHOD

QC1294504 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	3.302	2.466	1.000	mg/L	84%	*	90-110	5	20	5

Type: Matrix Spike	Lab ID: QC1294505	Batch: 382173
Matrix (Source ID): Water (541598-001)	Method: EPA 350.1	Prep Method: SM 4500-NH3-G SD

QC1294505 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9546	ND	1.000	mg/L	95%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1294506	Batch: 382173
Matrix (Source ID): Water (541598-001)	Method: EPA 350.1	Prep Method: SM 4500-NH3-G SD

QC1294506 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.079	ND	1.000	mg/L	108%		90-110	12	20	1

Type: Blank	Lab ID: QC1294233	Batch: 382093
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1294233 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	09/16/25	09/17/25

Type: Lab Control Sample	Lab ID: QC1294234	Batch: 382093
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1294234 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	105.0	100.0	mg/L	105%		90-110

Type: Matrix Spike	Lab ID: QC1294235	Batch: 382093
Matrix (Source ID): Water (541918-001)	Method: EPA 410.4	Prep Method: METHOD

QC1294235 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	104.0	3.000	100.0	mg/L	101%		75-125	2

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1294236	Batch: 382093
Matrix (Source ID): Water (541918-001)	Method: EPA 410.4	Prep Method: METHOD

QC1294236 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Chemical Oxygen Demand	100.0	3.000	100.0	mg/L	97%		75-125	4	20	2

Type: Matrix Spike	Lab ID: QC1294237	Batch: 382093
Matrix (Source ID): Water (542143-004)	Method: EPA 410.4	Prep Method: METHOD

QC1294237 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	100.0	ND	100.0	mg/L	100%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1294238	Batch: 382093
Matrix (Source ID): Water (542143-004)	Method: EPA 410.4	Prep Method: METHOD

QC1294238 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Chemical Oxygen Demand	96.00	ND	100.0	mg/L	96%		75-125	4	20	2

Type: Blank	Lab ID: QC1293385	Batch: 381848
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1293385 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	09/13/25	09/13/25
Calcium	ND		mg/L	0.57	0.57	09/13/25	09/13/25
Iron	ND		mg/L	0.046	0.046	09/13/25	09/13/25
Magnesium	ND		mg/L	0.10	0.025	09/13/25	09/13/25
Manganese	ND		mg/L	0.010	0.0029	09/13/25	09/13/25
Potassium	ND		mg/L	0.50	0.40	09/13/25	09/13/25
Sodium	ND		mg/L	0.50	0.35	09/13/25	09/13/25

Type: Lab Control Sample	Lab ID: QC1293386	Batch: 381848
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1293386 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.4007	0.4000	mg/L	100%		80-120
Calcium	19.30	20.40	mg/L	95%		80-120
Iron	0.3983	0.4000	mg/L	100%		80-120
Magnesium	19.89	20.40	mg/L	98%		80-120
Manganese	0.3931	0.4000	mg/L	98%		80-120
Potassium	23.14	24.00	mg/L	96%		80-120
Sodium	19.66	20.40	mg/L	96%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1293387	Batch: 381848
Matrix (Source ID): Water (541918-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1293387 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	1.863	1.469	0.4000	mg/L	98%		75-125	1
Calcium	23.04	4.744	20.40	mg/L	90%		75-125	1
Iron	0.3861	ND	0.4000	mg/L	97%		75-125	1
Magnesium	19.61	0.8246	20.40	mg/L	92%		75-125	1
Manganese	0.3755	0.004564	0.4000	mg/L	93%		75-125	1
Potassium	23.28	0.7769	24.00	mg/L	94%		75-125	1
Sodium	367.5	353.9	20.40	mg/L	67%	NM	75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1293388	Batch: 381848
Matrix (Source ID): Water (541918-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1293388 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	1.888	1.469	0.4000	mg/L	105%		75-125	1	20	1
Calcium	24.03	4.744	20.40	mg/L	95%		75-125	4	20	1
Iron	0.4091	ND	0.4000	mg/L	102%		75-125	6	22	1
Magnesium	20.53	0.8246	20.40	mg/L	97%		75-125	5	20	1
Manganese	0.3996	0.004564	0.4000	mg/L	99%		75-125	6	20	1
Potassium	24.58	0.7769	24.00	mg/L	99%		75-125	5	20	1
Sodium	368.9	353.9	20.40	mg/L	73%	NM	75-125	0	20	1

Type: Serial Dilution	Lab ID: QC1293389	Batch: 381848
Matrix (Source ID): Water (542097-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1293389 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	69.20	53.27	mg/L				50
Calcium	5,157	5142	mg/L				50
Iron	692.4	670.3	mg/L				50
Magnesium	650.7	645.1	mg/L				50
Manganese	30.02	29.57	mg/L				50
Potassium	1,268	1355	mg/L				50
Sodium	4,233	4330	mg/L				50

Batch QC

Type: Lab Control Sample	Lab ID: QC1293417	Batch: 381856
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1293417 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	50.60	50.00	ug/L	101%		69-128
MTBE	49.77	50.00	ug/L	100%		66-125
Benzene	53.61	50.00	ug/L	107%		76-121
Trichloroethene	52.39	50.00	ug/L	105%		76-124
Toluene	52.67	50.00	ug/L	105%		76-120
Chlorobenzene	51.53	50.00	ug/L	103%		78-120
Surrogates						
Dibromofluoromethane	52.09	50.00	ug/L	104%		70-130
1,2-Dichloroethane-d4	49.66	50.00	ug/L	99%		70-130
Toluene-d8	49.23	50.00	ug/L	98%		70-130
Bromofluorobenzene	48.09	50.00	ug/L	96%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1293418	Batch: 381856
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1293418 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	54.02	50.00	ug/L	108%		69-128	7	23
MTBE	51.95	50.00	ug/L	104%		66-125	4	22
Benzene	57.34	50.00	ug/L	115%		76-121	7	21
Trichloroethene	55.65	50.00	ug/L	111%		76-124	6	22
Toluene	55.96	50.00	ug/L	112%		76-120	6	21
Chlorobenzene	55.21	50.00	ug/L	110%		78-120	7	20
Surrogates								
Dibromofluoromethane	50.16	50.00	ug/L	100%		70-130		
1,2-Dichloroethane-d4	49.16	50.00	ug/L	98%		70-130		
Toluene-d8	48.22	50.00	ug/L	96%		70-130		
Bromofluorobenzene	48.54	50.00	ug/L	97%		70-130		

Batch QC

Type: Blank	Lab ID: QC1293422	Batch: 381856
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1293422 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/L	0.5	0.2	09/13/25	09/13/25
Chloromethane	ND		ug/L	0.5	0.09	09/13/25	09/13/25
Vinyl Chloride	ND		ug/L	0.5	0.1	09/13/25	09/13/25
1,1-Dichloroethene	ND		ug/L	0.5	0.1	09/13/25	09/13/25
Methylene Chloride	ND		ug/L	5.0	0.2	09/13/25	09/13/25
1,1-Dichloroethane	ND		ug/L	0.5	0.09	09/13/25	09/13/25
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	09/13/25	09/13/25
1,2-Dichloroethane	ND		ug/L	0.5	0.2	09/13/25	09/13/25
Benzene	ND		ug/L	0.5	0.1	09/13/25	09/13/25
Trichloroethene	ND		ug/L	0.5	0.1	09/13/25	09/13/25
Tetrachloroethene	ND		ug/L	0.5	0.2	09/13/25	09/13/25
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	09/13/25	09/13/25
Surrogates				Limits			
Dibromofluoromethane	105%		%REC	70-130		09/13/25	09/13/25
1,2-Dichloroethane-d4	103%		%REC	70-130		09/13/25	09/13/25
Toluene-d8	100%		%REC	70-130		09/13/25	09/13/25
Bromofluorobenzene	99%		%REC	70-130		09/13/25	09/13/25

Type: Matrix Spike	Lab ID: QC1293430	Batch: 381856
Matrix (Source ID): Water (541918-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1293430 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	21.08	ND	20.00	ug/L	105%		62-131	1
MTBE	19.15	ND	20.00	ug/L	96%		61-124	1
Benzene	21.39	ND	20.00	ug/L	107%		70-123	1
Trichloroethene	20.81	ND	20.00	ug/L	104%		65-131	1
Toluene	20.07	ND	20.00	ug/L	100%		69-120	1
Chlorobenzene	20.39	ND	20.00	ug/L	102%		72-121	1
Surrogates								
Dibromofluoromethane	53.28		50.00	ug/L	107%		70-130	1
1,2-Dichloroethane-d4	50.51		50.00	ug/L	101%		70-130	1
Toluene-d8	48.62		50.00	ug/L	97%		70-130	1
Bromofluorobenzene	48.04		50.00	ug/L	96%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1293431	Batch: 381856
Matrix (Source ID): Water (541918-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1293431 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	22.98	ND	20.00	ug/L	115%		62-131	9	31	1
MTBE	20.64	ND	20.00	ug/L	103%		61-124	7	30	1
Benzene	22.92	ND	20.00	ug/L	115%		70-123	7	31	1
Trichloroethene	21.83	ND	20.00	ug/L	109%		65-131	5	31	1
Toluene	21.87	ND	20.00	ug/L	109%		69-120	9	29	1
Chlorobenzene	22.32	ND	20.00	ug/L	112%		72-121	9	29	1
Surrogates										
Dibromofluoromethane	52.01		50.00	ug/L	104%		70-130			1
1,2-Dichloroethane-d4	52.24		50.00	ug/L	104%		70-130			1
Toluene-d8	48.61		50.00	ug/L	97%		70-130			1
Bromofluorobenzene	47.54		50.00	ug/L	95%		70-130			1

Type: Blank	Lab ID: QC1293344	Batch: 381839
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1293344 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.84	09/13/25	09/15/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	95%		%REC	80-120		09/13/25	09/15/25

Type: Lab Control Sample	Lab ID: QC1293345	Batch: 381839
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1293345 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	10.02	10.00	ug/L	100%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.06	10.00	ug/L	101%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1293346	Batch: 381839
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1293346 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	11.87	10.00	ug/L	119%		79-120	17	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.78	10.00	ug/L	108%		80-120		

Type: Blank	Lab ID: QC1294093	Batch: 382052
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1294093 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		09/16/25	09/16/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1294094	Batch: 382052
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1294094 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1294097	Batch: 382052
Matrix (Source ID): Drinking Water (542149-003)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1294097 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.6000	ND	1.000	mg/L	60%	*	80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1294098	Batch: 382052
Matrix (Source ID): Drinking Water (542149-003)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1294098 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.6000	ND	1.000	mg/L	60%	*	80-120	0	20	1

Type: Blank	Lab ID: QC1294197	Batch: 382083
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1294197 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.68	09/16/25	09/16/25

Type: Lab Control Sample	Lab ID: QC1294198	Batch: 382083
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1294198 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	22.11	25.00	mg/L	88%		85-115

Type: Matrix Spike	Lab ID: QC1294199	Batch: 382083
Matrix (Source ID): Water (541995-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1294199 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	28.18	0.8569	25.00	mg/L	109%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1294200	Batch: 382083
Matrix (Source ID): Water (541995-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1294200 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	26.91	0.8569	25.00	mg/L	104%		75-125	5	25	1

Batch QC

Type: Blank	Lab ID: QC1293423	Batch: 381857
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1293423 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		09/13/25	09/13/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		09/13/25	09/13/25

Type: Lab Control Sample	Lab ID: QC1293424	Batch: 381857
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1293424 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	991.5	1000	mg/L	99%		90-110

Type: Sample Duplicate	Lab ID: QC1293425	Batch: 381857
Matrix (Source ID): Water (541918-004)	Method: SM2320B	Prep Method: METHOD

QC1293425 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	252.7	255.1	mg/L		1	20	2.5
Alkalinity, Total as CaCO ₃	252.7	255.1	mg/L		1	20	2.5

Type: Blank	Lab ID: QC1294227	Batch: 382088
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1294227 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	5.0		09/16/25	09/17/25

Type: Lab Control Sample	Lab ID: QC1294228	Batch: 382088
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1294228 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,020	1000	mg/L	102%		90-110

Type: Sample Duplicate	Lab ID: QC1294229	Batch: 382088
Matrix (Source ID): Water (541918-001)	Method: SM2540C	Prep Method: METHOD

QC1294229 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	1,120	1112	mg/L		1	5	2

Type: Sample Duplicate	Lab ID: QC1294230	Batch: 382088
Matrix (Source ID): Water (542095-002)	Method: SM2540C	Prep Method: METHOD

QC1294230 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	240.0	248.0	mg/L		3	5	2

Batch QC

* Value is outside QC limits
E Response exceeds instrument's linear range
ND Not Detected
NM Not Meaningful

Laboratory Job Number 541918

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2509954

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-541918

Project Location:

Project Received: 09/12/2025

Analytical Report reviewed & approved for release on 09/19/2025 by:

Ana Venegas
Project Manager

McC Campbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.





Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical**WorkOrder:** 2509954**Project:** EO-541918

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit ¹
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit ²
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

¹ MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

² RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.



Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2509954

Project: EO-541918

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	"Too Numerous to Count," greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Analytical Report

Client: Enthalpy Analytical
Date Received: 09/12/2025 10:28
Date Prepared: 09/17/2025
Project: EO-541918

WorkOrder: 2509954
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-28	2509954-001A	Water	09/11/2025 08:27	GC26 0917251004.D	326041

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	1200	50	50	1	09/17/2025 11:45

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-8	2509954-002A	Water	09/11/2025 09:47	GC26 0917251005.D	326041

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	33,000	2000	2000	40	09/17/2025 13:07

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-9	2509954-003A	Water	09/11/2025 11:09	GC26 0917251006.D	326041

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	930	50	50	1	09/17/2025 13:21

Analyst(s): CLO

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 09/12/2025 10:28
Date Prepared: 09/17/2025
Project: EO-541918

WorkOrder: 2509954
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-29	2509954-004A	Water	09/11/2025 12:23	GC26 0917251007.D	326041

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	10,000	500	500	10	09/17/2025 13:54

Analyst(s): CLO



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 09/17/2025
Date Analyzed: 09/17/2025
Instrument: GC26
Matrix: Water
Project: EO-541918

WorkOrder: 2509954
BatchID: 326041
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-326041

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	140	140	187.2	73	73	70-130	0.310	30

McCampbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

☐ WaterTrax ☐ CLIP ☐ EDF

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2509954

ClientCode: ENO

QuoteID: 252619

☐ EQuIS ☐ Dry-Weight ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag
☐ Detection Summary ☒ Excel [A1_Standard_QC]

Report to:

Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 079649
Project: EO-541918

Bill to:

Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT:

5 days;

Date Received: 09/12/2025

Date Logged: 09/12/2025

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2509954-001	DW-28	Water	9/11/2025 08:27	☐	A	A										
2509954-002	DW-8	Water	9/11/2025 09:47	☐	A	A										
2509954-003	DW-9	Water	9/11/2025 11:09	☐	A	A										
2509954-004	DW-29	Water	9/11/2025 12:23	☐	A	A										

Test Legend:

1	PRDisposal Fee
5	
9	

2	RSK175_CO2_W
6	
10	

3	
7	
11	

4	
8	
12	

Prepared by: Chyna Thomas

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL

Project: EO-541918

Work Order: 2509954

Client Contact: Zach Barker

QC Level: LEVEL 2

Contact's Email: zach.barker@enthalpy.com

Comments:

Date Logged: 9/12/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☒ Excel ☐ EQUIS ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-28	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/11/2025 8:27	5 days	9/19/2025	None	☐	☐
002A	DW-8	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/11/2025 9:47	5 days	9/19/2025	None	☐	☐
003A	DW-9	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/11/2025 11:09	5 days	9/19/2025	None	☐	☐
004A	DW-29	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/11/2025 12:23	5 days	9/19/2025	None	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U** = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.

Subcontract Laboratory:

McC Campbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-541918

PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT

Report Level: II

Report To: MDL

EDDs: Standard Excel

EDD

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-28	11-SEP-2025 08:27	541918-001	3	Water	RSK-175 CO2	
DW-8	11-SEP-2025 09:47	541918-002	3	Water	RSK-175 CO2	
DW-9	11-SEP-2025 11:09	541918-003	3	Water	RSK-175 CO2	
DW-29	11-SEP-2025 12:23	541918-004	3	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	Alice Tahmasian	GLS
	Date: 9/11/25	Date:
	Date:	Date:
	Date:	Date:
	Date: <i>[Signature]</i>	Date: 9/12/25 1028

1.5 wet 1239



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-541918

Date and Time Received: 9/12/2025 10:28

Date Logged: 9/12/2025

Received by: Chyna Thomas

Logged by: Chyna Thomas

WorkOrder No: 2509954 Matrix: Water
Carrier: Golden State Overnight

Chain of Custody (COC) Information

Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Sample IDs noted by Client on COC?	Yes ☒	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☒	No ☐	
Sampler's name noted on COC?	Yes ☒	No ☐	
COC agrees with Quote?	Yes ☐	No ☐	NA ☒
COC quote NOT expired?	Yes ☐	No ☐	NA ☒

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	NA ☒
Shipping container/cooler in good condition?	Yes ☒	No ☐	
Samples in proper containers/bottles?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☒	No ☐	NA ☐
Samples Received on Ice?	Yes ☒	No ☐	

(Ice Type: WET ICE)

Sample/Temp Blank temperature	Temp: 1.5°C	NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☒ No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☒ No ☐	
pH acceptable upon receipt (Metal: <2)?	Yes ☐ No ☐	NA ☒

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐ No ☐	NA ☒
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes ☐ No ☐	NA ☒

Comments:



Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 542143
Report Level : II
Report Date : 09/30/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill

Authorized for release by:

Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197



Sample Summary

Steve Cassulo	Lab Job #:	542143
Waste Connections	Project No:	GW MONITORING
Chiquita Canyon Landfill	Location:	Chiquita Canyon Landfill
29201 Henry Mayo	Date Received:	09/15/25
Drive		
Castaic, CA 91384		

Sample ID	Lab ID	Collected	Matrix
DW-17	542143-001	09/15/25 08:27	Water
DW-14	542143-002	09/15/25 09:47	Water
PZ-4	542143-003	09/15/25 11:08	Water
DW-30	542143-004	09/15/25 12:34	Water
QCFB	542143-005	09/15/25 12:36	Water
QCTB	542143-006	09/15/25 00:00	Water

Case Narrative

Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384
Steve Cassulo

Lab Job Number: 542143
Project No: GW MONITORING
Location: Chiquita Canyon
Landfill
Date Received: 09/15/25

This data package contains sample and QC results for six water samples, requested for the above referenced project on 09/16/25. The samples were received in good condition.

Volatile Organics by GC/MS (EPA 8260B):

No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):

No analytical problems were encountered.

Metals (EPA 6010B):

- Low recovery was observed for manganese in the MSD for batch 382094; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- Iron was detected above the RL in the method blank for batch 382114; this analyte was not detected in the sample at or above the RL.
- No other analytical problems were encountered.

Ion Chromatography (EPA 300.0):

- Low recoveries were observed for bromide and chloride in the MS/MSD for batch 382054; the parent sample was not a project sample, and the LCS was within limits.
- Responses exceeding the instrument's linear range were observed for chloride in the MS/MSD for batch 382054 and the MS/MSD of DW-14 (lab # 542143-002); affected data was qualified with "E".
- Nitrogen, nitrate was analyzed outside of hold time; affected data was qualified with "H".
- No other analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):

No analytical problems were encountered.

Alkalinity (SM2320B):

No analytical problems were encountered.

Sulfide (SM 4500-S2-D):

No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):

No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):

No analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):

- Low recovery was observed for ammonia-N in the MSD for batch 382173; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

RSK-175 CO2 (RSK-175):

McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.



Login 542143



Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Chain of Custody Record

Lab No:

542143

Page:

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Turn Around Time (rush by advanced notice only)

Standard:

3 Day:

2 Day:

5 Day:

1 Day:

Custom TAT:

Matrix: A = Air S = Soil/Solid

W = Water DW = Drinking Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

Sample Receipt Temp:

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃4 = H₂SO₄ 5 = NaOH 6 = Other

(lab use only)

CUSTOMER INFORMATION				PROJECT INFORMATION				Analysis Request										Test Instructions / Comments	
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo	Matrix	Container No. / Size	Pres.		VOCs (EPA 8260B)	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO ₃	Ammonia-N, Nitrate-N	COD, Cl, SO ₄ , TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide	Quarterly MPars cc report to: pchang@changenvironmental.com Basic EDD & GeoTracker EDF		
Report To:	Steve Cassulo	Number:	661-257-3655																
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:																	
Address:	29201 Henry Mayo Drive	Address:																	
	Castaic, CA, 91384																		
Phone:	661-257-3655	Global ID:	L10003464243																
Fax:		Sampled By:	Paul Chang																
Sample ID		Sampling Date		Sampling Time															
1	DW-17	9/14/25	827	13	var.			X	X	X	X	X	X	X	X	X			
2	DW-14		947					X	X	X	X	X	X	X	X	X			
3	PZ-4		1108					X	X	X	X	X	X	X	X	X			
4	DW-30		1234					X	X	X	X	X	X	X	X	X			
5	QC FB		1236					X	X	X	X	X	X	X	X	X			
6	QC TB							X	X	X	X	X	X	X	X	X			
7																			
8																			
9																			
10																			
Signature		Print Name		Company / Title		Date / Time													
1 Relinquished By:		Paul Chang		CEI		9/15/25													
1 Received By:		John Zachman		Enthalpy		09/15/25 1355													
2 Relinquished By:		John Zachman		Enthalpy		09/16/25 0805													
2 Received By:		Gemma O		ENH		9.16.25 8:05													
3 Relinquished By:		Gemma O		ENH		9.16.25 11:38													
3 Received By:		Dennis		EA		9.16.25 11:38													

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 9.15.25 WO# 542143 Client: WASTE CONNECTION

Section 2: Shipping / Custody

Are custody seals present? ☐ Yes ☒ No

Custody seals intact on arrival? ☒ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

Shipping Info: Walk in or Pickup

Section 3a: Condition / Packaging

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened _____ By (initials) JWL

Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR03 CF: -0.7C

Cooler Temp (°C) #1: 19.7 / 19.0 #2: _____ / _____ #3: _____ / _____ #4: _____ / _____ #5: _____ / _____ #6: _____ / _____

Section 3b: Microbiology Samples

☒ No microbiology samples submitted (skip 3b)

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples

☒ No air samples submitted (skip 3c)

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples

	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	X		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?	X		
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

Section 5: Explanations / Comments

☐ PM notified

Date Logged 9.15.25 By (print) JWL (sign) [Signature]
 Date Labeled 9.15.25 By (print) JWL (sign) [Signature]

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 16-SEP-2025 WO# 542143 Client: Chiquita Canyon Landfill

Section 2: Shipping / Custody

Are custody seals present? ☐ Yes ☒ No

Custody seals intact on arrival? ☒ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

☒ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 16-SEP-2025 By (initials) DEP

Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR13 CF: 0

Cooler Temp (°C) #1: 5.8 / 5.8 #2: _____ / _____ #3: _____ / _____ #4: _____ / _____ #5: _____ / _____ #6: _____ / _____

Section 3b: Microbiology Samples

☒ No microbiology samples submitted (skip 3b)

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples

☒ No air samples submitted (skip 3c)

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples

	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	x		
2) Is the sampler's name present on the CoC?	x		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	x		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	x		
5) Were all of, and only, the correct samples received?	x		
6) Are sample labels present, legible, and in agreement with the CoC?	x		
7) Does the container count match the CoC?	x*		
8) Was sufficient sample volume / mass received for the analyses requested?	x		
9) Were samples received in proper containers for the analyses requested?	x		
10) Were samples received with > 1/2 holding time remaining?	x		
11) Are samples properly preserved as indicated by CoC / labels?	x		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			x
13) Are VOA vials free from headspace/bubbles > 6mm?			x

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

*RSK subcontracted by Los Angeles service center

☒ No additional discrepancies

Date Logged 15-SEP-2025 By (print) Los Angeles

(sign) for LA

Date Labeled 15-SEP-2025 By (print) Los Angeles

(sign) for LA

Analysis Results for 542143

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 542143
Project No: GW MONITORING
Location: Chiquita Canyon Landfill
Date Received: 09/15/25

Sample ID: DW-17

Lab ID: 542143-001

Collected: 09/15/25 08:27

Matrix: Water

542143-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	ND		mg/L	0.20	0.073	1	382054	09/16/25 14:22	09/17/25 09:23	AJL
Chloride	150		mg/L	1.0	0.27	1	382054	09/16/25 14:22	09/17/25 09:23	AJL
Bromide	0.24	J	mg/L	0.30	0.060	1	382054	09/16/25 14:22	09/17/25 09:23	AJL
Nitrogen, Nitrate	0.92	H	mg/L	0.10	0.05	1	382054	09/16/25 14:22	09/17/25 09:23	AJL
Sulfate	180		mg/L	10	1.8	10	382054	09/16/25 14:22	09/17/25 09:39	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382173	09/17/25	09/18/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	2.0	J	mg/L	4.0	2.0	1	382093	09/16/25	09/17/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.073		mg/L	0.050	0.0062	1	382094	09/16/25	09/17/25	TWJ
Calcium	4.4		mg/L	1.0	0.57	1	382094	09/16/25	09/17/25	TWJ
Iron	ND		mg/L	0.10	0.041	1	382094	09/16/25	09/17/25	TWJ
Magnesium	0.12		mg/L	0.10	0.025	1	382094	09/16/25	09/17/25	TWJ
Manganese	ND		mg/L	0.010	0.0029	1	382094	09/16/25	09/17/25	TWJ
Potassium	0.63		mg/L	0.50	0.42	1	382094	09/16/25	09/17/25	TWJ
Sodium	200		mg/L	0.50	0.34	1	382094	09/16/25	09/17/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
Chloromethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.4	1	382134	09/17/25	09/17/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.09	1	382134	09/17/25	09/17/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Surrogates										
				Limits						
Dibromofluoromethane	106%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
1,2-Dichloroethane-d4	108%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
Toluene-d8	96%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
Bromofluorobenzene	96%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST

Analysis Results for 542143

542143-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8270C-SIM										
Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	382258	09/18/25	09/19/25	ZFA
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	102%		%REC	80-120		1	382258	09/18/25	09/19/25	ZFA
Method: SM 4500-S2-D										
Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382198	09/17/25	09/17/25	LVL
Method: SM 5310B										
Prep Method: SM 5310B										
Total Organic Carbon	0.84	J	mg/L	1.0	0.49	1	382325	09/18/25	09/18/25	ARM
Method: SM2320B										
Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	130		mg/L	5.0		2.5	382144	09/17/25	09/17/25	WWC
Alkalinity, Total as CaCO3	130		mg/L	5.0		2.5	382144	09/17/25	09/17/25	WWC
Method: SM2540C										
Prep Method: METHOD										
Total Dissolved Solids	660		mg/L	20		2	382092	09/16/25	09/17/25	AAB

Analysis Results for 542143

Sample ID: DW-14
Lab ID: 542143-002
Collected: 09/15/25 09:47
Matrix: Water

542143-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.41		mg/L	0.20	0.073	1	382054	09/16/25 14:22	09/16/25 15:06	AJL
Chloride	93		mg/L	1.0	0.27	1	382054	09/16/25 14:22	09/16/25 15:06	AJL
Bromide	0.088	J	mg/L	0.30	0.060	1	382054	09/16/25 14:22	09/16/25 15:06	AJL
Nitrogen, Nitrate	0.29		mg/L	0.10	0.05	1	382054	09/16/25 14:22	09/16/25 15:06	AJL
Sulfate	29		mg/L	1.0	0.18	1	382054	09/16/25 14:22	09/16/25 15:06	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382173	09/17/25	09/18/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	382093	09/16/25	09/17/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.10		mg/L	0.050	0.0062	1	382094	09/16/25	09/17/25	TWJ
Calcium	2.4		mg/L	1.0	0.57	1	382094	09/16/25	09/17/25	TWJ
Iron	0.22		mg/L	0.10	0.041	1	382094	09/16/25	09/17/25	TWJ
Magnesium	0.18		mg/L	0.10	0.025	1	382094	09/16/25	09/17/25	TWJ
Manganese	ND		mg/L	0.010	0.0029	1	382094	09/16/25	09/17/25	TWJ
Potassium	0.53		mg/L	0.50	0.42	1	382094	09/16/25	09/17/25	TWJ
Sodium	140		mg/L	0.50	0.34	1	382094	09/16/25	09/17/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
Chloromethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.4	1	382134	09/17/25	09/17/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.09	1	382134	09/17/25	09/17/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Surrogates										
Limits										
Dibromofluoromethane	107%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
1,2-Dichloroethane-d4	106%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
Toluene-d8	98%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
Bromofluorobenzene	96%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	382258	09/18/25	09/19/25	ZFA
Surrogates										
Limits										
1,4-Dioxane-d8 (SUR)	98%		%REC	80-120		1	382258	09/18/25	09/19/25	ZFA

Analysis Results for 542143

542143-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382198	09/17/25	09/17/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	0.60	J	mg/L	1.0	0.49	1	382325	09/18/25	09/18/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO ₃	120		mg/L	5.0		2.5	382144	09/17/25	09/17/25	WWC
Alkalinity, Total as CaCO ₃	180		mg/L	5.0		2.5	382144	09/17/25	09/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	420		mg/L	20		2	382092	09/16/25	09/17/25	AAB

Analysis Results for 542143

Sample ID: PZ-4
Lab ID: 542143-003
Collected: 09/15/25 11:08
Matrix: Water

542143-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.56		mg/L	0.20	0.073	1	382054	09/16/25 14:22	09/16/25 18:12	AJL
Chloride	57		mg/L	1.0	0.27	1	382054	09/16/25 14:22	09/16/25 18:12	AJL
Bromide	0.11	J	mg/L	0.30	0.060	1	382054	09/16/25 14:22	09/16/25 18:12	AJL
Nitrogen, Nitrate	1.1		mg/L	0.10	0.05	1	382054	09/16/25 14:22	09/16/25 18:12	AJL
Sulfate	130		mg/L	10	1.8	10	382054	09/16/25 14:22	09/16/25 18:29	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382173	09/17/25	09/18/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	12		mg/L	4.0	2.0	1	382093	09/16/25	09/17/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.35		mg/L	0.050	0.0055	1	382114	09/17/25	09/17/25	TWJ
Calcium	54		mg/L	1.0	0.57	1	382114	09/17/25	09/17/25	TWJ
Iron	ND		mg/L	0.10	0.046	1	382114	09/17/25	09/17/25	TWJ
Magnesium	11		mg/L	0.10	0.025	1	382114	09/17/25	09/17/25	TWJ
Manganese	ND		mg/L	0.010	0.0029	1	382114	09/17/25	09/17/25	TWJ
Potassium	2.5		mg/L	0.50	0.40	1	382114	09/17/25	09/17/25	TWJ
Sodium	190		mg/L	0.60	0.35	1	382114	09/17/25	09/17/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	0.4	J	ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
Chloromethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.4	1	382134	09/17/25	09/17/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.09	1	382134	09/17/25	09/17/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Surrogates										
Limits										
Dibromofluoromethane	108%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
1,2-Dichloroethane-d4	108%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
Toluene-d8	98%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
Bromofluorobenzene	96%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	382258	09/18/25	09/19/25	ZFA
Surrogates										
Limits										
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	382258	09/18/25	09/19/25	ZFA

Analysis Results for 542143

542143-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382198	09/17/25	09/17/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	3.7		mg/L	1.0	0.49	1	382325	09/18/25	09/18/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO ₃	370		mg/L	5.0		2.5	382144	09/17/25	09/17/25	WWC
Alkalinity, Total as CaCO ₃	370		mg/L	5.0		2.5	382144	09/17/25	09/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	720		mg/L	20		2	382092	09/16/25	09/17/25	AAB

Analysis Results for 542143

Sample ID: DW-30
Lab ID: 542143-004
Collected: 09/15/25 12:34
Matrix: Water

542143-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.91		mg/L	0.20	0.073	1	382054	09/16/25 14:22	09/16/25 18:46	AJL
Chloride	57		mg/L	1.0	0.27	1	382054	09/16/25 14:22	09/16/25 18:46	AJL
Bromide	0.11	J	mg/L	0.30	0.060	1	382054	09/16/25 14:22	09/16/25 18:46	AJL
Nitrogen, Nitrate	0.22		mg/L	0.10	0.05	1	382054	09/16/25 14:22	09/16/25 18:46	AJL
Sulfate	310		mg/L	10	1.8	10	382054	09/16/25 14:22	09/16/25 19:02	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382173	09/17/25	09/18/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	382093	09/16/25	09/17/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.22		mg/L	0.050	0.0055	1	382114	09/17/25	09/17/25	TWJ
Calcium	38		mg/L	1.0	0.57	1	382114	09/17/25	09/17/25	TWJ
Iron	0.31		mg/L	0.10	0.046	1	382371	09/19/25	09/19/25	SBW
Magnesium	6.1		mg/L	0.10	0.025	1	382114	09/17/25	09/17/25	TWJ
Manganese	0.034		mg/L	0.010	0.0029	1	382114	09/17/25	09/17/25	TWJ
Potassium	1.7		mg/L	0.50	0.40	1	382114	09/17/25	09/17/25	TWJ
Sodium	190		mg/L	0.60	0.35	1	382114	09/17/25	09/17/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
Chloromethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.4	1	382134	09/17/25	09/17/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Tetrachloroethene	0.5	J	ug/L	0.5	0.09	1	382134	09/17/25	09/17/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Surrogates										
Limits										
Dibromofluoromethane	108%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
1,2-Dichloroethane-d4	107%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
Toluene-d8	97%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
Bromofluorobenzene	94%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	382258	09/18/25	09/19/25	ZFA
Surrogates										
Limits										
1,4-Dioxane-d8 (SUR)	98%		%REC	80-120		1	382258	09/18/25	09/19/25	ZFA

Analysis Results for 542143

542143-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382198	09/17/25	09/17/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	1.0		mg/L	1.0	0.49	1	382325	09/18/25	09/18/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO ₃	170		mg/L	5.0		2.5	382144	09/17/25	09/17/25	WWC
Alkalinity, Total as CaCO ₃	170		mg/L	5.0		2.5	382144	09/17/25	09/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	800		mg/L	20		2	382092	09/16/25	09/17/25	AAB

Sample ID: QCFB

Lab ID: 542143-005

Collected: 09/15/25 12:36

Matrix: Water

542143-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
Chloromethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
Methylene Chloride	0.8	J	ug/L	5.0	0.4	1	382134	09/17/25	09/17/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.09	1	382134	09/17/25	09/17/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Surrogates			Limits							
Dibromofluoromethane	110%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
1,2-Dichloroethane-d4	108%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
Toluene-d8	98%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST

Analysis Results for 542143

Sample ID: QCTB	Lab ID: 542143-006	Collected: 09/15/25
	Matrix: Water	

542143-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
Freon 12	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
Chloromethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
Methylene Chloride	0.8	J	ug/L	5.0	0.4	1	382134	09/17/25	09/17/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.09	1	382134	09/17/25	09/17/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Surrogates				Limits						
Dibromofluoromethane	113%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
1,2-Dichloroethane-d4	108%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
Toluene-d8	95%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
Bromofluorobenzene	95%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST

H Holding time was exceeded
J Estimated value
ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1294103	Batch: 382054
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1294103 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	09/16/25 14:22	09/16/25 14:33
Chloride	ND		mg/L	1.0	0.27	09/16/25 14:22	09/16/25 14:33
Bromide	ND		mg/L	0.30	0.060	09/16/25 14:22	09/16/25 14:33
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	09/16/25 14:22	09/16/25 14:33
Sulfate	ND		mg/L	1.0	0.18	09/16/25 14:22	09/16/25 14:33

Type: Lab Control Sample	Lab ID: QC1294104	Batch: 382054
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1294104 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.601	10.00	mg/L	96%		90-110
Chloride	45.25	50.00	mg/L	91%		90-110
Bromide	13.77	15.00	mg/L	92%		90-110
Nitrogen, Nitrate	4.312	4.518	mg/L	95%		90-110
Sulfate	24.44	25.00	mg/L	98%		90-110

Type: Matrix Spike	Lab ID: QC1294105	Batch: 382054
Matrix (Source ID): Water (542143-002)	Method: EPA 300.0	Prep Method: METHOD

QC1294105 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	24.63	0.4141	20.00	mg/L	121%		80-129	1
Chloride	207.2	92.96	100.0	mg/L	114%	E	80-123	1
Bromide	16.48	0.08752	15.00	mg/L	109%		80-121	1
Nitrogen, Nitrate	10.98	0.2946	9.036	mg/L	118%		80-123	1
Sulfate	88.11	28.87	50.00	mg/L	118%		79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1294106	Batch: 382054
Matrix (Source ID): Water (542143-002)	Method: EPA 300.0	Prep Method: METHOD

QC1294106 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	25.27	0.4141	20.00	mg/L	124%		80-129	3	21	1
Chloride	210.2	92.96	100.0	mg/L	117%	E	80-123		20	1
Bromide	16.90	0.08752	15.00	mg/L	112%		80-121	3	20	1
Nitrogen, Nitrate	11.23	0.2946	9.036	mg/L	121%		80-123	2	20	1
Sulfate	89.60	28.87	50.00	mg/L	121%		79-124	2	20	1

Batch QC

Type: Matrix Spike	Lab ID: QC1294109	Batch: 382054
Matrix (Source ID): Water (542088-001)	Method: EPA 300.0	Prep Method: METHOD

QC1294109 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	20.19	1.031	20.00	mg/L	96%		80-129	1
Chloride	296.5	222.3	100.0	mg/L	74%	E,*	80-123	1
Bromide	13.42	1.692	15.00	mg/L	78%	*	80-121	1
Nitrogen, Nitrate	14.78	7.074	9.036	mg/L	85%		80-123	1
Sulfate	880.4	891.2	50.00	mg/L	-21%	E,NM	79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1294110	Batch: 382054
Matrix (Source ID): Water (542088-001)	Method: EPA 300.0	Prep Method: METHOD

QC1294110 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	20.74	1.031	20.00	mg/L	99%		80-129	3	21	1
Chloride	298.5	222.3	100.0	mg/L	76%	E,*	80-123		20	1
Bromide	13.74	1.692	15.00	mg/L	80%		80-121	2	20	1
Nitrogen, Nitrate	14.99	7.074	9.036	mg/L	88%		80-123	1	20	1
Sulfate	880.8	891.2	50.00	mg/L	-21%	E,NM	79-124		20	1

Type: Blank	Lab ID: QC1294501	Batch: 382173
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1294501 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	09/17/25	09/18/25

Type: Lab Control Sample	Lab ID: QC1294502	Batch: 382173
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1294502 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9946	1.000	mg/L	99%		90-110

Type: Matrix Spike	Lab ID: QC1294503	Batch: 382173
Matrix (Source ID): Water (541591-001)	Method: EPA 350.1	Prep Method: METHOD

QC1294503 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	3.488	2.466	1.000	mg/L	102%		90-110	5

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1294504	Batch: 382173
Matrix (Source ID): Water (541591-001)	Method: EPA 350.1	Prep Method: METHOD

QC1294504 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	3.302	2.466	1.000	mg/L	84%	*	90-110	5	20	5

Type: Matrix Spike	Lab ID: QC1294505	Batch: 382173
Matrix (Source ID): Water (541598-001)	Method: EPA 350.1	Prep Method: SM 4500-NH3-G SD

QC1294505 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9546	ND	1.000	mg/L	95%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1294506	Batch: 382173
Matrix (Source ID): Water (541598-001)	Method: EPA 350.1	Prep Method: SM 4500-NH3-G SD

QC1294506 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.079	ND	1.000	mg/L	108%		90-110	12	20	1

Type: Blank	Lab ID: QC1294233	Batch: 382093
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1294233 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	09/16/25	09/17/25

Type: Lab Control Sample	Lab ID: QC1294234	Batch: 382093
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1294234 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	105.0	100.0	mg/L	105%		90-110

Type: Matrix Spike	Lab ID: QC1294235	Batch: 382093
Matrix (Source ID): Water (541918-001)	Method: EPA 410.4	Prep Method: METHOD

QC1294235 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	104.0	3.000	100.0	mg/L	101%		75-125	2

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1294236	Batch: 382093
Matrix (Source ID): Water (541918-001)	Method: EPA 410.4	Prep Method: METHOD

QC1294236 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Chemical Oxygen Demand	100.0	3.000	100.0	mg/L	97%		75-125	4	20	2

Type: Matrix Spike	Lab ID: QC1294237	Batch: 382093
Matrix (Source ID): Water (542143-004)	Method: EPA 410.4	Prep Method: METHOD

QC1294237 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	100.0	ND	100.0	mg/L	100%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1294238	Batch: 382093
Matrix (Source ID): Water (542143-004)	Method: EPA 410.4	Prep Method: METHOD

QC1294238 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Chemical Oxygen Demand	96.00	ND	100.0	mg/L	96%		75-125	4	20	2

Type: Blank	Lab ID: QC1294239	Batch: 382094
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1294239 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0062	09/16/25	09/17/25
Calcium	ND		mg/L	0.57	0.57	09/16/25	09/17/25
Iron	ND		mg/L	0.041	0.041	09/16/25	09/17/25
Magnesium	ND		mg/L	0.10	0.025	09/16/25	09/17/25
Manganese	ND		mg/L	0.010	0.0029	09/16/25	09/17/25
Potassium	ND		mg/L	0.50	0.42	09/16/25	09/17/25
Sodium	ND		mg/L	0.50	0.34	09/16/25	09/17/25

Type: Lab Control Sample	Lab ID: QC1294240	Batch: 382094
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1294240 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3270	0.4000	mg/L	82%		80-120
Calcium	17.48	20.40	mg/L	86%		80-120
Iron	0.3508	0.4000	mg/L	88%		80-120
Magnesium	18.41	20.40	mg/L	90%		80-120
Manganese	0.3418	0.4000	mg/L	85%		80-120
Potassium	21.45	24.00	mg/L	89%		80-120
Sodium	17.75	20.40	mg/L	87%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1294241	Batch: 382094
Matrix (Source ID): Water (542122-011)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1294241 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	3.625	3.353	0.4000	mg/L	68%	NM	75-125	1
Calcium	310.9	298.9	20.40	mg/L	59%	NM	75-125	1
Iron	0.3120	ND	0.4000	mg/L	78%		75-125	1
Magnesium	1,214	1203	20.40	mg/L	57%	NM	75-125	10
Manganese	0.3338	0.03214	0.4000	mg/L	75%		75-125	1
Potassium	443.4	425.4	24.00	mg/L	75%	NM	75-125	1
Sodium	8,940	9006	20.40	mg/L	-319%	NM	75-125	10

Type: Matrix Spike Duplicate	Lab ID: QC1294242	Batch: 382094
Matrix (Source ID): Water (542122-011)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1294242 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	3.625	3.353	0.4000	mg/L	68%	NM	75-125	0	20	1
Calcium	309.8	298.9	20.40	mg/L	53%	NM	75-125	0	20	1
Iron	0.3072	ND	0.4000	mg/L	77%		75-125	2	22	1
Magnesium	1,207	1203	20.40	mg/L	21%	NM	75-125	1	20	10
Manganese	0.3291	0.03214	0.4000	mg/L	74%	*	75-125	1	20	1
Potassium	440.1	425.4	24.00	mg/L	61%	NM	75-125	1	20	1
Sodium	8,859	9006	20.40	mg/L	-721%	NM	75-125	1	20	10

Type: Serial Dilution	Lab ID: QC1294263	Batch: 382094
Matrix (Source ID): Water (542122-011)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1294263 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	3.760	3.353	mg/L				5
Calcium	343.6	298.9	mg/L				5
Iron	ND	ND	mg/L				5
Magnesium	1,231	1203	mg/L				50
Manganese	0.03594	0.03214	mg/L	J			5
Potassium	396.7	425.4	mg/L				5
Sodium	9,761	9006	mg/L				50

Batch QC

Type: Blank	Lab ID: QC1294327	Batch: 382114
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1294327 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	09/17/25	09/17/25
Calcium	ND		mg/L	0.57	0.57	09/17/25	09/17/25
Iron	0.055		mg/L	0.046	0.046	09/17/25	09/17/25
Magnesium	ND		mg/L	0.10	0.025	09/17/25	09/17/25
Manganese	ND		mg/L	0.010	0.0029	09/17/25	09/17/25
Potassium	ND		mg/L	0.50	0.40	09/17/25	09/17/25
Sodium	ND		mg/L	0.50	0.35	09/17/25	09/17/25

Type: Lab Control Sample	Lab ID: QC1294328	Batch: 382114
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1294328 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3973	0.4000	mg/L	99%		80-120
Calcium	19.25	20.40	mg/L	94%		80-120
Iron	0.3977	0.4000	mg/L	99%		80-120
Magnesium	19.67	20.40	mg/L	96%		80-120
Manganese	0.3909	0.4000	mg/L	98%		80-120
Potassium	22.80	24.00	mg/L	95%		80-120
Sodium	19.20	20.40	mg/L	94%		80-120

Type: Matrix Spike	Lab ID: QC1294329	Batch: 382114
Matrix (Source ID): Water (542143-003)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1294329 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.7505	0.3515	0.4000	mg/L	100%		75-125	1
Calcium	72.05	54.34	20.40	mg/L	87%		75-125	1
Iron	0.3920	ND	0.4000	mg/L	98%		75-125	1
Magnesium	29.70	10.55	20.40	mg/L	94%		75-125	1
Manganese	0.3810	ND	0.4000	mg/L	95%		75-125	1
Potassium	25.41	2.475	24.00	mg/L	96%		75-125	1
Sodium	200.8	186.2	20.40	mg/L	71%	NM	75-125	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1294330	Batch: 382114
Matrix (Source ID): Water (542143-003)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1294330 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.7453	0.3515	0.4000	mg/L	98%		75-125	1	20	1
Calcium	71.79	54.34	20.40	mg/L	86%		75-125	0	20	1
Iron	0.3887	ND	0.4000	mg/L	97%		75-125	1	22	1
Magnesium	29.68	10.55	20.40	mg/L	94%		75-125	0	20	1
Manganese	0.3792	ND	0.4000	mg/L	95%		75-125	0	20	1
Potassium	24.99	2.475	24.00	mg/L	94%		75-125	2	20	1
Sodium	199.7	186.2	20.40	mg/L	66%	NM	75-125	1	20	1

Type: Serial Dilution	Lab ID: QC1294439	Batch: 382114
Matrix (Source ID): Water (542306-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1294439 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	89.57	90.04	mg/L				50
Calcium	6,533	6486	mg/L				50
Iron	801.2	778.9	mg/L				50
Magnesium	766.4	767.0	mg/L				50
Manganese	37.53	37.19	mg/L				50
Potassium	1,536	1652	mg/L				50
Sodium	4,987	4885	mg/L				50

Type: Blank	Lab ID: QC1295234	Batch: 382371
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1295234 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Iron	ND		mg/L	0.046	0.046	09/19/25	09/19/25

Type: Lab Control Sample	Lab ID: QC1295235	Batch: 382371
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1295235 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Iron	0.3403	0.4000	mg/L	85%		80-120

Type: Matrix Spike	Lab ID: QC1295236	Batch: 382371
Matrix (Source ID): Water (542143-004)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1295236 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Iron	0.6955	0.3150	0.4000	mg/L	95%		75-125	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1295237	Batch: 382371
Matrix (Source ID): Water (542143-004)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1295237 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Iron	0.7023	0.3150	0.4000	mg/L	97%		75-125	1	22	1

Type: Serial Dilution	Lab ID: QC1295259	Batch: 382371
Matrix (Source ID): Water (542143-004)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1295259 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Iron	0.3350	0.3150	mg/L				5

Type: Lab Control Sample	Lab ID: QC1294404	Batch: 382134
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1294404 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	56.32	50.00	ug/L	113%		69-128
MTBE	52.61	50.00	ug/L	105%		66-125
Benzene	53.82	50.00	ug/L	108%		76-121
Trichloroethene	53.74	50.00	ug/L	107%		76-124
Toluene	52.00	50.00	ug/L	104%		76-120
Chlorobenzene	52.49	50.00	ug/L	105%		78-120
Surrogates						
Dibromofluoromethane	52.26	50.00	ug/L	105%		70-130
1,2-Dichloroethane-d4	49.70	50.00	ug/L	99%		70-130
Toluene-d8	49.75	50.00	ug/L	99%		70-130
Bromofluorobenzene	51.19	50.00	ug/L	102%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1294405	Batch: 382134
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1294405 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	50.13	50.00	ug/L	100%		69-128	12	23
MTBE	49.50	50.00	ug/L	99%		66-125	6	22
Benzene	51.20	50.00	ug/L	102%		76-121	5	21
Trichloroethene	53.13	50.00	ug/L	106%		76-124	1	22
Toluene	50.77	50.00	ug/L	102%		76-120	2	21
Chlorobenzene	51.66	50.00	ug/L	103%		78-120	2	20
Surrogates								
Dibromofluoromethane	51.13	50.00	ug/L	102%		70-130		
1,2-Dichloroethane-d4	48.63	50.00	ug/L	97%		70-130		
Toluene-d8	50.96	50.00	ug/L	102%		70-130		
Bromofluorobenzene	52.14	50.00	ug/L	104%		70-130		

Batch QC

Type: Blank	Lab ID: QC1294409	Batch: 382134
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1294409 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/L	0.5	0.2	09/17/25	09/17/25
Chloromethane	ND		ug/L	0.5	0.1	09/17/25	09/17/25
Vinyl Chloride	ND		ug/L	0.5	0.2	09/17/25	09/17/25
1,1-Dichloroethene	ND		ug/L	0.5	0.2	09/17/25	09/17/25
Methylene Chloride	ND		ug/L	5.0	0.4	09/17/25	09/17/25
1,1-Dichloroethane	ND		ug/L	0.5	0.1	09/17/25	09/17/25
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	09/17/25	09/17/25
1,2-Dichloroethane	ND		ug/L	0.5	0.1	09/17/25	09/17/25
Benzene	ND		ug/L	0.5	0.1	09/17/25	09/17/25
Trichloroethene	ND		ug/L	0.5	0.1	09/17/25	09/17/25
Tetrachloroethene	ND		ug/L	0.5	0.09	09/17/25	09/17/25
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	09/17/25	09/17/25
Surrogates				Limits			
Dibromofluoromethane	106%		%REC	70-130		09/17/25	09/17/25
1,2-Dichloroethane-d4	107%		%REC	70-130		09/17/25	09/17/25
Toluene-d8	98%		%REC	70-130		09/17/25	09/17/25
Bromofluorobenzene	95%		%REC	70-130		09/17/25	09/17/25

Type: Matrix Spike	Lab ID: QC1294448	Batch: 382134
Matrix (Source ID): Water (542191-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1294448 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	19.60	ND	20.00	ug/L	98%		62-131	1
MTBE	18.85	ND	20.00	ug/L	94%		61-124	1
Benzene	20.20	ND	20.00	ug/L	101%		70-123	1
Trichloroethene	21.17	0.2378	20.00	ug/L	105%		65-131	1
Toluene	19.60	ND	20.00	ug/L	98%		69-120	1
Chlorobenzene	19.91	ND	20.00	ug/L	100%		72-121	1
Surrogates								
Dibromofluoromethane	49.81		50.00	ug/L	100%		70-130	1
1,2-Dichloroethane-d4	51.37		50.00	ug/L	103%		70-130	1
Toluene-d8	49.15		50.00	ug/L	98%		70-130	1
Bromofluorobenzene	48.71		50.00	ug/L	97%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1294449	Batch: 382134
Matrix (Source ID): Water (542191-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1294449 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	21.27	ND	20.00	ug/L	106%		62-131	8	31	1
MTBE	20.20	ND	20.00	ug/L	101%		61-124	7	30	1
Benzene	21.42	ND	20.00	ug/L	107%		70-123	6	31	1
Trichloroethene	22.54	0.2378	20.00	ug/L	112%		65-131	6	31	1
Toluene	21.25	ND	20.00	ug/L	106%		69-120	8	29	1
Chlorobenzene	21.62	ND	20.00	ug/L	108%		72-121	8	29	1
Surrogates										
Dibromofluoromethane	51.27		50.00	ug/L	103%		70-130			1
1,2-Dichloroethane-d4	50.26		50.00	ug/L	101%		70-130			1
Toluene-d8	50.82		50.00	ug/L	102%		70-130			1
Bromofluorobenzene	49.11		50.00	ug/L	98%		70-130			1

Type: Blank	Lab ID: QC1294815	Batch: 382258
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1294815 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.87	09/18/25	09/18/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		09/18/25	09/18/25

Type: Lab Control Sample	Lab ID: QC1294816	Batch: 382258
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1294816 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	9.638	10.00	ug/L	96%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	9.919	10.00	ug/L	99%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1294817	Batch: 382258
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1294817 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	9.663	10.00	ug/L	97%		79-120	0	20
Surrogates								
1,4-Dioxane-d8 (SUR)	9.985	10.00	ug/L	100%		80-120		

Type: Blank	Lab ID: QC1294572	Batch: 382198
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1294572 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		09/17/25	09/17/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1294573	Batch: 382198
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1294573 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1294574	Batch: 382198
Matrix (Source ID): Water (542143-004)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1294574 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1294575	Batch: 382198
Matrix (Source ID): Water (542143-004)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1294575 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	0	20	1

Type: Blank	Lab ID: QC1295038	Batch: 382325
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1295038 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.49	09/18/25	09/18/25

Type: Lab Control Sample	Lab ID: QC1295039	Batch: 382325
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1295039 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	22.62	25.00	mg/L	90%		85-115

Type: Matrix Spike	Lab ID: QC1295040	Batch: 382325
Matrix (Source ID): Water (542431-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1295040 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	42,940	30020	12500	mg/L	103%		75-125	500

Type: Matrix Spike Duplicate	Lab ID: QC1295041	Batch: 382325
Matrix (Source ID): Water (542431-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1295041 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Total Organic Carbon	43,260	30020	12500	mg/L	106%		75-125	1	25	500

Batch QC

Type: Blank	Lab ID: QC1294437	Batch: 382144
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1294437 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		09/17/25	09/17/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		09/17/25	09/17/25

Type: Lab Control Sample	Lab ID: QC1294438	Batch: 382144
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1294438 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	963.7	1000	mg/L	96%		90-110

Type: Sample Duplicate	Lab ID: QC1295450	Batch: 382144
Matrix (Source ID): Water (542213-004)	Method: SM2320B	Prep Method: METHOD

QC1295450 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	191.6	188.9	mg/L		1	20	5
Alkalinity, Total as CaCO ₃	191.6	188.9	mg/L		1	20	5

Type: Blank	Lab ID: QC1294250	Batch: 382092
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1294250 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	10		09/16/25	09/17/25

Type: Lab Control Sample	Lab ID: QC1294251	Batch: 382092
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1294251 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,033	1000	mg/L	103%		90-110

Type: Sample Duplicate	Lab ID: QC1294252	Batch: 382092
Matrix (Source ID): Water (542117-001)	Method: SM2540C	Prep Method: METHOD

QC1294252 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	9,720	9360	mg/L		4	5	10

Type: Sample Duplicate	Lab ID: QC1294253	Batch: 382092
Matrix (Source ID): Water (542193-002)	Method: SM2540C	Prep Method: METHOD

QC1294253 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	201.0	202.0	mg/L		0	5	1

Batch QC

* Value is outside QC limits
E Response exceeds instrument's linear range
J Estimated value
ND Not Detected
NM Not Meaningful

Laboratory Job Number 542143

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2509B84

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-542143

Project Location:

Project Received: 09/16/2025

Analytical Report reviewed & approved for release on 09/22/2025 by:

Jena Alfaro

Project Manager

McC Campbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.





Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical**WorkOrder:** 2509B84**Project:** EO-542143

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit ¹
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit ²
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

¹ MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

² RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.



Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2509B84

Project: EO-542143

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	"Too Numerous to Count," greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Analytical Report

Client: Enthalpy Analytical
Date Received: 09/16/2025 9:30
Date Prepared: 09/19/2025
Project: EO-542143

WorkOrder: 2509B84
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-17	2509B84-001A	Water	09/15/2025 08:27	GC26 0919251104.D	326216

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	350	50	50	1	09/19/2025 13:36

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-14	2509B84-002A	Water	09/15/2025 09:47	GC26 0919251105.D	326216

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	460	50	50	1	09/19/2025 13:51

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
PZ-4	2509B84-003A	Water	09/15/2025 11:08	GC26 0919251106.D	326216

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	14,000	500	500	10	09/19/2025 14:52

Analyst(s): CLO

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 09/16/2025 9:30
Date Prepared: 09/19/2025
Project: EO-542143

WorkOrder: 2509B84
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-30	2509B84-004A	Water	09/15/2025 12:34	GC26 0919251107.D	326216

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	3000	120	120	2.5	09/19/2025 16:25

Analyst(s): CLO



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 09/19/2025
Date Analyzed: 09/19/2025
Instrument: GC26
Matrix: Water
Project: EO-542143

WorkOrder: 2509B84
BatchID: 326216
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-326216

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	170	150	187.2	90	80	70-130	11.3	30

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

☐ WaterTrax ☐ CLIP ☐ EDF

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2509B84

ClientCode: ENO

QuoteID: 252619

☐ EQUIS ☐ Dry-Weight ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag
☐ Detection Summary ☒ Excel [A1_Standard_QC]

Report to:

Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 079649
Project: EO-542143

Bill to:

Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: 5 days;

Date Received: 09/16/2025

Date Logged: 09/17/2025

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2509B84-001	DW-17	Water	9/15/2025 08:27	☐	A	A										
2509B84-002	DW-14	Water	9/15/2025 09:47	☐	A	A										
2509B84-003	PZ-4	Water	9/15/2025 11:08	☐	A	A										
2509B84-004	DW-30	Water	9/15/2025 12:34	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Agustina Venegas

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL

Project: EO-542143

Work Order: 2509B84

Client Contact: Zach Barker

QC Level: LEVEL 2

Contact's Email: zach.barker@enthalpy.com

Comments:

Date Logged: 9/17/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☒ Excel ☐ EQUIS ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-17	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/15/2025 8:27	5 days	9/23/2025	None	☐	☐
002A	DW-14	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/15/2025 9:47	5 days	9/23/2025	None	☐	☐
003A	PZ-4	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/15/2025 11:08	5 days	9/23/2025	None	☐	☐
004A	DW-30	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/15/2025 12:34	5 days	9/23/2025	Present	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U** = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.

2507B84



931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:

McC Campbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-542143

PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel
EDD

Notes:

--

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
✓ DW-17	15-SEP-2025 08:27	542143-001	3	Water	RSK-175 CO2	
✓ DW-14	15-SEP-2025 09:47	542143-002	3	Water	RSK-175 CO2	
✓ PZ-4	15-SEP-2025 11:08	542143-003	3	Water	RSK-175 CO2	
+ DW-30	15-SEP-2025 12:34	542143-004	3	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
		FED EX
	Date: 9-15-25 1500	Date: 9-15-25
	FED EX	
	Date: 9-16-25	Date: 9/16/25 1730
	Date:	Date:

1.60 WEA
SP41

FED EX: 884390633113



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-542143

Date and Time Received: 9/16/2025 09:30

Date Logged: 9/17/2025

Received by: Agustina Venegas

Logged by: Agustina Venegas

WorkOrder No: 2509B84 Matrix: Water
Carrier: FedEx

Chain of Custody (COC) Information

Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Sample IDs noted by Client on COC?	Yes ☒	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☒	No ☐	
Sampler's name noted on COC?	Yes ☐	No ☒	
COC agrees with Quote?	Yes ☒	No ☐	NA ☐
COC quote NOT expired?	Yes ☒	No ☐	NA ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	NA ☒
Shipping container/cooler in good condition?	Yes ☒	No ☐	
Samples in proper containers/bottles?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☒	No ☐	NA ☐
Samples Received on Ice?	Yes ☒	No ☐	

(Ice Type: WET ICE)

Sample/Temp Blank temperature	Temp: 1.6°C	NA ☐	
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☒	No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☒	No ☐	
pH acceptable upon receipt (Metal: <2)?	Yes ☐	No ☐	NA ☒

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐	No ☐	NA ☒
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7)?	Yes ☐	No ☐	NA ☒

Comments:



Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 542252
Report Level : II
Report Date : 10/01/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill

Authorized for release by:

Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197



Sample Summary

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo
Drive
Castaic, CA 91384

Lab Job #: 542252
Project No: GW MONITORING
Location: Chiquita Canyon Landfill
Date Received: 09/16/25

Sample ID	Lab ID	Collected	Matrix
DW-12	542252-001	09/16/25 08:12	Water
DW-7	542252-002	09/16/25 09:13	Water
DW-18	542252-003	09/16/25 10:11	Water
DW-21	542252-004	09/16/25 10:55	Water
DW-31	542252-005	09/16/25 12:17	Water
QCFB	542252-006	09/16/25 12:19	Water
QCTB	542252-007	09/16/25 00:00	Water

Case Narrative

Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384
Steve Cassulo

Lab Job Number: 542252
Project No: GW MONITORING
Location: Chiquita Canyon
Landfill
Date Received: 09/16/25

This data package contains sample and QC results for seven water samples, requested for the above referenced project on 09/17/25. The samples were received in good condition.

Volatile Organics by GC/MS (EPA 8260B):

- Low recoveries were observed for toluene and chlorobenzene in the MSD for batch 382964; the parent sample was not a project sample, the BS/BSD were within limits, and these low recoveries were not associated with any reported results. High RPD was observed for a number of analytes in the MS/MSD for batch 382964; the RPD was acceptable in the BS/BSD, and these analytes were not detected at or above the RL in the associated samples.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):

No analytical problems were encountered.

Metals (EPA 6010B):

No analytical problems were encountered.

Ion Chromatography (EPA 300.0):

No analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):

No analytical problems were encountered.

Alkalinity (SM2320B):

No analytical problems were encountered.

Sulfide (SM 4500-S2-D):

No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):

No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):

No analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):

No analytical problems were encountered.

RSK-175 CO2 (RSK-175):

McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 9/16/25 WO# 542252 Client: Chiquita Canyon Landfill

Section 2: Shipping / Custody

Are custody seals present? ☐ Yes ☒ No

Custody seals intact on arrival? ☐ N/A ☒ Yes ☐ No ☐ On cooler / box ☐ On samples

Shipping Info: walk-in

Section 3a: Condition / Packaging

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 9/16/25 By (initials) AXT Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None

☒ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR03 CF: +0.7

Cooler Temp (°C) #1: 9.6 #2: 8.9 #3: _____ #4: _____ #5: _____ #6: _____

Section 3b: Microbiology Samples

☒ No microbiology samples submitted (skip 3b)

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples

☒ No air samples submitted (skip 3c)

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples

	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	X		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?		X	
13) Are VOA vials free from headspace/bubbles > 6mm?		X	

Section 5: Explanations / Comments

☐ PM notified

Date Logged 9/16/25 By (print) AXT

Date Labeled 11 By (print) 4

(sign) [Signature]

(sign) [Signature]

ENTHALPY

Date Received: 9/17/25 WO# 542252 Client: WASTECONNECTIONS

Are custody seals present? ☐ Yes ☒ No

☒ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 9/17/25 By (initials) LXB Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR 13 CF: +0.0

Cooler Temp (°C) #1: 3.1 / 3.1 #2: / #3: / #4: / #5: / #6: /

☐ No microbiology samples submitted (skip 3b)☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

☐ No air samples submitted (skip 3c)

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

YES	NO	N/A
-----	----	-----

1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)			X
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?			
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			X
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

(If no comments are made, then no discrepancies noted.)

[illegible]☐ No additional discrepancies

Date Logged 9/16/25 By (print) AXT (sign)

Date Labeled 9/16/25 By (print) AXT (sign)

Analysis Results for 542252

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 542252
Project No: GW MONITORING
Location: Chiquita Canyon Landfill
Date Received: 09/16/25

Sample ID: DW-12

Lab ID: 542252-001

Collected: 09/16/25 08:12

Matrix: Water

542252-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.59		mg/L	0.20	0.073	1	382184	09/17/25 16:00	09/17/25 19:03	KUM
Chloride	190		mg/L	1.0	0.27	1	382184	09/17/25 16:00	09/17/25 19:03	KUM
Bromide	0.58		mg/L	0.30	0.060	1	382184	09/17/25 16:00	09/17/25 19:03	KUM
Nitrogen, Nitrate	3.8		mg/L	0.10	0.05	1	382184	09/17/25 16:00	09/17/25 19:03	KUM
Sulfate	300		mg/L	10	1.8	10	382184	09/17/25 16:00	09/18/25 11:13	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382666	09/23/25	09/24/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	382560	09/22/25	09/22/25	RDL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.22		mg/L	0.050	0.0055	1	382216	09/17/25	09/17/25	TWJ
Calcium	25		mg/L	1.0	0.57	1	382216	09/17/25	09/17/25	TWJ
Iron	ND		mg/L	0.10	0.046	1	382216	09/17/25	09/17/25	TWJ
Magnesium	3.0		mg/L	0.10	0.025	1	382216	09/17/25	09/17/25	TWJ
Manganese	ND		mg/L	0.010	0.0029	1	382216	09/17/25	09/17/25	TWJ
Potassium	1.7		mg/L	0.50	0.40	1	382216	09/17/25	09/17/25	TWJ
Sodium	280		mg/L	0.60	0.35	1	382216	09/17/25	09/17/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	382964	09/26/25	09/26/25	LYZ
Chloromethane	ND		ug/L	1.0	0.09	1	382964	09/26/25	09/26/25	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Methylene Chloride	ND		ug/L	10	0.2	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
Benzene	0.07	J	ug/L	0.5	0.03	1	382964	09/26/25	09/26/25	LYZ
Trichloroethene	ND		ug/L	0.5	0.05	1	382964	09/26/25	09/26/25	LYZ
Tetrachloroethene	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Surrogates	Limits									
Dibromofluoromethane	104%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane-d4	105%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Toluene-d8	96%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Bromofluorobenzene	98%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ

Analysis Results for 542252

542252-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8270C-SIM										
Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	382258	09/18/25	09/19/25	ZFA
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	107%		%REC	80-120		1	382258	09/18/25	09/19/25	ZFA
Method: SM 4500-S2-D										
Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382319	09/18/25	09/18/25	TXC
Method: SM 5310B										
Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.49	1	382325	09/18/25	09/18/25	ARM
Method: SM2320B										
Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	160		mg/L	5.0	2.5	382404	09/19/25	09/19/25	09/19/25	WWC
Alkalinity, Total as CaCO3	160		mg/L	5.0	2.5	382404	09/19/25	09/19/25	09/19/25	WWC
Method: SM2540C										
Prep Method: METHOD										
Total Dissolved Solids	940		mg/L	20		2	382289	09/18/25	09/22/25	JAG

Analysis Results for 542252

Sample ID: DW-7
Lab ID: 542252-002
Collected: 09/16/25 09:13
Matrix: Water

542252-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.14	J	mg/L	0.20	0.073	1	382184	09/17/25 16:00	09/17/25 19:20	KUM
Chloride	81		mg/L	1.0	0.27	1	382184	09/17/25 16:00	09/17/25 19:20	KUM
Bromide	0.12	J	mg/L	0.30	0.060	1	382184	09/17/25 16:00	09/17/25 19:20	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	382184	09/17/25 16:00	09/17/25 19:20	KUM
Sulfate	640		mg/L	10	1.8	10	382184	09/17/25 16:00	09/18/25 12:03	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382666	09/23/25	09/24/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	382560	09/22/25	09/22/25	RDL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.18		mg/L	0.050	0.0055	1	382216	09/17/25	09/17/25	TWJ
Calcium	34		mg/L	1.0	0.57	1	382216	09/17/25	09/17/25	TWJ
Iron	ND		mg/L	0.10	0.046	1	382216	09/17/25	09/17/25	TWJ
Magnesium	1.6		mg/L	0.10	0.025	1	382216	09/17/25	09/17/25	TWJ
Manganese	ND		mg/L	0.010	0.0029	1	382216	09/17/25	09/17/25	TWJ
Potassium	1.0		mg/L	0.50	0.40	1	382216	09/17/25	09/17/25	TWJ
Sodium	340		mg/L	0.60	0.35	1	382216	09/17/25	09/17/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	382964	09/26/25	09/26/25	LYZ
Chloromethane	ND		ug/L	1.0	0.09	1	382964	09/26/25	09/26/25	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Methylene Chloride	ND		ug/L	10	0.2	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
Benzene	0.06	J	ug/L	0.5	0.03	1	382964	09/26/25	09/26/25	LYZ
Trichloroethene	ND		ug/L	0.5	0.05	1	382964	09/26/25	09/26/25	LYZ
Tetrachloroethene	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Surrogates										
			Limits							
Dibromofluoromethane	106%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane-d4	109%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Toluene-d8	96%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Bromofluorobenzene	99%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	382258	09/18/25	09/19/25	ZFA
Surrogates										
			Limits							
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	382258	09/18/25	09/19/25	ZFA

Analysis Results for 542252

542252-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382319	09/18/25	09/18/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.49	1	382325	09/18/25	09/18/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO ₃	100		mg/L	5.0		2.5	382404	09/19/25	09/19/25	WWC
Alkalinity, Total as CaCO ₃	100		mg/L	5.0		2.5	382404	09/19/25	09/19/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,200		mg/L	20		2	382289	09/18/25	09/22/25	JAG

Analysis Results for 542252

Sample ID: DW-18
Lab ID: 542252-003
Collected: 09/16/25 10:11
Matrix: Water

542252-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.25		mg/L	0.20	0.073	1	382184	09/17/25 16:00	09/18/25 08:41	KUM
Chloride	110		mg/L	1.0	0.27	1	382184	09/17/25 16:00	09/18/25 08:41	KUM
Bromide	0.24	J	mg/L	0.30	0.060	1	382184	09/17/25 16:00	09/18/25 08:41	KUM
Nitrogen, Nitrate	3.0		mg/L	0.10	0.05	1	382184	09/17/25 16:00	09/18/25 08:41	KUM
Sulfate	340		mg/L	10	1.8	10	382184	09/17/25 16:00	09/18/25 12:20	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382666	09/23/25	09/24/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	4.0		mg/L	4.0	2.0	1	382560	09/22/25	09/22/25	RDL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.37		mg/L	0.050	0.0055	1	382216	09/17/25	09/17/25	TWJ
Calcium	27		mg/L	1.0	0.57	1	382216	09/17/25	09/17/25	TWJ
Iron	ND		mg/L	0.10	0.046	1	382216	09/17/25	09/17/25	TWJ
Magnesium	2.3		mg/L	0.10	0.025	1	382216	09/17/25	09/17/25	TWJ
Manganese	ND		mg/L	0.010	0.0029	1	382216	09/17/25	09/17/25	TWJ
Potassium	1.5		mg/L	0.50	0.40	1	382216	09/17/25	09/17/25	TWJ
Sodium	290		mg/L	0.60	0.35	1	382216	09/17/25	09/17/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	382964	09/26/25	09/26/25	LYZ
Chloromethane	ND		ug/L	1.0	0.09	1	382964	09/26/25	09/26/25	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Methylene Chloride	ND		ug/L	10	0.2	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
Benzene	0.05	J	ug/L	0.5	0.03	1	382964	09/26/25	09/26/25	LYZ
Trichloroethene	ND		ug/L	0.5	0.05	1	382964	09/26/25	09/26/25	LYZ
Tetrachloroethene	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Surrogates										
Limits										
Dibromofluoromethane	103%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane-d4	108%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Toluene-d8	96%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Bromofluorobenzene	98%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	382258	09/18/25	09/19/25	ZFA
Surrogates										
Limits										
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	382258	09/18/25	09/19/25	ZFA

Analysis Results for 542252

542252-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382319	09/18/25	09/18/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	2.6		mg/L	1.0	0.49	1	382325	09/18/25	09/18/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO ₃	260		mg/L	5.0		2.5	382404	09/19/25	09/19/25	WWC
Alkalinity, Total as CaCO ₃	260		mg/L	5.0		2.5	382404	09/19/25	09/19/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,000		mg/L	20		2	382289	09/18/25	09/22/25	JAG

Analysis Results for 542252

Sample ID: DW-21
Lab ID: 542252-004
Collected: 09/16/25 10:55
Matrix: Water

542252-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.86		mg/L	0.20	0.073	1	382184	09/17/25 16:00	09/18/25 08:58	KUM
Chloride	53		mg/L	1.0	0.27	1	382184	09/17/25 16:00	09/18/25 08:58	KUM
Bromide	0.13	J	mg/L	0.30	0.060	1	382184	09/17/25 16:00	09/18/25 08:58	KUM
Nitrogen, Nitrate	0.10		mg/L	0.10	0.05	1	382184	09/17/25 16:00	09/18/25 08:58	KUM
Sulfate	120		mg/L	10	1.8	10	382184	09/17/25 16:00	09/18/25 12:37	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382666	09/23/25	09/24/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	382560	09/22/25	09/22/25	RDL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.27		mg/L	0.050	0.0055	1	382216	09/17/25	09/17/25	TWJ
Calcium	3.7		mg/L	1.0	0.57	1	382216	09/17/25	09/17/25	TWJ
Iron	0.29		mg/L	0.10	0.046	1	382216	09/17/25	09/17/25	TWJ
Magnesium	0.22		mg/L	0.10	0.025	1	382216	09/17/25	09/17/25	TWJ
Manganese	ND		mg/L	0.010	0.0029	1	382216	09/17/25	09/17/25	TWJ
Potassium	0.41	J	mg/L	0.50	0.40	1	382216	09/17/25	09/17/25	TWJ
Sodium	140		mg/L	0.60	0.35	1	382216	09/17/25	09/17/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	382964	09/26/25	09/26/25	LYZ
Chloromethane	ND		ug/L	1.0	0.09	1	382964	09/26/25	09/26/25	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Methylene Chloride	ND		ug/L	10	0.2	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
Benzene	0.04	J	ug/L	0.5	0.03	1	382964	09/26/25	09/26/25	LYZ
Trichloroethene	ND		ug/L	0.5	0.05	1	382964	09/26/25	09/26/25	LYZ
Tetrachloroethene	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Surrogates			Limits							
Dibromofluoromethane	105%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane-d4	107%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Toluene-d8	95%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Bromofluorobenzene	98%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	382258	09/18/25	09/19/25	ZFA
Surrogates			Limits							
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	382258	09/18/25	09/19/25	ZFA

Analysis Results for 542252

542252-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382319	09/18/25	09/18/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	0.74	J	mg/L	1.0	0.49	1	382325	09/18/25	09/18/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO ₃	97		mg/L	5.0		2.5	382404	09/19/25	09/19/25	WWC
Alkalinity, Total as CaCO ₃	150		mg/L	5.0		2.5	382404	09/19/25	09/19/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	440		mg/L	20		2	382289	09/18/25	09/22/25	JAG

Analysis Results for 542252

Sample ID: DW-31
Lab ID: 542252-005
Collected: 09/16/25 12:17
Matrix: Water

542252-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.25		mg/L	0.20	0.073	1	382184	09/17/25 16:00	09/18/25 09:15	KUM
Chloride	95		mg/L	1.0	0.27	1	382184	09/17/25 16:00	09/18/25 09:15	KUM
Bromide	0.52		mg/L	0.30	0.060	1	382184	09/17/25 16:00	09/18/25 09:15	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	382184	09/17/25 16:00	09/18/25 09:15	KUM
Sulfate	330		mg/L	10	1.8	10	382184	09/17/25 16:00	09/18/25 12:54	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382666	09/23/25	09/24/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	30		mg/L	4.0	2.0	1	382560	09/22/25	09/22/25	RDL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.51		mg/L	0.050	0.0055	1	382216	09/17/25	09/17/25	TWJ
Calcium	170		mg/L	1.0	0.57	1	382216	09/17/25	09/17/25	TWJ
Iron	1.7		mg/L	0.10	0.046	1	382216	09/17/25	09/17/25	TWJ
Magnesium	31		mg/L	0.10	0.025	1	382216	09/17/25	09/17/25	TWJ
Manganese	0.80		mg/L	0.010	0.0029	1	382216	09/17/25	09/17/25	TWJ
Potassium	1.4		mg/L	0.50	0.40	1	382216	09/17/25	09/17/25	TWJ
Sodium	130		mg/L	0.60	0.35	1	382216	09/17/25	09/17/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	382964	09/26/25	09/26/25	LYZ
Chloromethane	ND		ug/L	1.0	0.09	1	382964	09/26/25	09/26/25	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Methylene Chloride	ND		ug/L	10	0.2	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
Benzene	0.03	J	ug/L	0.5	0.03	1	382964	09/26/25	09/26/25	LYZ
Trichloroethene	ND		ug/L	0.5	0.05	1	382964	09/26/25	09/26/25	LYZ
Tetrachloroethene	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Surrogates										
			Limits							
Dibromofluoromethane	106%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane-d4	108%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Toluene-d8	96%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Bromofluorobenzene	99%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	7.5		ug/L	1.0	0.87	1	382258	09/18/25	09/19/25	ZFA
Surrogates										
			Limits							
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	382258	09/18/25	09/19/25	ZFA

Analysis Results for 542252

542252-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382319	09/18/25	09/18/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	17		mg/L	1.0	0.49	1	382325	09/18/25	09/19/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO ₃	400		mg/L	5.0		2.5	382404	09/19/25	09/19/25	WWC
Alkalinity, Total as CaCO ₃	400		mg/L	5.0		2.5	382404	09/19/25	09/19/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,100		mg/L	20		2	382289	09/18/25	09/22/25	JAG

Sample ID: QCFB

Lab ID: 542252-006

Collected: 09/16/25 12:19

Matrix: Water

542252-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	382964	09/26/25	09/26/25	LYZ
Chloromethane	ND		ug/L	1.0	0.09	1	382964	09/26/25	09/26/25	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Methylene Chloride	0.7	J	ug/L	10	0.2	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
Benzene	ND		ug/L	0.5	0.03	1	382964	09/26/25	09/26/25	LYZ
Trichloroethene	ND		ug/L	0.5	0.05	1	382964	09/26/25	09/26/25	LYZ
Tetrachloroethene	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Surrogates			Limits							
Dibromofluoromethane	105%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane-d4	108%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Toluene-d8	96%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Bromofluorobenzene	97%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ

Analysis Results for 542252

Sample ID: QCTB	Lab ID: 542252-007	Collected: 09/16/25
	Matrix: Water	

542252-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	382964	09/26/25	09/26/25	EJB
Chloromethane	0.2	J	ug/L	1.0	0.09	1	382964	09/26/25	09/26/25	EJB
Vinyl Chloride	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	EJB
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	EJB
Methylene Chloride	0.3	J	ug/L	10	0.2	1	382964	09/26/25	09/26/25	EJB
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	EJB
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	EJB
Benzene	ND		ug/L	0.5	0.03	1	382964	09/26/25	09/26/25	EJB
Trichloroethene	ND		ug/L	0.5	0.05	1	382964	09/26/25	09/26/25	EJB
Tetrachloroethene	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	EJB
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	EJB
Surrogates				Limits						
Dibromofluoromethane	105%		%REC	70-130		1	382964	09/26/25	09/26/25	EJB
1,2-Dichloroethane-d4	108%		%REC	70-130		1	382964	09/26/25	09/26/25	EJB
Toluene-d8	96%		%REC	70-130		1	382964	09/26/25	09/26/25	EJB
Bromofluorobenzene	96%		%REC	70-130		1	382964	09/26/25	09/26/25	EJB

J Estimated value

ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1294544	Batch: 382184
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1294544 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	09/17/25 16:00	09/17/25 16:49
Chloride	ND		mg/L	1.0	0.27	09/17/25 16:00	09/17/25 16:49
Bromide	ND		mg/L	0.30	0.060	09/17/25 16:00	09/17/25 16:49
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	09/17/25 16:00	09/17/25 16:49
Sulfate	ND		mg/L	1.0	0.18	09/17/25 16:00	09/17/25 16:49

Type: Lab Control Sample	Lab ID: QC1294545	Batch: 382184
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1294545 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.843	10.00	mg/L	98%		90-110
Chloride	45.58	50.00	mg/L	91%		90-110
Bromide	13.85	15.00	mg/L	92%		90-110
Nitrogen, Nitrate	4.334	4.518	mg/L	96%		90-110
Sulfate	24.47	25.00	mg/L	98%		90-110

Type: Matrix Spike	Lab ID: QC1294546	Batch: 382184
Matrix (Source ID): Water (542336-001)	Method: EPA 300.0	Prep Method: METHOD

QC1294546 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	20.21	ND	20.00	mg/L	101%		80-129	1
Chloride	98.76	ND	100.0	mg/L	99%		80-123	1
Bromide	13.66	ND	15.00	mg/L	91%		80-121	1
Nitrogen, Nitrate	8.973	ND	9.036	mg/L	99%		80-123	1
Sulfate	54.06	4.683	50.00	mg/L	99%		79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1294547	Batch: 382184
Matrix (Source ID): Water (542336-001)	Method: EPA 300.0	Prep Method: METHOD

QC1294547 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	20.29	ND	20.00	mg/L	101%		80-129	0	21	1
Chloride	98.95	ND	100.0	mg/L	99%		80-123	0	20	1
Bromide	13.68	ND	15.00	mg/L	91%		80-121	0	20	1
Nitrogen, Nitrate	8.991	ND	9.036	mg/L	99%		80-123	0	20	1
Sulfate	54.19	4.683	50.00	mg/L	99%		79-124	0	20	1

Type: Blank	Lab ID: QC1296181	Batch: 382666
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1296181 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	09/23/25	09/24/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1296182	Batch: 382666
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1296182 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.028	1.000	mg/L	103%		90-110

Type: Matrix Spike	Lab ID: QC1296183	Batch: 382666
Matrix (Source ID): Water (542252-001)	Method: EPA 350.1	Prep Method: METHOD

QC1296183 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9455	ND	1.000	mg/L	95%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1296184	Batch: 382666
Matrix (Source ID): Water (542252-001)	Method: EPA 350.1	Prep Method: METHOD

QC1296184 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Ammonia-N	1.001	ND	1.000	mg/L	100%		90-110	6	20	1

Type: Matrix Spike	Lab ID: QC1296185	Batch: 382666
Matrix (Source ID): Water (542252-002)	Method: EPA 350.1	Prep Method: METHOD

QC1296185 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9781	ND	1.000	mg/L	98%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1296186	Batch: 382666
Matrix (Source ID): Water (542252-002)	Method: EPA 350.1	Prep Method: METHOD

QC1296186 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Ammonia-N	0.9374	ND	1.000	mg/L	94%		90-110	4	20	1

Type: Blank	Lab ID: QC1295844	Batch: 382560
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1295844 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	09/22/25	09/22/25

Type: Lab Control Sample	Lab ID: QC1295845	Batch: 382560
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1295845 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	93.00	100.0	mg/L	93%		90-110

Batch QC

Type: Matrix Spike	Lab ID: QC1295846	Batch: 382560
Matrix (Source ID): Water (542337-001)	Method: EPA 410.4	Prep Method: METHOD

QC1295846 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	90.00	ND	100.0	mg/L	90%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1295847	Batch: 382560
Matrix (Source ID): Water (542337-001)	Method: EPA 410.4	Prep Method: METHOD

QC1295847 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	86.00	ND	100.0	mg/L	86%		75-125	5	20	2

Type: Blank	Lab ID: QC1294652	Batch: 382216
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1294652 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	09/17/25	09/17/25
Calcium	ND		mg/L	0.57	0.57	09/17/25	09/17/25
Iron	ND		mg/L	0.046	0.046	09/17/25	09/17/25
Magnesium	ND		mg/L	0.10	0.025	09/17/25	09/17/25
Manganese	ND		mg/L	0.010	0.0029	09/17/25	09/17/25
Potassium	ND		mg/L	0.50	0.40	09/17/25	09/17/25
Sodium	ND		mg/L	0.50	0.35	09/17/25	09/17/25

Type: Lab Control Sample	Lab ID: QC1294653	Batch: 382216
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1294653 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3756	0.4000	mg/L	94%		80-120
Calcium	18.47	20.40	mg/L	91%		80-120
Iron	0.3727	0.4000	mg/L	93%		80-120
Magnesium	19.02	20.40	mg/L	93%		80-120
Manganese	0.3733	0.4000	mg/L	93%		80-120
Potassium	21.79	24.00	mg/L	91%		80-120
Sodium	18.35	20.40	mg/L	90%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1294654	Batch: 382216
Matrix (Source ID): Water (542252-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1294654 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.6054	0.2213	0.4000	mg/L	96%		75-125	1
Calcium	42.99	24.56	20.40	mg/L	90%		75-125	1
Iron	0.3779	ND	0.4000	mg/L	94%		75-125	1
Magnesium	22.14	3.017	20.40	mg/L	94%		75-125	1
Manganese	0.3766	ND	0.4000	mg/L	94%		75-125	1
Potassium	24.15	1.693	24.00	mg/L	94%		75-125	1
Sodium	294.1	279.5	20.40	mg/L	71%	NM	75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1294655	Batch: 382216
Matrix (Source ID): Water (542252-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1294655 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.6001	0.2213	0.4000	mg/L	95%		75-125	1	20	1
Calcium	42.34	24.56	20.40	mg/L	87%		75-125	2	20	1
Iron	0.3702	ND	0.4000	mg/L	93%		75-125	2	22	1
Magnesium	21.51	3.017	20.40	mg/L	91%		75-125	3	20	1
Manganese	0.3711	ND	0.4000	mg/L	93%		75-125	1	20	1
Potassium	23.61	1.693	24.00	mg/L	91%		75-125	2	20	1
Sodium	293.0	279.5	20.40	mg/L	66%	NM	75-125	0	20	1

Type: Serial Dilution	Lab ID: QC1294667	Batch: 382216
Matrix (Source ID): Water (542252-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1294667 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	0.2351	0.2213	mg/L	J			5
Calcium	25.73	24.56	mg/L				5
Iron	ND	ND	mg/L				5
Magnesium	3.214	3.017	mg/L				5
Manganese	ND	ND	mg/L				5
Potassium	ND	1.693	mg/L				5
Sodium	295.6	279.5	mg/L				5

Batch QC

Type: Lab Control Sample	Lab ID: QC1297274	Batch: 382964
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1297274 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	42.96	50.00	ug/L	86%		69-128
MTBE	57.31	50.00	ug/L	115%		66-125
Benzene	47.97	50.00	ug/L	96%		76-121
Trichloroethene	42.02	50.00	ug/L	84%		76-124
Toluene	43.95	50.00	ug/L	88%		76-120
Chlorobenzene	46.28	50.00	ug/L	93%		78-120
Surrogates						
Dibromofluoromethane	51.52	50.00	ug/L	103%		70-130
1,2-Dichloroethane-d4	55.43	50.00	ug/L	111%		70-130
Toluene-d8	48.52	50.00	ug/L	97%		70-130
Bromofluorobenzene	49.46	50.00	ug/L	99%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1297275	Batch: 382964
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1297275 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	45.27	50.00	ug/L	91%		69-128	5	23
MTBE	56.83	50.00	ug/L	114%		66-125	1	22
Benzene	49.14	50.00	ug/L	98%		76-121	2	21
Trichloroethene	44.56	50.00	ug/L	89%		76-124	6	22
Toluene	45.36	50.00	ug/L	91%		76-120	3	21
Chlorobenzene	47.39	50.00	ug/L	95%		78-120	2	20
Surrogates								
Dibromofluoromethane	51.44	50.00	ug/L	103%		70-130		
1,2-Dichloroethane-d4	54.47	50.00	ug/L	109%		70-130		
Toluene-d8	48.60	50.00	ug/L	97%		70-130		
Bromofluorobenzene	49.70	50.00	ug/L	99%		70-130		

Batch QC

Type: Blank	Lab ID: QC1297280	Batch: 382964
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1297280 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/L	1.0	0.08	09/26/25	09/26/25
Chloromethane	ND		ug/L	1.0	0.09	09/26/25	09/26/25
Vinyl Chloride	ND		ug/L	0.5	0.06	09/26/25	09/26/25
1,1-Dichloroethene	ND		ug/L	0.5	0.09	09/26/25	09/26/25
Methylene Chloride	ND		ug/L	10	0.2	09/26/25	09/26/25
1,1-Dichloroethane	ND		ug/L	0.5	0.06	09/26/25	09/26/25
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	09/26/25	09/26/25
1,2-Dichloroethane	ND		ug/L	0.5	0.1	09/26/25	09/26/25
Benzene	ND		ug/L	0.5	0.03	09/26/25	09/26/25
Trichloroethene	ND		ug/L	0.5	0.05	09/26/25	09/26/25
Tetrachloroethene	ND		ug/L	0.5	0.1	09/26/25	09/26/25
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	09/26/25	09/26/25
Surrogates	Limits						
Dibromofluoromethane	102%		%REC	70-130		09/26/25	09/26/25
1,2-Dichloroethane-d4	105%		%REC	70-130		09/26/25	09/26/25
Toluene-d8	97%		%REC	70-130		09/26/25	09/26/25
Bromofluorobenzene	99%		%REC	70-130		09/26/25	09/26/25

Type: Matrix Spike	Lab ID: QC1297319	Batch: 382964
Matrix (Source ID): Water (542832-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1297319 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	96.25	0.3218	100.0	ug/L	96%		62-131	5
MTBE	110.6	0.2309	100.0	ug/L	110%		61-124	5
Benzene	102.4	0.03368	100.0	ug/L	102%		70-123	5
Trichloroethene	141.0	11.63	100.0	ug/L	129%		65-131	5
Toluene	96.96	ND	100.0	ug/L	97%		69-120	5
Chlorobenzene	99.53	ND	100.0	ug/L	100%		72-121	5
Surrogates								
Dibromofluoromethane	248.0		250.0	ug/L	99%		70-130	5
1,2-Dichloroethane-d4	253.1		250.0	ug/L	101%		70-130	5
Toluene-d8	245.7		250.0	ug/L	98%		70-130	5
Bromofluorobenzene	247.4		250.0	ug/L	99%		70-130	5

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1297320	Batch: 382964
Matrix (Source ID): Water (542832-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1297320 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	66.69	0.3218	100.0	ug/L	66%		62-131	36*	31	5
MTBE	81.09	0.2309	100.0	ug/L	81%		61-124	31*	30	5
Benzene	69.92	0.03368	100.0	ug/L	70%		70-123	38*	31	5
Trichloroethene	111.8	11.63	100.0	ug/L	100%		65-131	23	31	5
Toluene	68.48	ND	100.0	ug/L	68%	*	69-120	34*	29	5
Chlorobenzene	71.21	ND	100.0	ug/L	71%	*	72-121	33*	29	5
Surrogates										
Dibromofluoromethane	252.1		250.0	ug/L	101%		70-130			5
1,2-Dichloroethane-d4	257.8		250.0	ug/L	103%		70-130			5
Toluene-d8	246.9		250.0	ug/L	99%		70-130			5
Bromofluorobenzene	246.4		250.0	ug/L	99%		70-130			5

Type: Blank	Lab ID: QC1294815	Batch: 382258
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1294815 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.87	09/18/25	09/18/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		09/18/25	09/18/25

Type: Lab Control Sample	Lab ID: QC1294816	Batch: 382258
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1294816 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	9.638	10.00	ug/L	96%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	9.919	10.00	ug/L	99%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1294817	Batch: 382258
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1294817 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	9.663	10.00	ug/L	97%		79-120	0	20
Surrogates								
1,4-Dioxane-d8 (SUR)	9.985	10.00	ug/L	100%		80-120		

Type: Blank	Lab ID: QC1295022	Batch: 382319
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1295022 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		09/18/25	09/18/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1295023	Batch: 382319
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1295023 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1295024	Batch: 382319
Matrix (Source ID): Water (542252-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1295024 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1295025	Batch: 382319
Matrix (Source ID): Water (542252-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1295025 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	0	20	1

Type: Blank	Lab ID: QC1295038	Batch: 382325
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1295038 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.49	09/18/25	09/18/25

Type: Lab Control Sample	Lab ID: QC1295039	Batch: 382325
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1295039 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	22.62	25.00	mg/L	90%		85-115

Type: Matrix Spike	Lab ID: QC1295040	Batch: 382325
Matrix (Source ID): Water (542431-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1295040 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	42,940	30020	12500	mg/L	103%		75-125	500

Type: Matrix Spike Duplicate	Lab ID: QC1295041	Batch: 382325
Matrix (Source ID): Water (542431-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1295041 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Total Organic Carbon	43,260	30020	12500	mg/L	106%		75-125	1	25	500

Batch QC

Type: Blank	Lab ID: QC1295305	Batch: 382404
Matrix: Drinking Water	Method: SM2320B	Prep Method: METHOD

QC1295305 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		09/19/25	09/19/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		09/19/25	09/19/25

Type: Lab Control Sample	Lab ID: QC1295306	Batch: 382404
Matrix: Drinking Water	Method: SM2320B	Prep Method: METHOD

QC1295306 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	995.1	1000	mg/L	100%		90-110

Type: Sample Duplicate	Lab ID: QC1295307	Batch: 382404
Matrix (Source ID): Water (542372-005)	Method: SM2320B	Prep Method: METHOD

QC1295307 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	450.3	447.8	mg/L		1	20	2.5
Alkalinity, Total as CaCO ₃	450.3	447.8	mg/L		1	20	2.5

Type: Blank	Lab ID: QC1294886	Batch: 382289
Matrix: Drinking Water	Method: SM2540C	Prep Method: METHOD

QC1294886 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	10		09/18/25	09/22/25

Type: Lab Control Sample	Lab ID: QC1294887	Batch: 382289
Matrix: Drinking Water	Method: SM2540C	Prep Method: METHOD

QC1294887 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,027	1000	mg/L	103%		90-110

Type: Sample Duplicate	Lab ID: QC1294888	Batch: 382289
Matrix (Source ID): Water (542314-001)	Method: SM2540C	Prep Method: METHOD

QC1294888 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	906.0	956.0	mg/L		5	5	2

Type: Sample Duplicate	Lab ID: QC1294889	Batch: 382289
Matrix (Source ID): Water (542375-004)	Method: SM2540C	Prep Method: METHOD

QC1294889 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	1,000	982.0	mg/L		2	5	2

Batch QC

- * Value is outside QC limits
- J Estimated value
- ND Not Detected
- NM Not Meaningful

Laboratory Job Number 542252

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2509D19

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-542252

Project Location:

Project Received: 09/17/2025

Analytical Report reviewed & approved for release on 09/24/2025 by:

Yen Cao

Yen Cao

Project Manager

McC Campbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.





Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2509D19

Project: EO-542252

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit ¹
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit ²
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

¹ MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

² RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.



Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2509D19

Project: EO-542252

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	"Too Numerous to Count," greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Analytical Report

Client: Enthalpy Analytical
Date Received: 09/17/2025 9:45
Date Prepared: 09/22/2025
Project: EO-542252

WorkOrder: 2509D19
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-12	2509D19-001A	Water	09/16/2025 08:12	GC26 0922251004.D	326342

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	1400	50	50	1	09/22/2025 11:49

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-7	2509D19-002A	Water	09/16/2025 09:13	GC26 0922251005.D	326342

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	580	50	50	1	09/22/2025 13:05

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-18	2509D19-003A	Water	09/16/2025 10:11	GC26 0922251006.D	326342

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	3800	200	200	4	09/22/2025 13:32

Analyst(s): CLO

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 09/17/2025 9:45
Date Prepared: 09/22/2025
Project: EO-542252

WorkOrder: 2509D19
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-21	2509D19-004A	Water	09/16/2025 10:55	GC26 0922251007.D	326342

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	390	50	50	1	09/22/2025 13:45

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-31	2509D19-005A	Water	09/16/2025 12:17	GC26 0922251008.D	326342

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	38,000	2500	2500	50	09/22/2025 14:21

Analyst(s): CLO



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 09/22/2025
Date Analyzed: 09/22/2025
Instrument: GC26
Matrix: Water
Project: EO-542252

WorkOrder: 2509D19
BatchID: 326342
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-326342

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	130	150	187.2	71	78	70-130	8.90	30

McCampbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

☐ WaterTrax ☐ CLIP ☐ EDF

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2509D19

ClientCode: ENO

QuoteID: 252619

☐ EQuIS ☐ Dry-Weight ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag
☐ Detection Summary ☒ Excel [A1_Standard_QC]

Report to:

Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 079649
Project: EO-542252

Bill to:

Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT:

5 days;

Date Received: 09/17/2025

Date Logged: 09/18/2025

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2509D19-001	DW-12	Water	9/16/2025 08:12	☐	A	A										
2509D19-002	DW-7	Water	9/16/2025 09:13	☐	A	A										
2509D19-003	DW-18	Water	9/16/2025 10:11	☐	A	A										
2509D19-004	DW-21	Water	9/16/2025 10:55	☐	A	A										
2509D19-005	DW-31	Water	9/16/2025 12:17	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Agustina Venegas

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL

Project: EO-542252

Work Order: 2509D19

Client Contact: Zach Barker

QC Level: LEVEL 2

Contact's Email: zach.barker@enthalpy.com

Comments:

Date Logged: 9/18/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☒ Excel ☐ EQUIS ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-12	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/16/2025 8:12	5 days	9/24/2025	None	☐	☐
002A	DW-7	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/16/2025 9:13	5 days	9/24/2025	None	☐	☐
003A	DW-18	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/16/2025 10:11	5 days	9/24/2025	None	☐	☐
004A	DW-21	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/16/2025 10:55	5 days	9/24/2025	None	☐	☐
005A	DW-31	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/16/2025 12:17	5 days	9/24/2025	Present	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U** = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.



ENTHALPY
ANALYTICAL

2509D19
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:

McC Campbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-542252

PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT

Report Level: II

Report To: MDL

EDDs: Standard Excel
EDD

Notes:

--

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
✓ DW-12	16-SEP-2025 08:12	542252-001	✓	Water	RSK-175 CO2	
✓ DW-7	16-SEP-2025 09:13	542252-002	✓	Water	RSK-175 CO2	
✓ DW-18	16-SEP-2025 10:11	542252-003	✓	Water	RSK-175 CO2	
✓ DW-21	16-SEP-2025 10:55	542252-004	✓	Water	RSK-175 CO2	
✓ DW-31	16-SEP-2025 12:17	542252-005	✓	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	Date: 9/16/25 14:30	Date: 9/17/25 0945
	Date:	Date:
	Date:	Date:

*3 VIALS RECEIVED PER SAMPLE.

4.20 WET
1RA1

FEDEX: 884428478132



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-542252

Date and Time Received: 9/17/2025 09:45

Date Logged: 9/18/2025

Received by: Agustina Venegas

Logged by: Agustina Venegas

WorkOrder No: 2509D19 Matrix: Water
Carrier: FedEx

Chain of Custody (COC) Information

Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Sample IDs noted by Client on COC?	Yes ☒	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☒	No ☐	
Sampler's name noted on COC?	Yes ☐	No ☒	
COC agrees with Quote?	Yes ☒	No ☐	NA ☐
COC quote NOT expired?	Yes ☒	No ☐	NA ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	NA ☒
Shipping container/cooler in good condition?	Yes ☒	No ☐	
Samples in proper containers/bottles?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☒	No ☐	NA ☐
Samples Received on Ice?	Yes ☒	No ☐	

(Ice Type: WET ICE)

Sample/Temp Blank temperature	Temp: 4.2°C	NA ☐	
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☒	No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☒	No ☐	
pH acceptable upon receipt (Metal: <2)?	Yes ☐	No ☐	NA ☒

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐	No ☐	NA ☒
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7)?	Yes ☐	No ☐	NA ☒

Comments:



Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 542337
Report Level : II
Report Date : 10/02/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill

Authorized for release by:

Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197



Sample Summary

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo
Drive
Castaic, CA 91384

Lab Job #: 542337
Project No: GW MONITORING
Location: Chiquita Canyon Landfill
Date Received: 09/17/25

Sample ID	Lab ID	Collected	Matrix
DW-1	542337-001	09/17/25 08:09	Water
DW-15	542337-002	09/17/25 08:55	Water
DW-16	542337-003	09/17/25 09:52	Water
DW-3	542337-004	09/17/25 11:00	Water
QCFB	542337-005	09/17/25 11:02	Water
QCTB	542337-006	09/17/25 00:00	Water

Case Narrative

Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384
Steve Cassulo

Lab Job Number: 542337
Project No: GW MONITORING
Location: Chiquita Canyon
Landfill
Date Received: 09/17/25

This data package contains sample and QC results for six water samples, requested for the above referenced project on 09/18/25. The samples were received in good condition.

Volatile Organics by GC/MS (EPA 8260B):

No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):

No analytical problems were encountered.

Metals (EPA 6010B):

No analytical problems were encountered.

Ion Chromatography (EPA 300.0):

- Nitrogen, nitrate was analyzed outside of hold time; affected data was qualified with "H".
- No other analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):

No analytical problems were encountered.

Alkalinity (SM2320B):

No analytical problems were encountered.

Sulfide (SM 4500-S2-D):

No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):

No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):

No analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):

- Low recovery was observed for ammonia-N in the MS of DW-1 (lab # 542337-001); the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

RSK-175 CO2 (RSK-175):

McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.

INITIALLY

Date Received: 9/17/25 WO# 37233X Client: Chiriquita Canyon (and 1/2) FIN 10/1/25

Are custody seals present? ☐ Yes ☒ No

Shipping Info: walk-in

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

Cooler Temp (°C) #1: 12.4 / 16.2 #2: / #3: / #4: / #5: / #6: /

☒ No microbiology samples submitted (skip 3b)

☐ Adequate headspace for microbiology analysis.

☒ No air samples submitted (skip 3c)

Section 4: Containers / Labels / Samples

Section 4: Containers / Labels / Samples		YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X			
2) Is the sampler's name present on the CoC?	X			
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X			
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	X			
5) Were all of, and only, the correct samples received?	X			
6) Are sample labels present, legible, and in agreement with the CoC?	X			
7) Does the container count match the CoC?	X			
8) Was sufficient sample volume / mass received for the analyses requested?	X			
9) Were samples received in proper containers for the analyses requested?	X			
10) Were samples received with > 1/2 holding time remaining?	X			
11) Are samples properly preserved as indicated by CoC / labels?	X			
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			X	
13) Are VOA vials free from headspace/bubbles > 6mm?			X	

☐ PM notified

Date Labeled 7/1/17 By (print) _____

(sign)

ENTHALPY

Date Received: 9/18/25 WO# 542337 Client: WASTECONNECTIONS

Are custody seals present? ☐ Yes ☒ No

☒ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info:

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

Cooler Temp (°C) #1: 2.4 / 2.4 #2: / #3: / #4: / #5: / #6: /

☐ No microbiology samples submitted (skip 3b)

☐ Adequate headspace for microbiology analysis.

☐ No air samples submitted (skip 3c)☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

YES	NO	N/A
-----	----	-----

1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)			X
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			X
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

(If no comments are made, then no discrepancies noted.)

[illegible]☐ No additional discrepancies

(sign) $A \times T$

(sign) $A \times T$

Analysis Results for 542337

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 542337
Project No: GW MONITORING
Location: Chiquita Canyon Landfill
Date Received: 09/17/25

Sample ID: DW-1

Lab ID: 542337-001

Collected: 09/17/25 08:09

Matrix: Water

542337-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.88		mg/L	0.20	0.073	1	382322	09/18/25 20:30	09/19/25 08:13	KUM
Chloride	110		mg/L	1.0	0.27	1	382322	09/18/25 20:30	09/19/25 08:13	KUM
Bromide	0.22	J	mg/L	0.30	0.060	1	382322	09/18/25 20:30	09/19/25 08:13	KUM
Nitrogen, Nitrate	ND	H	mg/L	0.10	0.05	1	382322	09/18/25 20:30	09/19/25 08:13	KUM
Sulfate	350		mg/L	10	1.8	10	382322	09/18/25 20:30	09/19/25 09:37	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382894	09/25/25	09/29/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	382560	09/22/25	09/22/25	RDL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.23		mg/L	0.050	0.0055	1	382371	09/19/25	09/19/25	SBW
Calcium	58		mg/L	1.0	0.57	1	382371	09/19/25	09/19/25	SBW
Iron	0.075	J	mg/L	0.10	0.046	1	382371	09/19/25	09/19/25	SBW
Magnesium	11		mg/L	0.10	0.025	1	382371	09/19/25	09/19/25	SBW
Manganese	0.045		mg/L	0.010	0.0029	1	382371	09/19/25	09/19/25	SBW
Potassium	2.5		mg/L	0.50	0.40	1	382371	09/19/25	09/19/25	SBW
Sodium	230		mg/L	0.60	0.35	1	382371	09/19/25	09/19/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.2	1	382436	09/19/25	09/19/25	LYZ
Chloromethane	ND		ug/L	1.0	0.09	1	382436	09/19/25	09/19/25	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.1	1	382436	09/19/25	09/19/25	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	382436	09/19/25	09/19/25	LYZ
Methylene Chloride	ND		ug/L	10	0.2	1	382436	09/19/25	09/19/25	LYZ
1,1-Dichloroethane	0.1	J	ug/L	0.5	0.09	1	382436	09/19/25	09/19/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	382436	09/19/25	09/19/25	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	382436	09/19/25	09/19/25	LYZ
Benzene	ND		ug/L	0.5	0.1	1	382436	09/19/25	09/19/25	LYZ
Trichloroethene	ND		ug/L	0.5	0.1	1	382436	09/19/25	09/19/25	LYZ
Tetrachloroethene	0.3	J	ug/L	0.5	0.2	1	382436	09/19/25	09/19/25	LYZ
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	382436	09/19/25	09/19/25	LYZ
Surrogates										
				Limits						
Dibromofluoromethane	100%		%REC	70-130		1	382436	09/19/25	09/19/25	LYZ
1,2-Dichloroethane-d4	100%		%REC	70-130		1	382436	09/19/25	09/19/25	LYZ
Toluene-d8	96%		%REC	70-130		1	382436	09/19/25	09/19/25	LYZ
Bromofluorobenzene	108%		%REC	70-130		1	382436	09/19/25	09/19/25	LYZ

Analysis Results for 542337

542337-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8270C-SIM										
Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	382415	09/19/25	09/21/25	TJW
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	98%		%REC	80-120		1	382415	09/19/25	09/21/25	TJW
Method: SM 4500-S2-D										
Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382564	09/22/25	09/22/25	LVL
Method: SM 5310B										
Prep Method: SM 5310B										
Total Organic Carbon	2.0		mg/L	1.0	0.49	1	382325	09/18/25	09/19/25	ARM
Method: SM2320B										
Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	200		mg/L	5.0		2.5	382459	09/20/25	09/20/25	WWC
Alkalinity, Total as CaCO3	200		mg/L	5.0		2.5	382459	09/20/25	09/20/25	WWC
Method: SM2540C										
Prep Method: METHOD										
Total Dissolved Solids	940		mg/L	20		2	382333	09/18/25	09/22/25	AAB

Analysis Results for 542337

Sample ID: DW-15
Lab ID: 542337-002
Collected: 09/17/25 08:55
Matrix: Water

542337-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	ND		mg/L	0.20	0.073	1	382322	09/18/25 20:30	09/19/25 08:30	KUM
Chloride	73		mg/L	1.0	0.27	1	382322	09/18/25 20:30	09/19/25 08:30	KUM
Bromide	0.12	J	mg/L	0.30	0.060	1	382322	09/18/25 20:30	09/19/25 08:30	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	382322	09/18/25 20:30	09/19/25 08:30	KUM
Sulfate	1,400		mg/L	20	3.7	20	382322	09/18/25 20:30	09/19/25 09:54	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	0.097	J	mg/L	0.10	0.050	1	382894	09/25/25	09/29/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	382560	09/22/25	09/22/25	RDL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.23		mg/L	0.050	0.0055	1	382371	09/19/25	09/19/25	SBW
Calcium	260		mg/L	1.0	0.57	1	382371	09/19/25	09/19/25	SBW
Iron	0.95		mg/L	0.10	0.046	1	382371	09/19/25	09/19/25	SBW
Magnesium	35		mg/L	0.10	0.025	1	382371	09/19/25	09/19/25	SBW
Manganese	0.64		mg/L	0.010	0.0029	1	382371	09/19/25	09/19/25	SBW
Potassium	3.2		mg/L	0.50	0.40	1	382371	09/19/25	09/19/25	SBW
Sodium	430		mg/L	0.60	0.35	1	382371	09/19/25	09/19/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.2	1	382436	09/20/25	09/20/25	LYZ
Chloromethane	ND		ug/L	1.0	0.09	1	382436	09/20/25	09/20/25	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	LYZ
Methylene Chloride	ND		ug/L	10	0.2	1	382436	09/20/25	09/20/25	LYZ
1,1-Dichloroethane	ND		ug/L	0.5	0.09	1	382436	09/20/25	09/20/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	382436	09/20/25	09/20/25	LYZ
Benzene	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	LYZ
Trichloroethene	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	LYZ
Tetrachloroethene	ND		ug/L	0.5	0.2	1	382436	09/20/25	09/20/25	LYZ
1,4-Dichlorobenzene	0.3	J	ug/L	0.5	0.2	1	382436	09/20/25	09/20/25	LYZ
Surrogates										
			Limits							
Dibromofluoromethane	102%		%REC	70-130		1	382436	09/20/25	09/20/25	LYZ
1,2-Dichloroethane-d4	99%		%REC	70-130		1	382436	09/20/25	09/20/25	LYZ
Toluene-d8	104%		%REC	70-130		1	382436	09/20/25	09/20/25	LYZ
Bromofluorobenzene	101%		%REC	70-130		1	382436	09/20/25	09/20/25	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	382415	09/19/25	09/21/25	TJW
Surrogates										
			Limits							
1,4-Dioxane-d8 (SUR)	97%		%REC	80-120		1	382415	09/19/25	09/21/25	TJW

Analysis Results for 542337

542337-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382564	09/22/25	09/22/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.49	1	382325	09/18/25	09/19/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO ₃	220		mg/L	5.0		2.5	382459	09/20/25	09/20/25	WWC
Alkalinity, Total as CaCO ₃	220		mg/L	5.0		2.5	382459	09/20/25	09/20/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	2,500		mg/L	20		2	382333	09/18/25	09/22/25	AAB

Analysis Results for 542337

Sample ID: DW-16
Lab ID: 542337-003
Collected: 09/17/25 09:52
Matrix: Water

542337-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.46		mg/L	0.20	0.073	1	382322	09/18/25 20:30	09/19/25 08:47	KUM
Chloride	110		mg/L	1.0	0.27	1	382322	09/18/25 20:30	09/19/25 08:47	KUM
Bromide	0.18	J	mg/L	0.30	0.060	1	382322	09/18/25 20:30	09/19/25 08:47	KUM
Nitrogen, Nitrate	2.2		mg/L	0.10	0.05	1	382322	09/18/25 20:30	09/19/25 08:47	KUM
Sulfate	190		mg/L	10	1.8	10	382322	09/18/25 20:30	09/19/25 10:11	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382894	09/25/25	09/29/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	382560	09/22/25	09/22/25	RDL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.14		mg/L	0.050	0.0055	1	382371	09/19/25	09/19/25	SBW
Calcium	7.2		mg/L	1.0	0.57	1	382371	09/19/25	09/19/25	SBW
Iron	ND		mg/L	0.10	0.046	1	382371	09/19/25	09/19/25	SBW
Magnesium	0.41		mg/L	0.10	0.025	1	382371	09/19/25	09/19/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	382371	09/19/25	09/19/25	SBW
Potassium	0.98		mg/L	0.50	0.40	1	382371	09/19/25	09/19/25	SBW
Sodium	250		mg/L	0.60	0.35	1	382371	09/19/25	09/19/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.2	1	382436	09/20/25	09/20/25	LYZ
Chloromethane	0.2	J	ug/L	1.0	0.09	1	382436	09/20/25	09/20/25	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	LYZ
Methylene Chloride	0.4	J	ug/L	10	0.2	1	382436	09/20/25	09/20/25	LYZ
1,1-Dichloroethane	0.9		ug/L	0.5	0.09	1	382436	09/20/25	09/20/25	LYZ
cis-1,2-Dichloroethene	0.6		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	382436	09/20/25	09/20/25	LYZ
Benzene	0.2	J	ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	LYZ
Trichloroethene	0.6		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	LYZ
Tetrachloroethene	0.6		ug/L	0.5	0.2	1	382436	09/20/25	09/20/25	LYZ
1,4-Dichlorobenzene	0.2	J	ug/L	0.5	0.2	1	382436	09/20/25	09/20/25	LYZ
Surrogates										
Limits										
Dibromofluoromethane	101%		%REC	70-130		1	382436	09/20/25	09/20/25	LYZ
1,2-Dichloroethane-d4	99%		%REC	70-130		1	382436	09/20/25	09/20/25	LYZ
Toluene-d8	100%		%REC	70-130		1	382436	09/20/25	09/20/25	LYZ
Bromofluorobenzene	101%		%REC	70-130		1	382436	09/20/25	09/20/25	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	382415	09/19/25	09/21/25	TJW
Surrogates										
Limits										
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	382415	09/19/25	09/21/25	TJW

Analysis Results for 542337

542337-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382564	09/22/25	09/22/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	0.67	J	mg/L	1.0	0.49	1	382325	09/18/25	09/19/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO ₃	260		mg/L	5.0		2.5	382459	09/20/25	09/20/25	WWC
Alkalinity, Total as CaCO ₃	260		mg/L	5.0		2.5	382459	09/20/25	09/20/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	760		mg/L	20		2	382333	09/18/25	09/22/25	AAB

Analysis Results for 542337

Sample ID: DW-3
Lab ID: 542337-004
Collected: 09/17/25 11:00
Matrix: Water

542337-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.74		mg/L	0.20	0.073	1	382322	09/18/25 20:30	09/19/25 09:04	KUM
Chloride	53		mg/L	1.0	0.27	1	382322	09/18/25 20:30	09/19/25 09:04	KUM
Bromide	0.12	J	mg/L	0.30	0.060	1	382322	09/18/25 20:30	09/19/25 09:04	KUM
Nitrogen, Nitrate	1.9		mg/L	0.10	0.05	1	382322	09/18/25 20:30	09/19/25 09:04	KUM
Sulfate	100		mg/L	10	1.8	10	382322	09/18/25 20:30	09/19/25 11:02	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382894	09/25/25	09/29/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	382560	09/22/25	09/22/25	RDL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.28		mg/L	0.050	0.0055	1	382371	09/19/25	09/19/25	SBW
Calcium	36		mg/L	1.0	0.57	1	382371	09/19/25	09/19/25	SBW
Iron	ND		mg/L	0.10	0.046	1	382371	09/19/25	09/19/25	SBW
Magnesium	4.3		mg/L	0.10	0.025	1	382371	09/19/25	09/19/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	382371	09/19/25	09/19/25	SBW
Potassium	1.8		mg/L	0.50	0.40	1	382371	09/19/25	09/19/25	SBW
Sodium	120		mg/L	0.60	0.35	1	382371	09/19/25	09/19/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	3.0		ug/L	1.0	0.2	1	382436	09/20/25	09/20/25	ZST
Chloromethane	ND		ug/L	1.0	0.09	1	382436	09/20/25	09/20/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	ZST
Methylene Chloride	ND		ug/L	10	0.2	1	382436	09/20/25	09/20/25	ZST
1,1-Dichloroethane	0.2	J	ug/L	0.5	0.09	1	382436	09/20/25	09/20/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	382436	09/20/25	09/20/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	ZST
Tetrachloroethene	0.8		ug/L	0.5	0.2	1	382436	09/20/25	09/20/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	382436	09/20/25	09/20/25	ZST
Surrogates										
Limits										
Dibromofluoromethane	100%		%REC	70-130		1	382436	09/20/25	09/20/25	ZST
1,2-Dichloroethane-d4	91%		%REC	70-130		1	382436	09/20/25	09/20/25	ZST
Toluene-d8	101%		%REC	70-130		1	382436	09/20/25	09/20/25	ZST
Bromofluorobenzene	103%		%REC	70-130		1	382436	09/20/25	09/20/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	382415	09/19/25	09/21/25	TJW
Surrogates										
Limits										
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	382415	09/19/25	09/21/25	TJW

Analysis Results for 542337

542337-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382564	09/22/25	09/22/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	1.2		mg/L	1.0	0.49	1	382325	09/18/25	09/19/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO ₃	210		mg/L	5.0		2.5	382459	09/20/25	09/20/25	WWC
Alkalinity, Total as CaCO ₃	210		mg/L	5.0		2.5	382459	09/20/25	09/20/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	520		mg/L	20		2	382333	09/18/25	09/22/25	AAB

Sample ID: QCFB

Lab ID: 542337-005

Collected: 09/17/25 11:02

Matrix: Water

542337-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.2	1	382436	09/20/25	09/20/25	LYZ
Chloromethane	0.4	J	ug/L	1.0	0.09	1	382436	09/20/25	09/20/25	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	LYZ
Methylene Chloride	0.6	J	ug/L	10	0.2	1	382436	09/20/25	09/20/25	LYZ
1,1-Dichloroethane	ND		ug/L	0.5	0.09	1	382436	09/20/25	09/20/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	382436	09/20/25	09/20/25	LYZ
Benzene	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	LYZ
Trichloroethene	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	LYZ
Tetrachloroethene	ND		ug/L	0.5	0.2	1	382436	09/20/25	09/20/25	LYZ
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	382436	09/20/25	09/20/25	LYZ
Surrogates			Limits							
Dibromofluoromethane	103%		%REC	70-130		1	382436	09/20/25	09/20/25	LYZ
1,2-Dichloroethane-d4	100%		%REC	70-130		1	382436	09/20/25	09/20/25	LYZ
Toluene-d8	106%		%REC	70-130		1	382436	09/20/25	09/20/25	LYZ
Bromofluorobenzene	103%		%REC	70-130		1	382436	09/20/25	09/20/25	LYZ

Analysis Results for 542337

Sample ID: QCTB	Lab ID: 542337-006	Collected: 09/17/25
	Matrix: Water	

542337-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.2	1	382436	09/20/25	09/20/25	ZST
Chloromethane	ND		ug/L	1.0	0.09	1	382436	09/20/25	09/20/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	ZST
Methylene Chloride	0.6	J	ug/L	10	0.2	1	382436	09/20/25	09/20/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.09	1	382436	09/20/25	09/20/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	382436	09/20/25	09/20/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.2	1	382436	09/20/25	09/20/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	382436	09/20/25	09/20/25	ZST
Surrogates				Limits						
Dibromofluoromethane	102%		%REC	70-130		1	382436	09/20/25	09/20/25	ZST
1,2-Dichloroethane-d4	101%		%REC	70-130		1	382436	09/20/25	09/20/25	ZST
Toluene-d8	97%		%REC	70-130		1	382436	09/20/25	09/20/25	ZST
Bromofluorobenzene	102%		%REC	70-130		1	382436	09/20/25	09/20/25	ZST

H Holding time was exceeded
J Estimated value
ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1295026	Batch: 382322
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1295026 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	09/18/25 20:30	09/19/25 04:17
Chloride	ND		mg/L	1.0	0.27	09/18/25 20:30	09/19/25 04:17
Bromide	ND		mg/L	0.30	0.060	09/18/25 20:30	09/19/25 04:17
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	09/18/25 20:30	09/19/25 04:17
Sulfate	ND		mg/L	1.0	0.18	09/18/25 20:30	09/19/25 04:17

Type: Lab Control Sample	Lab ID: QC1295027	Batch: 382322
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1295027 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	10.48	10.00	mg/L	105%		90-110
Chloride	45.55	50.00	mg/L	91%		90-110
Bromide	13.86	15.00	mg/L	92%		90-110
Nitrogen, Nitrate	4.337	4.518	mg/L	96%		90-110
Sulfate	24.40	25.00	mg/L	98%		90-110

Type: Matrix Spike	Lab ID: QC1295030	Batch: 382322
Matrix (Source ID): Water (542478-001)	Method: EPA 300.0	Prep Method: METHOD

QC1295030 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	25.34	0.09340	20.00	mg/L	126%		80-129	1
Chloride	165.1	50.12	100.0	mg/L	115%		80-123	1
Bromide	15.38	0.2644	15.00	mg/L	101%		80-121	1
Nitrogen, Nitrate	17.05	7.782	9.036	mg/L	103%		80-123	1
Sulfate	310.8	280.3	50.00	mg/L	61%	E,NM	79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1295031	Batch: 382322
Matrix (Source ID): Water (542478-001)	Method: EPA 300.0	Prep Method: METHOD

QC1295031 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	23.32	0.09340	20.00	mg/L	116%		80-129	8	21	1
Chloride	157.1	50.12	100.0	mg/L	107%		80-123	5	20	1
Bromide	14.32	0.2644	15.00	mg/L	94%		80-121	7	20	1
Nitrogen, Nitrate	16.40	7.782	9.036	mg/L	95%		80-123	4	20	1
Sulfate	308.0	280.3	50.00	mg/L	55%	E,NM	79-124		20	1

Batch QC

Type: Matrix Spike	Lab ID: QC1295057	Batch: 382322
Matrix (Source ID): Water (542490-001)	Method: EPA 300.0	Prep Method: METHOD

QC1295057 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	19.23	ND	20.00	mg/L	96%		80-129	1
Chloride	112.9	11.34	100.0	mg/L	102%		80-123	1
Bromide	13.65	0.06979	15.00	mg/L	91%		80-121	1
Nitrogen, Nitrate	12.11	3.562	9.036	mg/L	95%		80-123	1
Sulfate	90.69	43.39	50.00	mg/L	95%		79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1295058	Batch: 382322
Matrix (Source ID): Water (542490-001)	Method: EPA 300.0	Prep Method: METHOD

QC1295058 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	19.21	ND	20.00	mg/L	96%		80-129	0	21	1
Chloride	112.8	11.34	100.0	mg/L	101%		80-123	0	20	1
Bromide	13.66	0.06979	15.00	mg/L	91%		80-121	0	20	1
Nitrogen, Nitrate	12.12	3.562	9.036	mg/L	95%		80-123	0	20	1
Sulfate	90.65	43.39	50.00	mg/L	95%		79-124	0	20	1

Type: Blank	Lab ID: QC1296989	Batch: 382894
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1296989 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	09/25/25	09/29/25

Type: Lab Control Sample	Lab ID: QC1296990	Batch: 382894
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1296990 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9883	1.000	mg/L	99%		90-110

Type: Matrix Spike	Lab ID: QC1296991	Batch: 382894
Matrix (Source ID): Water (542337-001)	Method: EPA 350.1	Prep Method: METHOD

QC1296991 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.8854	ND	1.000	mg/L	89%	*	90-110	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1296992	Batch: 382894
Matrix (Source ID): Water (542337-001)	Method: EPA 350.1	Prep Method: METHOD

QC1296992 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.003	ND	1.000	mg/L	100%		90-110	12	20	1

Type: Matrix Spike	Lab ID: QC1296993	Batch: 382894
Matrix (Source ID): Water (542337-002)	Method: EPA 350.1	Prep Method: METHOD

QC1296993 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.091	0.09666	1.000	mg/L	99%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1296994	Batch: 382894
Matrix (Source ID): Water (542337-002)	Method: EPA 350.1	Prep Method: METHOD

QC1296994 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.174	0.09666	1.000	mg/L	108%		90-110	7	20	1

Type: Blank	Lab ID: QC1295844	Batch: 382560
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1295844 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	09/22/25	09/22/25

Type: Lab Control Sample	Lab ID: QC1295845	Batch: 382560
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1295845 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	93.00	100.0	mg/L	93%		90-110

Type: Matrix Spike	Lab ID: QC1295846	Batch: 382560
Matrix (Source ID): Water (542337-001)	Method: EPA 410.4	Prep Method: METHOD

QC1295846 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	90.00	ND	100.0	mg/L	90%		75-125	2

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1295847	Batch: 382560
Matrix (Source ID): Water (542337-001)	Method: EPA 410.4	Prep Method: METHOD

QC1295847 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	86.00	ND	100.0	mg/L	86%		75-125	5	20	2

Type: Blank	Lab ID: QC1295234	Batch: 382371
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1295234 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	09/19/25	09/19/25
Calcium	ND		mg/L	0.57	0.57	09/19/25	09/19/25
Iron	ND		mg/L	0.046	0.046	09/19/25	09/19/25
Magnesium	ND		mg/L	0.10	0.025	09/19/25	09/19/25
Manganese	ND		mg/L	0.010	0.0029	09/19/25	09/19/25
Potassium	ND		mg/L	0.50	0.40	09/19/25	09/19/25
Sodium	ND		mg/L	0.50	0.35	09/19/25	09/19/25

Type: Lab Control Sample	Lab ID: QC1295235	Batch: 382371
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1295235 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3383	0.4000	mg/L	85%		80-120
Calcium	17.58	20.40	mg/L	86%		80-120
Iron	0.3403	0.4000	mg/L	85%		80-120
Magnesium	17.89	20.40	mg/L	88%		80-120
Manganese	0.3408	0.4000	mg/L	85%		80-120
Potassium	20.42	24.00	mg/L	85%		80-120
Sodium	17.38	20.40	mg/L	85%		80-120

Type: Matrix Spike	Lab ID: QC1295236	Batch: 382371
Matrix (Source ID): Water (542143-004)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1295236 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.5843	0.2028	0.4000	mg/L	95%		75-125	1
Calcium	57.57	37.20	20.40	mg/L	100%		75-125	1
Iron	0.6955	0.3150	0.4000	mg/L	95%		75-125	1
Magnesium	25.92	5.880	20.40	mg/L	98%		75-125	1
Manganese	0.4065	0.03293	0.4000	mg/L	93%		75-125	1
Potassium	24.84	1.577	24.00	mg/L	97%		75-125	1
Sodium	217.8	192.0	20.40	mg/L	126%	NM	75-125	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1295237	Batch: 382371
Matrix (Source ID): Water (542143-004)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1295237 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.5905	0.2028	0.4000	mg/L	97%		75-125	1	20	1
Calcium	56.38	37.20	20.40	mg/L	94%		75-125	2	20	1
Iron	0.7023	0.3150	0.4000	mg/L	97%		75-125	1	22	1
Magnesium	24.79	5.880	20.40	mg/L	93%		75-125	4	20	1
Manganese	0.4077	0.03293	0.4000	mg/L	94%		75-125	0	20	1
Potassium	23.61	1.577	24.00	mg/L	92%		75-125	5	20	1
Sodium	215.5	192.0	20.40	mg/L	115%	NM	75-125	1	20	1

Type: Serial Dilution	Lab ID: QC1295259	Batch: 382371
Matrix (Source ID): Water (542143-004)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1295259 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	0.2115	0.2028	mg/L	J			5
Calcium	39.33	37.20	mg/L				5
Iron	0.3350	0.3150	mg/L				5
Magnesium	6.227	5.880	mg/L				5
Manganese	0.03533	0.03293	mg/L	J			5
Potassium	ND	1.577	mg/L				5
Sodium	202.8	192.0	mg/L				5

Type: Lab Control Sample	Lab ID: QC1295398	Batch: 382436
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1295398 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	43.02	50.00	ug/L	86%		69-128
MTBE	41.80	50.00	ug/L	84%		66-125
Benzene	45.77	50.00	ug/L	92%		76-121
Trichloroethene	45.21	50.00	ug/L	90%		76-124
Toluene	45.46	50.00	ug/L	91%		76-120
Chlorobenzene	45.58	50.00	ug/L	91%		78-120
Surrogates						
Dibromofluoromethane	48.78	50.00	ug/L	98%		70-130
1,2-Dichloroethane-d4	48.63	50.00	ug/L	97%		70-130
Toluene-d8	50.37	50.00	ug/L	101%		70-130
Bromofluorobenzene	48.68	50.00	ug/L	97%		70-130

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1295399	Batch: 382436
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1295399 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	51.19	50.00	ug/L	102%		69-128	17	23
MTBE	49.68	50.00	ug/L	99%		66-125	17	22
Benzene	52.63	50.00	ug/L	105%		76-121	14	21
Trichloroethene	49.78	50.00	ug/L	100%		76-124	10	22
Toluene	49.89	50.00	ug/L	100%		76-120	9	21
Chlorobenzene	52.71	50.00	ug/L	105%		78-120	15	20
Surrogates								
Dibromofluoromethane	48.52	50.00	ug/L	97%		70-130		
1,2-Dichloroethane-d4	47.91	50.00	ug/L	96%		70-130		
Toluene-d8	48.90	50.00	ug/L	98%		70-130		
Bromofluorobenzene	54.71	50.00	ug/L	109%		70-130		

Type: Matrix Spike	Lab ID: QC1295408	Batch: 382436
Matrix (Source ID): Water (542337-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1295408 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	19.33	ND	20.00	ug/L	97%		62-131	1
MTBE	18.50	ND	20.00	ug/L	93%		61-124	1
Benzene	19.73	ND	20.00	ug/L	99%		70-123	1
Trichloroethene	20.20	ND	20.00	ug/L	101%		65-131	1
Toluene	19.65	ND	20.00	ug/L	98%		69-120	1
Chlorobenzene	19.50	ND	20.00	ug/L	97%		72-121	1
Surrogates								
Dibromofluoromethane	48.19		50.00	ug/L	96%		70-130	1
1,2-Dichloroethane-d4	49.79		50.00	ug/L	100%		70-130	1
Toluene-d8	50.54		50.00	ug/L	101%		70-130	1
Bromofluorobenzene	50.76		50.00	ug/L	102%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1295409	Batch: 382436
Matrix (Source ID): Water (542337-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1295409 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	21.12	ND	20.00	ug/L	106%		62-131	9	31	1
MTBE	18.48	ND	20.00	ug/L	92%		61-124	0	30	1
Benzene	21.01	ND	20.00	ug/L	105%		70-123	6	31	1
Trichloroethene	22.06	ND	20.00	ug/L	110%		65-131	9	31	1
Toluene	21.26	ND	20.00	ug/L	106%		69-120	8	29	1
Chlorobenzene	20.91	ND	20.00	ug/L	105%		72-121	7	29	1
Surrogates										
Dibromofluoromethane	49.85		50.00	ug/L	100%		70-130			1
1,2-Dichloroethane-d4	49.47		50.00	ug/L	99%		70-130			1
Toluene-d8	51.39		50.00	ug/L	103%		70-130			1
Bromofluorobenzene	49.91		50.00	ug/L	100%		70-130			1

Type: Blank	Lab ID: QC1295410	Batch: 382436
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1295410 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/L	1.0	0.2	09/19/25	09/19/25
Chloromethane	ND		ug/L	1.0	0.09	09/19/25	09/19/25
Vinyl Chloride	ND		ug/L	0.5	0.1	09/19/25	09/19/25
1,1-Dichloroethene	ND		ug/L	0.5	0.1	09/19/25	09/19/25
Methylene Chloride	ND		ug/L	10	0.2	09/19/25	09/19/25
1,1-Dichloroethane	ND		ug/L	0.5	0.09	09/19/25	09/19/25
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	09/19/25	09/19/25
1,2-Dichloroethane	ND		ug/L	0.5	0.2	09/19/25	09/19/25
Benzene	ND		ug/L	0.5	0.1	09/19/25	09/19/25
Trichloroethene	ND		ug/L	0.5	0.1	09/19/25	09/19/25
Tetrachloroethene	ND		ug/L	0.5	0.2	09/19/25	09/19/25
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	09/19/25	09/19/25
Surrogates				Limits			
Dibromofluoromethane	99%		%REC	70-130		09/19/25	09/19/25
1,2-Dichloroethane-d4	98%		%REC	70-130		09/19/25	09/19/25
Toluene-d8	102%		%REC	70-130		09/19/25	09/19/25
Bromofluorobenzene	94%		%REC	70-130		09/19/25	09/19/25

Type: Blank	Lab ID: QC1295341	Batch: 382415
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1295341 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.87	09/19/25	09/21/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		09/19/25	09/21/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1295342	Batch: 382415
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1295342 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	10.06	10.00	ug/L	101%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	9.976	10.00	ug/L	100%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1295343	Batch: 382415
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1295343 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	10.09	10.00	ug/L	101%		79-120	0	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.07	10.00	ug/L	101%		80-120		

Type: Blank	Lab ID: QC1295857	Batch: 382564
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1295857 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		09/22/25	09/22/25

Type: Lab Control Sample	Lab ID: QC1295858	Batch: 382564
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1295858 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1296160	Batch: 382564
Matrix (Source ID): Water (542560-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1296160 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1296161	Batch: 382564
Matrix (Source ID): Water (542560-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1296161 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	0	20	1

Batch QC

Type: Blank	Lab ID: QC1295038	Batch: 382325
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1295038 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.49	09/18/25	09/18/25

Type: Lab Control Sample	Lab ID: QC1295039	Batch: 382325
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1295039 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	22.62	25.00	mg/L	90%		85-115

Type: Matrix Spike	Lab ID: QC1295040	Batch: 382325
Matrix (Source ID): Water (542431-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1295040 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	42,940	30020	12500	mg/L	103%		75-125	500

Type: Matrix Spike Duplicate	Lab ID: QC1295041	Batch: 382325
Matrix (Source ID): Water (542431-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1295041 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Total Organic Carbon	43,260	30020	12500	mg/L	106%		75-125	1	25	500

Type: Blank	Lab ID: QC1295509	Batch: 382459
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1295509 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		09/20/25	09/20/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		09/20/25	09/20/25

Type: Lab Control Sample	Lab ID: QC1295510	Batch: 382459
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1295510 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	1,057	1000	mg/L	106%		90-110

Type: Sample Duplicate	Lab ID: QC1295511	Batch: 382459
Matrix (Source ID): Water (542522-002)	Method: SM2320B	Prep Method: METHOD

QC1295511 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	622.6	616.4	mg/L		1	20	5
Alkalinity, Total as CaCO ₃	622.6	616.4	mg/L		1	20	5

Batch QC

Type: Blank	Lab ID: QC1295068	Batch: 382333
Matrix: Drinking Water	Method: SM2540C	Prep Method: METHOD

QC1295068 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		09/18/25	09/22/25

Type: Lab Control Sample	Lab ID: QC1295069	Batch: 382333
Matrix: Drinking Water	Method: SM2540C	Prep Method: METHOD

QC1295069 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,046	1000	mg/L	105%		90-110

Type: Sample Duplicate	Lab ID: QC1295070	Batch: 382333
Matrix (Source ID): Water (542337-001)	Method: SM2540C	Prep Method: METHOD

QC1295070 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	954.0	944.0	mg/L		1	5	2

Type: Sample Duplicate	Lab ID: QC1295071	Batch: 382333
Matrix (Source ID): Water (542372-005)	Method: SM2540C	Prep Method: METHOD

QC1295071 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	2,204	2224	mg/L		1	5	2

* Value is outside QC limits
 E Response exceeds instrument's linear range
 J Estimated value
 ND Not Detected
 NM Not Meaningful

Laboratory Job Number 542337

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2509D98

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-542337

Project Location:

Project Received: 09/18/2025

Analytical Report reviewed & approved for release on 09/25/2025 by:

Yen Cao

Yen Cao

Project Manager

McC Campbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.





Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2509D98

Project: EO-542337

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit ¹
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit ²
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

¹ MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

² RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.



Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2509D98

Project: EO-542337

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	"Too Numerous to Count," greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Analytical Report

Client: Enthalpy Analytical
Date Received: 09/18/2025 9:46
Date Prepared: 09/22/2025
Project: EO-542337

WorkOrder: 2509D98
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-1	2509D98-001A	Water	09/17/2025 08:09	GC26 0922251009.D	326342

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	2500	100	100	2	09/22/2025 15:12

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-15	2509D98-002A	Water	09/17/2025 08:55	GC26 0922251010.D	326342

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	14,000	500	500	10	09/22/2025 15:57

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-16	2509D98-003A	Water	09/17/2025 09:52	GC26 0922251011.D	326342

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	1400	50	50	1	09/22/2025 16:32

Analyst(s): CLO

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 09/18/2025 9:46
Date Prepared: 09/22/2025
Project: EO-542337

WorkOrder: 2509D98
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-3	2509D98-004A	Water	09/17/2025 11:00	GC26 0922251012.D	326342

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	2900	100	100	2	09/22/2025 17:29

Analyst(s): CLO



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 09/22/2025
Date Analyzed: 09/22/2025
Instrument: GC26
Matrix: Water
Project: EO-542337

WorkOrder: 2509D98
BatchID: 326342
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-326342

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	130	150	187.2	71	78	70-130	8.90	30

McCampbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

☐ WaterTrax ☐ CLIP ☐ EDF

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2509D98

ClientCode: ENO

QuoteID: 252619

☐ EQuIS ☐ Dry-Weight ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag
☐ Detection Summary ☒ Excel [A1_Standard_QC]

Report to:

Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 054515
Project: EO-542337

Bill to:

Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT:

5 days;

Date Received: 09/18/2025

Date Logged: 09/19/2025

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2509D98-001	DW-1	Water	9/17/2025 08:09	☐	A	A										
2509D98-002	DW-15	Water	9/17/2025 08:55	☐	A	A										
2509D98-003	DW-16	Water	9/17/2025 09:52	☐	A	A										
2509D98-004	DW-3	Water	9/17/2025 11:00	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Agustina Venegas

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL

Project: EO-542337

Work Order: 2509D98

Client Contact: Zach Barker

QC Level: LEVEL 2

Contact's Email: zach.barker@enthalpy.com

Comments:

Date Logged: 9/19/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☒ Excel ☐ EQUIS ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-1	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/17/2025 8:09	5 days	9/25/2025	None	☐	☐
002A	DW-15	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/17/2025 8:55	5 days	9/25/2025	Present	☐	☐
003A	DW-16	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/17/2025 9:52	5 days	9/25/2025	None	☐	☐
004A	DW-3	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/17/2025 11:00	5 days	9/25/2025	None	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U** = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.



2509D98
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:

McC Campbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-542337

PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel
EDD

Notes:

--

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
✓ DW-1	17-SEP-2025 08:09	542337-001	✓	Water	RSK-175 CO2	
+ DW-15	17-SEP-2025 08:55	542337-002	✓	Water	RSK-175 CO2	
✓ DW-16	17-SEP-2025 09:52	542337-003	✓	Water	RSK-175 CO2	
✓ DW-3	17-SEP-2025 11:00	542337-004	✓	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	Date:	Date: <i>9/18/25 0946</i>
	Date:	Date:
	Date:	Date:

* 3 Vials received per sample.

1.0C wet
1P43



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-542337

Date and Time Received: 9/18/2025 09:46
Date Logged: 9/19/2025
Received by: Agustina Venegas
Logged by: Agustina Venegas

WorkOrder No: 2509D98 Matrix: Water
Carrier: Golden State Overnight

Chain of Custody (COC) Information

Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☐	No ☒	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Sample IDs noted by Client on COC?	Yes ☒	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☒	No ☐	
Sampler's name noted on COC?	Yes ☐	No ☒	
COC agrees with Quote?	Yes ☒	No ☐	NA ☐
COC quote NOT expired?	Yes ☒	No ☐	NA ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	NA ☒
Shipping container/cooler in good condition?	Yes ☒	No ☐	
Samples in proper containers/bottles?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☒	No ☐	NA ☐
Samples Received on Ice?	Yes ☒	No ☐	

(Ice Type: WET ICE)

Sample/Temp Blank temperature	Temp: 1°C	NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☒ No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☒ No ☐	
pH acceptable upon receipt (Metal: <2)?	Yes ☐ No ☐	NA ☒

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐ No ☐	NA ☒
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes ☐ No ☐	NA ☒

Comments:



Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 542831
Report Level : II
Report Date : 10/07/2025

Analytical Report *prepared for:*

Adrienne Thibeault
RMC Geoscience
775 Baywood Drive
Suite 305
Petaluma, CA 94954

Location: Chiquita Canyon Sampling / RM22.1077.00/Ph13

Authorized for release by:

Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

Sample Summary

Adrienne Thibeault	Lab Job #:	542831
RMC Geoscience	Location:	Chiquita Canyon Sampling / RM22.1077.00/Ph13
775 Baywood	Date Received:	09/23/25
Drive		
Suite 305		
Petaluma, CA		
94954		

Sample ID	Lab ID	Collected	Matrix
FP-01	542831-001	09/23/25 11:29	Water
QCFB	542831-002	09/23/25 00:00	Water (Lab Water)
QCTB	542831-003	09/23/25 00:00	Water (Lab Water)
QCEB	542831-004	09/23/25 00:00	Water (Lab Water)

Case Narrative

RMC Geoscience	Lab Job Number: 542831
775 Baywood Drive	Location: Chiquita Canyon Sampling /
Suite 305	RM22.1077.00/Ph13
Petaluma, CA 94954	Date Received: 09/23/25
Adrienne Thibeault	

This data package contains sample and QC results for three lab water samples and one water sample, requested for the above referenced project on 09/23/25. The samples were received in good condition.

Volatile Organics by GC/MS (EPA 8260B):

- 2-butanone was detected between the MDL and the RL in the method blank for batch 382871; this analyte was not detected in samples at or above the RL.
- FP-01 (lab # 542831-001) had pH greater than 2.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):

No analytical problems were encountered.

Metals (EPA 6010B):

No analytical problems were encountered.

Ion Chromatography (EPA 300.0):

- Low recovery was observed for sulfate in the MSD for batch 382672; the parent sample was not a project sample, and the LCS was within limits. High recoveries were observed for bromide and fluoride in the MS/MSD for batch 382672; the LCS was within limits, and the associated RPDs were within limits.
- Responses exceeding the instrument's linear range were observed for chloride, nitrogen, nitrate, and sulfate in the MS/MSD for batch 382672; affected data was qualified with "E".
- No other analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):

No analytical problems were encountered.

Alkalinity (SM2320B):

No analytical problems were encountered.

Sulfide (SM 4500-S2-D):

No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):

No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):

No analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):

- Low recovery was observed for ammonia-N in the MS for batch 382894; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

RSK-175 CO2 (RSK-175):

McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.



SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 09/23/25

WO# 5 842831

Client: Geo-Logic

Section 2: Shipping / Custody

Are custody seals present? ☐ Yes ☒ No

Custody seals intact on arrival? ☒ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

☐ Courier ☒ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 09/23/25 By (initials) JXR

Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None

☒ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR11 CF: +0.1

Cooler Temp (°C) #1: 1.9 / 2.0 #2: _____ / _____ #3: _____ / _____ #4: _____ / _____ #5: _____ / _____ #6: _____ / _____

Section 3b: Microbiology Samples

☒ No microbiology samples submitted (skip 3b)

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples

☒ No air samples submitted (skip 3c)

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples

YES NO N/A

1) Were custody papers present, filled properly, and legible?

X

2) Is the sampler's name present on the CoC?

X

3) Were containers received in good condition (unbroken / unopened / uncompromised)?

X

4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)

X

5) Were all of, and only, the correct samples received?

X

6) Are sample labels present, legible, and in agreement with the CoC?

X

7) Does the container count match the CoC?

X

8) Was sufficient sample volume / mass received for the analyses requested?

X

9) Were samples received in proper containers for the analyses requested?

X

10) Were samples received with > 1/2 holding time remaining?

X

11) Are samples properly preserved as indicated by CoC / labels?

X

12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?

X

13) Are VOA vials free from headspace/bubbles > 6mm?

X

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

☐ No additional discrepancies

Date Logged 09/23/25

By (print) Jeth Co

(sign)

Date Labeled 09/23/25

By (print) EA Orange

(sign)

Analysis Results for 542831

Adrienne Thibeault
RMC Geoscience
775 Baywood Drive
Suite 305
Petaluma, CA 94954

Lab Job #: 542831
Location: Chiquita Canyon Sampling / RM22.1077.00/Ph13
Date Received: 09/23/25

Sample ID: FP-01

Lab ID: 542831-001

Collected: 09/23/25 11:29

Matrix: Water

542831-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.30		mg/L	0.20	0.073	1	382672	09/23/25 14:53	09/24/25 02:01	KUM
Chloride	99		mg/L	1.0	0.27	1	382672	09/23/25 14:53	09/24/25 02:01	KUM
Bromide	0.40		mg/L	0.30	0.060	1	382672	09/23/25 14:53	09/24/25 02:01	KUM
Nitrogen, Nitrate	0.11		mg/L	0.10	0.05	1	382672	09/23/25 14:53	09/24/25 15:33	KUM
Sulfate	370		mg/L	10	1.8	10	382672	09/23/25 14:53	09/24/25 02:18	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382894	09/25/25	09/29/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	21		mg/L	4.0	2.0	1	383692	10/05/25	10/05/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.46		mg/L	0.050	0.0055	1	382726	09/23/25	09/24/25	TWJ
Calcium	160		mg/L	1.0	0.57	1	382726	09/23/25	09/24/25	TWJ
Iron	1.4		mg/L	0.10	0.046	1	382726	09/23/25	09/24/25	TWJ
Magnesium	33		mg/L	0.10	0.025	1	382726	09/23/25	09/24/25	TWJ
Manganese	0.56		mg/L	0.010	0.0029	1	382726	09/23/25	09/24/25	TWJ
Potassium	2.0		mg/L	0.50	0.40	1	382726	09/23/25	09/24/25	TWJ
Sodium	140		mg/L	0.60	0.35	1	382726	09/23/25	09/24/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
Carbon Disulfide	ND		ug/L	0.5	0.3	1	382871	09/25/25	09/25/25	ZST
2-Chloroethylvinylether	ND		ug/L	50	1.8	1	382871	09/25/25	09/25/25	ZST
Chloroprene	ND		ug/L	200	1.5	1	382871	09/25/25	09/25/25	ZST
3-Chloropropene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Ethyl methacrylate	ND		ug/L	50	1.0	1	382871	09/25/25	09/25/25	ZST
Ethanol	ND		ug/L	500	180	1	382871	09/25/25	09/25/25	ZST
2-Hexanone	ND		ug/L	5.0	0.6	1	382871	09/25/25	09/25/25	ZST
Iodomethane	ND		ug/L	10	1.8	1	382871	09/25/25	09/25/25	ZST
Isopropanol (IPA)	ND		ug/L	200	90	1	382871	09/25/25	09/25/25	ZST
Methyl acrylonitrile	ND		ug/L	35	1.3	1	382871	09/25/25	09/25/25	ZST
Vinyl Acetate	ND		ug/L	50	1.6	1	382871	09/25/25	09/25/25	ZST
Acrolein	ND		ug/L	200	1.2	1	382871	09/25/25	09/25/25	ZST
Acrylonitrile	ND		ug/L	10	0.2	1	382871	09/25/25	09/25/25	ZST
Freon 12	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Chloromethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Bromomethane	ND		ug/L	1.0	0.3	1	382871	09/25/25	09/25/25	ZST
Chloroethane	ND		ug/L	0.5	0.3	1	382871	09/25/25	09/25/25	ZST

Analysis Results for 542831

542831-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Trichlorofluoromethane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Acetone	ND		ug/L	25	2.1	1	382871	09/25/25	09/25/25	ZST
Freon 113	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.4	1	382871	09/25/25	09/25/25	ZST
MTBE	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
2-Butanone	1.8	B,J	ug/L	5.0	0.6	1	382871	09/25/25	09/25/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
2,2-Dichloropropane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Chloroform	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Bromochloromethane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
1,1,1-Trichloroethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1-Dichloropropene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Carbon Tetrachloride	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2-Dichloropropane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Bromodichloromethane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Dibromomethane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	382871	09/25/25	09/25/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Toluene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1,2-Trichloroethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,3-Dichloropropane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
Dibromochloromethane	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
1,2-Dibromoethane	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
Chlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
Ethylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
m,p-Xylenes	ND		ug/L	1.0	0.3	1	382871	09/25/25	09/25/25	ZST
o-Xylene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Styrene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Bromoform	ND		ug/L	1.0	0.1	1	382871	09/25/25	09/25/25	ZST
Propylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Isopropylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
1,2,3-Trichloropropane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Bromobenzene	ND		ug/L	1.0	0.1	1	382871	09/25/25	09/25/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
2-Chlorotoluene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
4-Chlorotoluene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
tert-Butylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
sec-Butylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
para-Isopropyl Toluene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,3-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST

Analysis Results for 542831

542831-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
n-Butylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.2	1	382871	09/25/25	09/25/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Hexachlorobutadiene	ND		ug/L	1.0	0.2	1	382871	09/25/25	09/25/25	ZST
Naphthalene	ND		ug/L	1.0	0.2	1	382871	09/25/25	09/25/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	2.0	0.2	1	382871	09/25/25	09/25/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	2.0	0.3	1	382871	09/25/25	09/25/25	ZST
Xylene (total)	ND		ug/L	0.5		1	382871	09/25/25	09/25/25	ZST

Surrogates			Limits							
Dibromofluoromethane	107%		%REC	70-130		1	382871	09/25/25	09/25/25	ZST
1,2-Dichloroethane-d4	110%		%REC	70-130		1	382871	09/25/25	09/25/25	ZST
Toluene-d8	96%		%REC	70-130		1	382871	09/25/25	09/25/25	ZST
Bromofluorobenzene	96%		%REC	70-130		1	382871	09/25/25	09/25/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

1,4-Dioxane	5.7		ug/L	1.0	0.87	1	382746	09/24/25	09/25/25	ZFA
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Surrogates			Limits							
1,4-Dioxane-d8 (SUR)	102%		%REC	80-120		1	382746	09/24/25	09/25/25	ZFA

Method: SM 4500-S2-D

Prep Method: METHOD

Sulfide	ND		mg/L	0.10		1	382823	09/24/25	09/24/25	TXC
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Method: SM 5310B

Prep Method: SM 5310B

Total Organic Carbon	10		mg/L	1.0	0.49	1	382795	09/24/25	09/24/25	TDD
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Method: SM2320B

Prep Method: METHOD

Alkalinity, Bicarbonate, as CaCO3	340		mg/L	5.0		2.5	382819	09/24/25	09/24/25	WWC
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Alkalinity, Total as CaCO3	340		mg/L	5.0		2.5	382819	09/24/25	09/24/25	WWC
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Method: SM2540C

Prep Method: METHOD

Total Dissolved Solids	1,100		mg/L	20		2	382792	09/24/25	09/25/25	JAG
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Analysis Results for 542831

Sample ID: QCFB
Lab ID: 542831-002
Collected: 09/23/25
Matrix: Water

542831-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
Carbon Disulfide	ND		ug/L	0.5	0.3	1	382871	09/25/25	09/25/25	ZST
2-Chloroethylvinylether	ND		ug/L	50	1.8	1	382871	09/25/25	09/25/25	ZST
Chloroprene	ND		ug/L	200	1.5	1	382871	09/25/25	09/25/25	ZST
3-Chloropropene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Ethyl methacrylate	ND		ug/L	50	1.0	1	382871	09/25/25	09/25/25	ZST
Ethanol	ND		ug/L	500	180	1	382871	09/25/25	09/25/25	ZST
2-Hexanone	ND		ug/L	5.0	0.6	1	382871	09/25/25	09/25/25	ZST
Iodomethane	ND		ug/L	10	1.8	1	382871	09/25/25	09/25/25	ZST
Isopropanol (IPA)	ND		ug/L	200	90	1	382871	09/25/25	09/25/25	ZST
Methyl acrylonitrile	ND		ug/L	35	1.3	1	382871	09/25/25	09/25/25	ZST
Vinyl Acetate	ND		ug/L	50	1.6	1	382871	09/25/25	09/25/25	ZST
Acrolein	ND		ug/L	200	1.2	1	382871	09/25/25	09/25/25	ZST
Acrylonitrile	ND		ug/L	10	0.2	1	382871	09/25/25	09/25/25	ZST
Freon 12	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Chloromethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Bromomethane	ND		ug/L	1.0	0.3	1	382871	09/25/25	09/25/25	ZST
Chloroethane	ND		ug/L	0.5	0.3	1	382871	09/25/25	09/25/25	ZST
Trichlorofluoromethane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Acetone	4.5	J	ug/L	25	2.1	1	382871	09/25/25	09/25/25	ZST
Freon 113	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Methylene Chloride	1.1	J	ug/L	5.0	0.4	1	382871	09/25/25	09/25/25	ZST
MTBE	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
2-Butanone	1.7	B,J	ug/L	5.0	0.6	1	382871	09/25/25	09/25/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
2,2-Dichloropropane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Chloroform	1.1		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Bromochloromethane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
1,1,1-Trichloroethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1-Dichloropropene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Carbon Tetrachloride	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2-Dichloropropane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Bromodichloromethane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Dibromomethane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	382871	09/25/25	09/25/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Toluene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1,2-Trichloroethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST

Analysis Results for 542831

542831-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,3-Dichloropropane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
Dibromochloromethane	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
1,2-Dibromoethane	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
Chlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
Ethylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
m,p-Xylenes	ND		ug/L	1.0	0.3	1	382871	09/25/25	09/25/25	ZST
o-Xylene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Styrene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Bromoform	ND		ug/L	1.0	0.1	1	382871	09/25/25	09/25/25	ZST
Propylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Isopropylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
1,2,3-Trichloropropane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Bromobenzene	ND		ug/L	1.0	0.1	1	382871	09/25/25	09/25/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
2-Chlorotoluene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
4-Chlorotoluene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
tert-Butylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
sec-Butylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
para-Isopropyl Toluene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,3-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
n-Butylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.2	1	382871	09/25/25	09/25/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Hexachlorobutadiene	ND		ug/L	1.0	0.2	1	382871	09/25/25	09/25/25	ZST
Naphthalene	ND		ug/L	1.0	0.2	1	382871	09/25/25	09/25/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	2.0	0.2	1	382871	09/25/25	09/25/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	2.0	0.3	1	382871	09/25/25	09/25/25	ZST
Xylene (total)	ND		ug/L	0.5		1	382871	09/25/25	09/25/25	ZST
Surrogates	Limits									
Dibromofluoromethane	107%		%REC	70-130		1	382871	09/25/25	09/25/25	ZST
1,2-Dichloroethane-d4	111%		%REC	70-130		1	382871	09/25/25	09/25/25	ZST
Toluene-d8	95%		%REC	70-130		1	382871	09/25/25	09/25/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	382871	09/25/25	09/25/25	ZST

Analysis Results for 542831

Sample ID: QCTB

Lab ID: 542831-003

Collected: 09/23/25

Matrix: Water

542831-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
Carbon Disulfide	ND		ug/L	0.5	0.3	1	382871	09/25/25	09/25/25	ZST
2-Chloroethylvinylether	ND		ug/L	50	1.8	1	382871	09/25/25	09/25/25	ZST
Chloroprene	ND		ug/L	200	1.5	1	382871	09/25/25	09/25/25	ZST
3-Chloropropene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Ethyl methacrylate	ND		ug/L	50	1.0	1	382871	09/25/25	09/25/25	ZST
Ethanol	ND		ug/L	500	180	1	382871	09/25/25	09/25/25	ZST
2-Hexanone	ND		ug/L	5.0	0.6	1	382871	09/25/25	09/25/25	ZST
Iodomethane	ND		ug/L	10	1.8	1	382871	09/25/25	09/25/25	ZST
Isopropanol (IPA)	ND		ug/L	200	90	1	382871	09/25/25	09/25/25	ZST
Methyl acrylonitrile	ND		ug/L	35	1.3	1	382871	09/25/25	09/25/25	ZST
Vinyl Acetate	ND		ug/L	50	1.6	1	382871	09/25/25	09/25/25	ZST
Acrolein	ND		ug/L	200	1.2	1	382871	09/25/25	09/25/25	ZST
Acrylonitrile	ND		ug/L	10	0.2	1	382871	09/25/25	09/25/25	ZST
Freon 12	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Chloromethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Bromomethane	ND		ug/L	1.0	0.3	1	382871	09/25/25	09/25/25	ZST
Chloroethane	ND		ug/L	0.5	0.3	1	382871	09/25/25	09/25/25	ZST
Trichlorofluoromethane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Acetone	ND		ug/L	25	2.1	1	382871	09/25/25	09/25/25	ZST
Freon 113	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Methylene Chloride	1.0	J	ug/L	5.0	0.4	1	382871	09/25/25	09/25/25	ZST
MTBE	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
2-Butanone	1.7	B,J	ug/L	5.0	0.6	1	382871	09/25/25	09/25/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
2,2-Dichloropropane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Chloroform	1.1		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Bromochloromethane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
1,1,1-Trichloroethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1-Dichloropropene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Carbon Tetrachloride	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2-Dichloropropane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Bromodichloromethane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Dibromomethane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	382871	09/25/25	09/25/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Toluene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1,2-Trichloroethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST

Analysis Results for 542831

542831-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,3-Dichloropropane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
Dibromochloromethane	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
1,2-Dibromoethane	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
Chlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
Ethylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
m,p-Xylenes	ND		ug/L	1.0	0.3	1	382871	09/25/25	09/25/25	ZST
o-Xylene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Styrene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Bromoform	ND		ug/L	1.0	0.1	1	382871	09/25/25	09/25/25	ZST
Propylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Isopropylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
1,2,3-Trichloropropane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Bromobenzene	ND		ug/L	1.0	0.1	1	382871	09/25/25	09/25/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
2-Chlorotoluene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
4-Chlorotoluene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
tert-Butylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
sec-Butylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
para-Isopropyl Toluene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,3-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
n-Butylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.2	1	382871	09/25/25	09/25/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Hexachlorobutadiene	ND		ug/L	1.0	0.2	1	382871	09/25/25	09/25/25	ZST
Naphthalene	ND		ug/L	1.0	0.2	1	382871	09/25/25	09/25/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	2.0	0.2	1	382871	09/25/25	09/25/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	2.0	0.3	1	382871	09/25/25	09/25/25	ZST
Xylene (total)	ND		ug/L	0.5		1	382871	09/25/25	09/25/25	ZST
Surrogates	Limits									
Dibromofluoromethane	105%		%REC	70-130		1	382871	09/25/25	09/25/25	ZST
1,2-Dichloroethane-d4	111%		%REC	70-130		1	382871	09/25/25	09/25/25	ZST
Toluene-d8	97%		%REC	70-130		1	382871	09/25/25	09/25/25	ZST
Bromofluorobenzene	95%		%REC	70-130		1	382871	09/25/25	09/25/25	ZST

Analysis Results for 542831

Sample ID: QCEB
Lab ID: 542831-004
Collected: 09/23/25
Matrix: Water

542831-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
Carbon Disulfide	ND		ug/L	0.5	0.3	1	382871	09/25/25	09/25/25	ZST
2-Chloroethylvinylether	ND		ug/L	50	1.8	1	382871	09/25/25	09/25/25	ZST
Chloroprene	ND		ug/L	200	1.5	1	382871	09/25/25	09/25/25	ZST
3-Chloropropene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Ethyl methacrylate	ND		ug/L	50	1.0	1	382871	09/25/25	09/25/25	ZST
Ethanol	ND		ug/L	500	180	1	382871	09/25/25	09/25/25	ZST
2-Hexanone	ND		ug/L	5.0	0.6	1	382871	09/25/25	09/25/25	ZST
Iodomethane	ND		ug/L	10	1.8	1	382871	09/25/25	09/25/25	ZST
Isopropanol (IPA)	ND		ug/L	200	90	1	382871	09/25/25	09/25/25	ZST
Methyl acrylonitrile	ND		ug/L	35	1.3	1	382871	09/25/25	09/25/25	ZST
Vinyl Acetate	ND		ug/L	50	1.6	1	382871	09/25/25	09/25/25	ZST
Acrolein	ND		ug/L	200	1.2	1	382871	09/25/25	09/25/25	ZST
Acrylonitrile	ND		ug/L	10	0.2	1	382871	09/25/25	09/25/25	ZST
Freon 12	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Chloromethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Bromomethane	ND		ug/L	1.0	0.3	1	382871	09/25/25	09/25/25	ZST
Chloroethane	ND		ug/L	0.5	0.3	1	382871	09/25/25	09/25/25	ZST
Trichlorofluoromethane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Acetone	3.3	J	ug/L	25	2.1	1	382871	09/25/25	09/25/25	ZST
Freon 113	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Methylene Chloride	0.8	J	ug/L	5.0	0.4	1	382871	09/25/25	09/25/25	ZST
MTBE	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
2-Butanone	1.6	B,J	ug/L	5.0	0.6	1	382871	09/25/25	09/25/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
2,2-Dichloropropane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Chloroform	0.8		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Bromochloromethane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
1,1,1-Trichloroethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1-Dichloropropene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Carbon Tetrachloride	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2-Dichloropropane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Bromodichloromethane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Dibromomethane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	382871	09/25/25	09/25/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Toluene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1,2-Trichloroethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST

Analysis Results for 542831

542831-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,3-Dichloropropane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
Dibromochloromethane	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
1,2-Dibromoethane	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
Chlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
Ethylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
m,p-Xylenes	ND		ug/L	1.0	0.3	1	382871	09/25/25	09/25/25	ZST
o-Xylene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Styrene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Bromoform	ND		ug/L	1.0	0.1	1	382871	09/25/25	09/25/25	ZST
Propylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Isopropylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
1,2,3-Trichloropropane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Bromobenzene	ND		ug/L	1.0	0.1	1	382871	09/25/25	09/25/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
2-Chlorotoluene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
4-Chlorotoluene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
tert-Butylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
sec-Butylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
para-Isopropyl Toluene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,3-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
n-Butylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.2	1	382871	09/25/25	09/25/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Hexachlorobutadiene	ND		ug/L	1.0	0.2	1	382871	09/25/25	09/25/25	ZST
Naphthalene	ND		ug/L	1.0	0.2	1	382871	09/25/25	09/25/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	2.0	0.2	1	382871	09/25/25	09/25/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	2.0	0.3	1	382871	09/25/25	09/25/25	ZST
Xylene (total)	ND		ug/L	0.5		1	382871	09/25/25	09/25/25	ZST
Surrogates				Limits						
Dibromofluoromethane	107%		%REC	70-130		1	382871	09/25/25	09/25/25	ZST
1,2-Dichloroethane-d4	112%		%REC	70-130		1	382871	09/25/25	09/25/25	ZST
Toluene-d8	98%		%REC	70-130		1	382871	09/25/25	09/25/25	ZST
Bromofluorobenzene	92%		%REC	70-130		1	382871	09/25/25	09/25/25	ZST

B Contamination found in associated Method Blank
 J Estimated value
 ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1296218	Batch: 382672
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1296218 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	09/23/25 14:53	09/24/25 12:45
Chloride	ND		mg/L	1.0	0.27	09/23/25 14:53	09/24/25 12:45
Bromide	ND		mg/L	0.30	0.060	09/23/25 14:53	09/24/25 12:45
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	09/23/25 14:53	09/24/25 12:45
Sulfate	ND		mg/L	1.0	0.18	09/23/25 14:53	09/24/25 12:45

Type: Lab Control Sample	Lab ID: QC1296219	Batch: 382672
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1296219 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	10.20	10.00	mg/L	102%		90-110
Chloride	46.41	50.00	mg/L	93%		90-110
Bromide	14.00	15.00	mg/L	93%		90-110
Nitrogen, Nitrate	4.409	4.518	mg/L	98%		90-110
Sulfate	25.07	25.00	mg/L	100%		90-110

Type: Matrix Spike	Lab ID: QC1296339	Batch: 382672
Matrix (Source ID): Water (542830-003)	Method: EPA 300.0	Prep Method: METHOD

QC1296339 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	30.61	0.1351	20.00	mg/L	152%	*	80-129	1
Chloride	298.4	176.9	100.0	mg/L	122%	E	80-123	1
Bromide	19.36	0.6782	15.00	mg/L	125%	*	80-121	1
Nitrogen, Nitrate	26.17	15.85	9.036	mg/L	114%	E	80-123	1
Sulfate	221.9	177.4	50.00	mg/L	89%	E	79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1296340	Batch: 382672
Matrix (Source ID): Water (542830-003)	Method: EPA 300.0	Prep Method: METHOD

QC1296340 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	27.08	0.1351	20.00	mg/L	135%	*	80-129	12	21	1
Chloride	284.4	176.9	100.0	mg/L	108%	E	80-123		20	1
Bromide	17.01	0.6782	15.00	mg/L	109%		80-121	13	20	1
Nitrogen, Nitrate	24.97	15.85	9.036	mg/L	101%	E	80-123		20	1
Sulfate	216.6	177.4	50.00	mg/L	78%	E,*	79-124		20	1

Type: Blank	Lab ID: QC1296989	Batch: 382894
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1296989 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	09/25/25	09/29/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1296990	Batch: 382894
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1296990 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9883	1.000	mg/L	99%		90-110

Type: Matrix Spike	Lab ID: QC1296991	Batch: 382894
Matrix (Source ID): Water (542337-001)	Method: EPA 350.1	Prep Method: METHOD

QC1296991 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.8854	ND	1.000	mg/L	89%	*	90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1296992	Batch: 382894
Matrix (Source ID): Water (542337-001)	Method: EPA 350.1	Prep Method: METHOD

QC1296992 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Ammonia-N	1.003	ND	1.000	mg/L	100%		90-110	12	20	1

Type: Matrix Spike	Lab ID: QC1296993	Batch: 382894
Matrix (Source ID): Water (542337-002)	Method: EPA 350.1	Prep Method: METHOD

QC1296993 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.091	0.09666	1.000	mg/L	99%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1296994	Batch: 382894
Matrix (Source ID): Water (542337-002)	Method: EPA 350.1	Prep Method: METHOD

QC1296994 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Ammonia-N	1.174	0.09666	1.000	mg/L	108%		90-110	7	20	1

Type: Blank	Lab ID: QC1300117	Batch: 383692
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1300117 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	10/05/25	10/05/25

Type: Lab Control Sample	Lab ID: QC1300118	Batch: 383692
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1300118 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	98.00	100.0	mg/L	98%		90-110

Batch QC

Type: Matrix Spike	Lab ID: QC1300123	Batch: 383692
Matrix (Source ID): Water (542831-001)	Method: EPA 410.4	Prep Method: METHOD

QC1300123 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	106.0	21.00	100.0	mg/L	85%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1300124	Batch: 383692
Matrix (Source ID): Water (542831-001)	Method: EPA 410.4	Prep Method: METHOD

QC1300124 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	112.0	21.00	100.0	mg/L	91%		75-125	6	20	2

Type: Blank	Lab ID: QC1296398	Batch: 382726
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1296398 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	09/23/25	09/23/25
Calcium	ND		mg/L	0.57	0.57	09/23/25	09/23/25
Iron	ND		mg/L	0.046	0.046	09/23/25	09/23/25
Magnesium	ND		mg/L	0.10	0.025	09/23/25	09/23/25
Manganese	ND		mg/L	0.010	0.0029	09/23/25	09/23/25
Potassium	ND		mg/L	0.50	0.40	09/23/25	09/23/25
Sodium	ND		mg/L	0.50	0.35	09/23/25	09/23/25

Type: Lab Control Sample	Lab ID: QC1296399	Batch: 382726
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1296399 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3779	0.4000	mg/L	94%		80-120
Calcium	18.44	20.40	mg/L	90%		80-120
Iron	0.3696	0.4000	mg/L	92%		80-120
Magnesium	19.14	20.40	mg/L	94%		80-120
Manganese	0.3692	0.4000	mg/L	92%		80-120
Potassium	23.46	24.00	mg/L	98%		80-120
Sodium	19.20	20.40	mg/L	94%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1296400	Batch: 382726
Matrix (Source ID): Water (542680-002)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1296400 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.4510	0.07247	0.4000	mg/L	95%		75-125	1
Calcium	285.3	270.8	20.40	mg/L	71%	NM	75-125	1
Iron	0.6870	0.3369	0.4000	mg/L	88%		75-125	1
Magnesium	18.38	0.09406	20.40	mg/L	90%		75-125	1
Manganese	0.3710	0.007296	0.4000	mg/L	91%		75-125	1
Potassium	43.06	19.40	24.00	mg/L	99%		75-125	1
Sodium	119.7	102.2	20.40	mg/L	86%	NM	75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1296401	Batch: 382726
Matrix (Source ID): Water (542680-002)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1296401 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.4556	0.07247	0.4000	mg/L	96%		75-125	1	20	1
Calcium	285.5	270.8	20.40	mg/L	72%	NM	75-125	0	20	1
Iron	0.6955	0.3369	0.4000	mg/L	90%		75-125	1	22	1
Magnesium	19.06	0.09406	20.40	mg/L	93%		75-125	4	20	1
Manganese	0.3750	0.007296	0.4000	mg/L	92%		75-125	1	20	1
Potassium	43.86	19.40	24.00	mg/L	102%		75-125	2	20	1
Sodium	120.6	102.2	20.40	mg/L	90%	NM	75-125	1	20	1

Type: Serial Dilution	Lab ID: QC1296407	Batch: 382726
Matrix (Source ID): Water (542680-002)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1296407 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	0.07912	0.07247	mg/L	J			5
Calcium	272.9	270.8	mg/L				5
Iron	0.3413	0.3369	mg/L				5
Magnesium	ND	0.09406	mg/L				5
Manganese	ND	0.007296	mg/L				5
Potassium	18.93	19.40	mg/L				5
Sodium	103.2	102.2	mg/L				5

Batch QC

Type: Lab Control Sample	Lab ID: QC1296913	Batch: 382871
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1296913 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	53.57	50.00	ug/L	107%		69-128
MTBE	49.07	50.00	ug/L	98%		66-125
Benzene	50.42	50.00	ug/L	101%		76-121
Trichloroethene	51.40	50.00	ug/L	103%		76-124
Toluene	50.10	50.00	ug/L	100%		76-120
Chlorobenzene	51.48	50.00	ug/L	103%		78-120
Surrogates						
Dibromofluoromethane	48.88	50.00	ug/L	98%		70-130
1,2-Dichloroethane-d4	49.73	50.00	ug/L	99%		70-130
Toluene-d8	49.70	50.00	ug/L	99%		70-130
Bromofluorobenzene	49.34	50.00	ug/L	99%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1296914	Batch: 382871
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1296914 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	54.46	50.00	ug/L	109%		69-128	2	23
MTBE	49.52	50.00	ug/L	99%		66-125	1	22
Benzene	52.28	50.00	ug/L	105%		76-121	4	21
Trichloroethene	52.58	50.00	ug/L	105%		76-124	2	22
Toluene	51.42	50.00	ug/L	103%		76-120	3	21
Chlorobenzene	52.63	50.00	ug/L	105%		78-120	2	20
Surrogates								
Dibromofluoromethane	49.02	50.00	ug/L	98%		70-130		
1,2-Dichloroethane-d4	48.95	50.00	ug/L	98%		70-130		
Toluene-d8	49.66	50.00	ug/L	99%		70-130		
Bromofluorobenzene	51.63	50.00	ug/L	103%		70-130		

Batch QC

Type: Blank	Lab ID: QC1296918	Batch: 382871
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1296918 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Carbon Disulfide	ND		ug/L	0.5	0.3	09/25/25	09/25/25
2-Chloroethylvinylether	ND		ug/L	50	1.8	09/25/25	09/25/25
Chloroprene	ND		ug/L	200	1.5	09/25/25	09/25/25
3-Chloropropene	ND		ug/L	0.5	0.2	09/25/25	09/25/25
Ethyl methacrylate	ND		ug/L	50	1.0	09/25/25	09/25/25
Ethanol	ND		ug/L	500	180	09/25/25	09/25/25
2-Hexanone	ND		ug/L	5.0	0.6	09/25/25	09/25/25
Iodomethane	ND		ug/L	10	1.8	09/25/25	09/25/25
Isopropanol (IPA)	ND		ug/L	200	90	09/25/25	09/25/25
Methyl acrylonitrile	ND		ug/L	35	1.3	09/25/25	09/25/25
Vinyl Acetate	ND		ug/L	50	1.6	09/25/25	09/25/25
Acrolein	ND		ug/L	200	1.2	09/25/25	09/25/25
Acrylonitrile	ND		ug/L	10	0.2	09/25/25	09/25/25
Freon 12	ND		ug/L	0.5	0.2	09/25/25	09/25/25
Chloromethane	ND		ug/L	0.5	0.1	09/25/25	09/25/25
Vinyl Chloride	ND		ug/L	0.5	0.2	09/25/25	09/25/25
Bromomethane	ND		ug/L	1.0	0.3	09/25/25	09/25/25
Chloroethane	ND		ug/L	0.5	0.3	09/25/25	09/25/25
Trichlorofluoromethane	ND		ug/L	0.5	0.2	09/25/25	09/25/25
Acetone	ND		ug/L	25	2.1	09/25/25	09/25/25
Freon 113	ND		ug/L	0.5	0.1	09/25/25	09/25/25
1,1-Dichloroethene	ND		ug/L	0.5	0.2	09/25/25	09/25/25
Methylene Chloride	ND		ug/L	5.0	0.4	09/25/25	09/25/25
MTBE	ND		ug/L	0.5	0.1	09/25/25	09/25/25
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.2	09/25/25	09/25/25
1,1-Dichloroethane	ND		ug/L	0.5	0.1	09/25/25	09/25/25
2-Butanone	2.0	J	ug/L	5.0	0.6	09/25/25	09/25/25
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	09/25/25	09/25/25
2,2-Dichloropropane	ND		ug/L	0.5	0.2	09/25/25	09/25/25
Chloroform	ND		ug/L	0.5	0.1	09/25/25	09/25/25
Bromochloromethane	ND		ug/L	0.5	0.2	09/25/25	09/25/25
1,1,1-Trichloroethane	ND		ug/L	0.5	0.1	09/25/25	09/25/25
1,1-Dichloropropene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
Carbon Tetrachloride	ND		ug/L	0.5	0.1	09/25/25	09/25/25
1,2-Dichloroethane	ND		ug/L	0.5	0.1	09/25/25	09/25/25
Benzene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
Trichloroethene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
1,2-Dichloropropane	ND		ug/L	0.5	0.1	09/25/25	09/25/25
Bromodichloromethane	ND		ug/L	0.5	0.2	09/25/25	09/25/25
Dibromomethane	ND		ug/L	0.5	0.2	09/25/25	09/25/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	09/25/25	09/25/25
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
Toluene	ND		ug/L	0.5	0.2	09/25/25	09/25/25
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
1,1,2-Trichloroethane	ND		ug/L	0.5	0.1	09/25/25	09/25/25
1,3-Dichloropropane	ND		ug/L	0.5	0.1	09/25/25	09/25/25
Tetrachloroethene	ND		ug/L	0.5	0.09	09/25/25	09/25/25

Batch QC

QC1296918 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Dibromochloromethane	ND		ug/L	0.5	0.09	09/25/25	09/25/25
1,2-Dibromoethane	ND		ug/L	0.5	0.09	09/25/25	09/25/25
Chlorobenzene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.09	09/25/25	09/25/25
Ethylbenzene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
m,p-Xylenes	ND		ug/L	1.0	0.3	09/25/25	09/25/25
o-Xylene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
Styrene	ND		ug/L	0.5	0.2	09/25/25	09/25/25
Bromoform	ND		ug/L	1.0	0.1	09/25/25	09/25/25
Propylbenzene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
Isopropylbenzene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.09	09/25/25	09/25/25
1,2,3-Trichloropropane	ND		ug/L	0.5	0.1	09/25/25	09/25/25
Bromobenzene	ND		ug/L	1.0	0.1	09/25/25	09/25/25
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
2-Chlorotoluene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
4-Chlorotoluene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
tert-Butylbenzene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
sec-Butylbenzene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
para-Isopropyl Toluene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
1,3-Dichlorobenzene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
n-Butylbenzene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
1,2-Dichlorobenzene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.2	09/25/25	09/25/25
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
Hexachlorobutadiene	ND		ug/L	1.0	0.2	09/25/25	09/25/25
Naphthalene	ND		ug/L	1.0	0.2	09/25/25	09/25/25
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
cis-1,4-Dichloro-2-butene	ND		ug/L	2.0	0.2	09/25/25	09/25/25
trans-1,4-Dichloro-2-butene	ND		ug/L	2.0	0.3	09/25/25	09/25/25
Xylene (total)	ND		ug/L	0.5		09/25/25	09/25/25
Surrogates				Limits			
Dibromofluoromethane	104%		%REC	70-130		09/25/25	09/25/25
1,2-Dichloroethane-d4	108%		%REC	70-130		09/25/25	09/25/25
Toluene-d8	97%		%REC	70-130		09/25/25	09/25/25
Bromofluorobenzene	97%		%REC	70-130		09/25/25	09/25/25

Batch QC

Type: Matrix Spike	Lab ID: QC1296942	Batch: 382871
Matrix (Source ID): Water (542334-004)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1296942 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	19.50	ND	20.00	ug/L	97%		62-131	1
MTBE	17.59	ND	20.00	ug/L	88%		61-124	1
Benzene	18.66	0.1167	20.00	ug/L	93%		70-123	1
Trichloroethene	18.67	ND	20.00	ug/L	93%		65-131	1
Toluene	18.65	ND	20.00	ug/L	93%		69-120	1
Chlorobenzene	18.63	ND	20.00	ug/L	93%		72-121	1
Surrogates								
Dibromofluoromethane	48.36		50.00	ug/L	97%		70-130	1
1,2-Dichloroethane-d4	51.93		50.00	ug/L	104%		70-130	1
Toluene-d8	49.01		50.00	ug/L	98%		70-130	1
Bromofluorobenzene	46.83		50.00	ug/L	94%		70-130	1

Type: Matrix Spike Duplicate	Lab ID: QC1296943	Batch: 382871
Matrix (Source ID): Water (542334-004)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1296943 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	18.31	ND	20.00	ug/L	92%		62-131	6	31	1
MTBE	15.97	ND	20.00	ug/L	80%		61-124	10	30	1
Benzene	16.63	0.1167	20.00	ug/L	83%		70-123	11	31	1
Trichloroethene	16.81	ND	20.00	ug/L	84%		65-131	10	31	1
Toluene	16.57	ND	20.00	ug/L	83%		69-120	12	29	1
Chlorobenzene	16.96	ND	20.00	ug/L	85%		72-121	9	29	1
Surrogates										
Dibromofluoromethane	49.31		50.00	ug/L	99%		70-130			1
1,2-Dichloroethane-d4	49.01		50.00	ug/L	98%		70-130			1
Toluene-d8	49.79		50.00	ug/L	100%		70-130			1
Bromofluorobenzene	48.66		50.00	ug/L	97%		70-130			1

Type: Blank	Lab ID: QC1296478	Batch: 382746
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1296478 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.87	09/24/25	09/25/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		09/24/25	09/25/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1296479	Batch: 382746
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1296479 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	10.48	10.00	ug/L	105%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.44	10.00	ug/L	104%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1296480	Batch: 382746
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1296480 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	9.409	10.00	ug/L	94%		79-120	11	20
Surrogates								
1,4-Dioxane-d8 (SUR)	9.809	10.00	ug/L	98%		80-120		

Type: Blank	Lab ID: QC1296710	Batch: 382823
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1296710 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		09/24/25	09/24/25

Type: Lab Control Sample	Lab ID: QC1296711	Batch: 382823
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1296711 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1296712	Batch: 382823
Matrix (Source ID): Drinking Water (542915-004)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1296712 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1296713	Batch: 382823
Matrix (Source ID): Drinking Water (542915-004)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1296713 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	0	20	1

Batch QC

Type: Blank	Lab ID: QC1296612	Batch: 382795
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1296612 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.49	09/24/25	09/24/25

Type: Lab Control Sample	Lab ID: QC1296613	Batch: 382795
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1296613 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	23.13	25.00	mg/L	93%		85-115

Type: Matrix Spike	Lab ID: QC1296614	Batch: 382795
Matrix (Source ID): Water (542771-007)	Method: SM 5310B	Prep Method: SM 5310B

QC1296614 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	28.46	2.689	25.00	mg/L	103%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1296615	Batch: 382795
Matrix (Source ID): Water (542771-007)	Method: SM 5310B	Prep Method: SM 5310B

QC1296615 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	28.04	2.689	25.00	mg/L	101%		75-125	1	25	1

Type: Blank	Lab ID: QC1296699	Batch: 382819
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1296699 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		09/24/25	09/24/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		09/24/25	09/24/25

Type: Lab Control Sample	Lab ID: QC1296700	Batch: 382819
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1296700 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	936.2	1000	mg/L	94%		90-110

Type: Sample Duplicate	Lab ID: QC1296701	Batch: 382819
Matrix (Source ID): Water (542821-002)	Method: SM2320B	Prep Method: METHOD

QC1296701 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Bicarbonate	902.9	904.0	mg/L		0	20	2.5
Alkalinity, Total as CaCO ₃	740.1	741.0	mg/L		0	20	2.5

Batch QC

Type: Blank	Lab ID: QC1296596	Batch: 382792
Matrix: Drinking Water	Method: SM2540C	Prep Method: METHOD

QC1296596 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		09/24/25	09/25/25

Type: Lab Control Sample	Lab ID: QC1296597	Batch: 382792
Matrix: Drinking Water	Method: SM2540C	Prep Method: METHOD

QC1296597 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,000	1000	mg/L	100%		90-110

Type: Sample Duplicate	Lab ID: QC1296598	Batch: 382792
Matrix (Source ID): Water (542863-001)	Method: SM2540C	Prep Method: METHOD

QC1296598 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	2,468	2504	mg/L		1	5	2

Type: Sample Duplicate	Lab ID: QC1296599	Batch: 382792
Matrix (Source ID): Water (542821-002)	Method: SM2540C	Prep Method: METHOD

QC1296599 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	1,538	1546	mg/L		1	5	2

* Value is outside QC limits
 E Response exceeds instrument's linear range
 J Estimated value
 ND Not Detected
 NM Not Meaningful

Laboratory Job Number 542831

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2509H53

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-542831

Project Location:

Project Received: 09/25/2025

Analytical Report reviewed & approved for release on 09/30/2025 by:

Yen Cao

Yen Cao

Project Manager

McC Campbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.





Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2509H53

Project: EO-542831

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit ¹
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit ²
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

¹ MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

² RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.



Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2509H53

Project: EO-542831

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	"Too Numerous to Count," greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Analytical Report

Client: Enthalpy Analytical
Date Received: 09/25/2025 9:12
Date Prepared: 09/26/2025
Project: EO-542831

WorkOrder: 2509H53
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FP-01	2509H53-001A	Water	09/23/2025 11:29	GC26 0926250904.D	326749

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	31,000	1000	1000	20	09/26/2025 11:33

Analyst(s): CLO



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 09/26/2025
Date Analyzed: 09/26/2025
Instrument: GC26
Matrix: Water
Project: EO-542831

WorkOrder: 2509H53
BatchID: 326749
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-326749

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	140	150	187.2	76	81	70-130	6.69	30

McCampbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

☐ WaterTrax ☐ CLIP ☐ EDF

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2509H53

ClientCode: ENO

QuoteID: 252619

☐ EQulS ☐ Dry-Weight ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag
☐ Detection Summary ☒ Excel [A1_Standard_QC]

Report to:

Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party:
PO: 054515
Project: EO-542831

Bill to:

Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: 3 days;

Date Received: 09/25/2025

Date Logged: 09/25/2025

Lab ID	ClientSampleID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2509H53-001	FP-01	Water	9/23/2025 11:29	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Lilly Ortiz

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL

Project: EO-542831

Work Order: 2509H53

Client Contact: Zach Barker

QC Level: LEVEL 2

Contact's Email: zach.barker@enthalpy.com

Comments

Date Logged: 9/25/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☒ Excel ☐ EQuIS ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	FP-01	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	9/23/2025 11:29	3 days	9/30/2025	Present	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U** = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.



931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

2509453

Subcontract Laboratory:

McCampbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-542831

PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel
EDD

Notes:

--

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
FP-01	23-SEP-2025 11:29	542831-001	2 <i>1</i>	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	<i>Cara Polite</i>	<i>Zach Barker</i>
	Date: 9-24-25 14:24	Date: 9/25/25 07:12
	Date:	Date:
	Date:	Date:



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-542831

Date and Time Received: 9/25/2025 09:12

Date Logged: 9/25/2025

Received by: Lilly Ortiz

Logged by: Lilly Ortiz

WorkOrder №: 2509H53 Matrix: Water
Carrier: FedEx

Chain of Custody (COC) Information

Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Sample IDs noted by Client on COC?	Yes ☒	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☒	No ☐	
Sampler's name noted on COC?	Yes ☐	No ☒	
COC agrees with Quote?	Yes ☒	No ☐	NA ☐
COC quote NOT expired?	Yes ☐	No ☐	NA ☒

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	NA ☒
Shipping container/cooler in good condition?	Yes ☒	No ☐	
Samples in proper containers/bottles?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☒	No ☐	NA ☐
Samples Received on Ice?	Yes ☒	No ☐	

(Ice Type: WET ICE)

Sample/Temp Blank temperature	Temp: 5.7°C	NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☒ No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☒ No ☐	
pH acceptable upon receipt (Metal: <2)?	Yes ☐ No ☐	NA ☒

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐ No ☐	NA ☒
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes ☐ No ☐	NA ☒

Comments:

Attachment B

Prediction Limit Plots

Prediction Limit

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019 Printed 9/5/2025, 4:29 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Alkalinity, Total as CaCO3 (mg/L)	DW-15	232.1	172.3	7/16/2025	200	No	18	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-16	363.1	133.1	7/16/2025	240	No	27	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-17	184	110.7	7/14/2025	110	Yes	19	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-29	316.4	205	7/10/2025	240.3	No	18	0	No	0.005	Param Intra Deseas
Alkalinity, Total as CaCO3 (mg/L)	DW-9	246.1	98.93	7/10/2025	130	No	8	0	No	0.005	Param Intra
Ammonia-N (mg/L)	DW-15	0.1767	n/a	7/16/2025	0.15	No	18	0	No	0.01	Param Intra
Ammonia-N (mg/L)	DW-16	0.094	n/a	7/16/2025	0.05ND	No	26	92.31	n/a	0.03704	NP Intra (NDs)
Ammonia-N (mg/L)	DW-17	0.041	n/a	7/14/2025	0.05ND	No	18	100	n/a	0.05263	NP Intra (NDs)
Ammonia-N (mg/L)	DW-29	0.1353	n/a	7/10/2025	0.027	No	18	94.44	n/a	0.05263	NP Intra (NDs) Deseas
Ammonia-N (mg/L)	DW-9	0.097	n/a	7/10/2025	0.05ND	No	8	75	n/a	0.1111	NP Intra (NDs)
Ammonia-N (mg/L)	DW-30	0.041	n/a	7/14/2025	0.05ND	No	4	100	n/a	0.2	NP Intra (NDs)
Ammonia-N (mg/L)	DW-31	0.047	n/a	7/15/2025	0.05ND	No	4	75	n/a	0.2	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-15	6	n/a	7/16/2025	2ND	No	17	88.24	n/a	0.05556	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-16	3	n/a	7/16/2025	2ND	No	26	84.62	n/a	0.03704	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-17	6	n/a	7/14/2025	2ND	No	18	72.22	n/a	0.05263	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-29	34.88	n/a	7/10/2025	2ND	No	17	17.65	No	0.01	Param Intra
Chemical Oxygen Demand (mg/L)	DW-9	9	n/a	7/10/2025	2ND	No	8	62.5	n/a	0.1111	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-30	19.81	n/a	7/14/2025	2ND	No	4	50	No	0.01	Param Intra
Chemical Oxygen Demand (mg/L)	DW-31	120.4	n/a	7/15/2025	16	No	4	0	No	0.01	Param Intra
Chloride (mg/l)	DW-15	82.28	n/a	7/16/2025	76	No	17	0	No	0.01	Param Intra
Chloride (mg/l)	DW-16	118.9	n/a	7/16/2025	110	No	26	0	No	0.01	Param Intra
Chloride (mg/l)	DW-17	165.8	n/a	7/14/2025	160	No	17	0	No	0.01	Param Intra
Chloride (mg/l)	DW-29	112.3	n/a	7/10/2025	93	No	17	0	No	0.01	Param Intra
Chloride (mg/l)	DW-9	103.3	n/a	7/10/2025	83	No	8	0	No	0.01	Param Intra
Chloride (mg/l)	DW-30	74.59	n/a	7/14/2025	61	No	4	0	No	0.01	Param Intra
Chloride (mg/l)	DW-31	167.9	n/a	7/15/2025	82	No	4	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-15	0.18	n/a	7/16/2025	0.05ND	No	17	88.24	n/a	0.05556	NP Intra (NDs)
Nitrate as N (mg/L)	DW-16	2.658	n/a	7/16/2025	2.3	No	26	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-17	1.506	n/a	7/14/2025	0.98	No	19	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-29	3.912	n/a	7/10/2025	2.738	No	17	0	No	0.01	Param Intra Deseas
Nitrate as N (mg/L)	DW-9	2.696	n/a	7/10/2025	2.3	No	8	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-30	2.177	n/a	7/14/2025	0.23	No	4	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-31	0.9592	n/a	7/15/2025	0.05ND	No	4	25	No	0.01	Param Intra
Potassium (mg/L)	DW-15	5.162	n/a	7/16/2025	2.9	No	18	0	No	0.01	Param Intra
Potassium (mg/L)	DW-16	1.906	n/a	7/16/2025	0.92	No	26	0	No	0.01	Param Intra
Potassium (mg/L)	DW-17	1.385	n/a	7/14/2025	0.8059	No	18	0	No	0.01	Param Intra Deseas
Potassium (mg/L)	DW-29	2.873	n/a	7/10/2025	1.4	No	18	0	No	0.01	Param Intra
Potassium (mg/L)	DW-9	2.477	n/a	7/10/2025	1.4	No	8	0	No	0.01	Param Intra
Potassium (mg/L)	DW-30	3.393	n/a	7/14/2025	1.5	No	4	0	No	0.01	Param Intra
Potassium (mg/L)	DW-31	3.51	n/a	7/15/2025	1.3	No	4	0	No	0.01	Param Intra
Sodium (mg/L)	DW-15	504	n/a	7/16/2025	410	No	17	0	No	0.01	Param Intra
Sodium (mg/L)	DW-16	290.9	n/a	7/16/2025	240	No	26	0	No	0.01	Param Intra
Sodium (mg/L)	DW-17	269.7	n/a	7/14/2025	210	No	19	0	No	0.01	Param Intra
Sodium (mg/L)	DW-29	305	n/a	7/10/2025	230	No	17	0	No	0.01	Param Intra
Sodium (mg/L)	DW-9	559.9	n/a	7/10/2025	380	No	8	0	No	0.01	Param Intra
Sodium (mg/L)	DW-30	241.4	n/a	7/14/2025	190	No	4	0	No	0.01	Param Intra
Sodium (mg/L)	DW-31	191.5	n/a	7/15/2025	110	No	4	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-15	1732	n/a	7/16/2025	1500	No	17	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-16	219.2	n/a	7/16/2025	190	No	26	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-17	207.6	n/a	7/14/2025	190	No	17	0	No	0.01	Param Intra

Prediction Limit

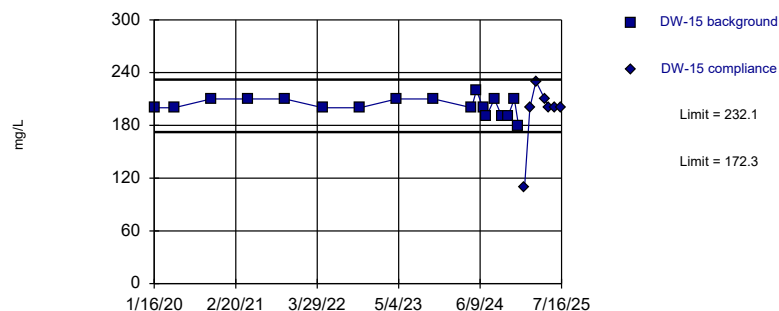
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019 Printed 9/5/2025, 4:29 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Sulfate (mg/L)	DW-29	468.4	n/a	7/10/2025	360	No	17	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-9	750	n/a	7/10/2025	710	No	8	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-30	421	n/a	7/14/2025	320	No	4	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-31	623.6	n/a	7/15/2025	290	No	4	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-15	2540	n/a	7/16/2025	2500	No	17	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-16	864.9	n/a	7/16/2025	750	No	26	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-17	718.6	n/a	7/14/2025	700	No	17	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-29	1078	n/a	7/10/2025	923.3	No	17	0	No	0.01	Param Intra Deseas
Total Dissolved Solids (mg/L)	DW-9	1502	n/a	7/10/2025	1300	No	8	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-30	1017	n/a	7/14/2025	800	No	4	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-31	1779	n/a	7/15/2025	980	No	4	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-15	6.139	n/a	7/16/2025	1.4	No	18	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-16	4.783	n/a	7/16/2025	1.3	No	26	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-17	5.405	n/a	7/14/2025	1.3	No	19	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-29	13.52	n/a	7/10/2025	6.2	No	18	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-9	7.824	n/a	7/10/2025	1.3	No	8	0	No	0.01	Param Intra

Within Limits

Prediction Limit

Intrawell Parametric



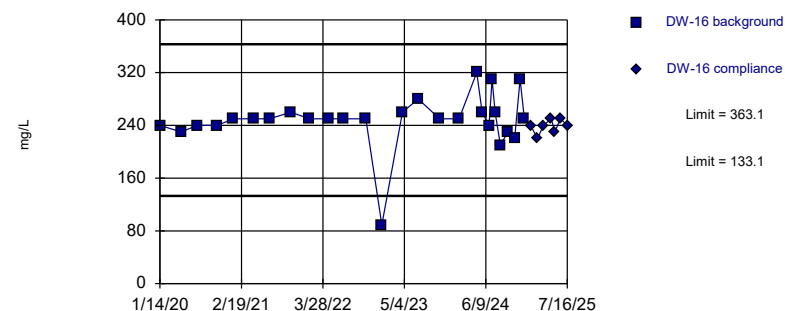
Background Data Summary: Mean=202.2, Std. Dev.=10.03, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO₃ Analysis Run 9/5/2025 4:27 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limits

Prediction Limit

Intrawell Parametric



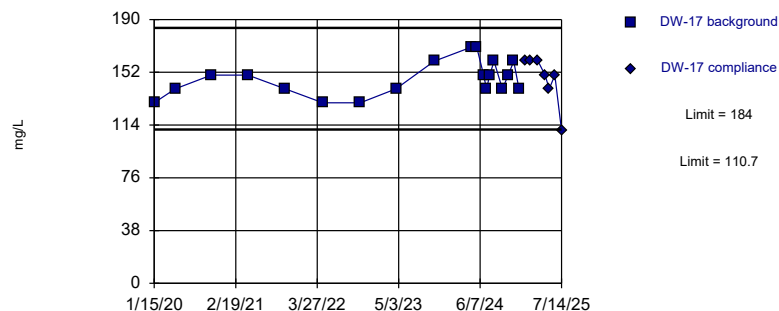
Background Data Summary: Mean=248.1, Std. Dev.=40.63, n=27. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO₃ Analysis Run 9/5/2025 4:27 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Exceeds Limits

Prediction Limit

Intrawell Parametric



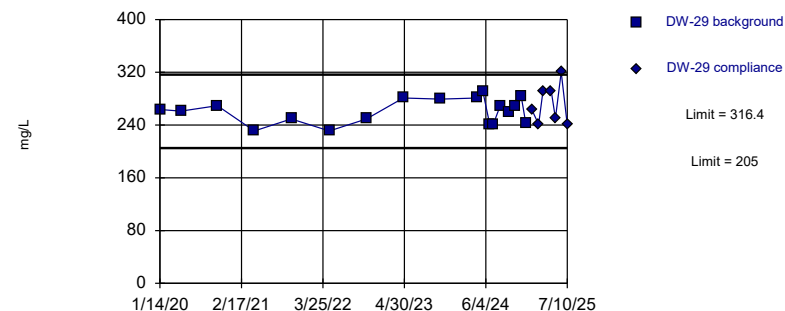
Background Data Summary: Mean=147.4, Std. Dev.=12.4, n=19. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO₃ Analysis Run 9/5/2025 4:27 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limits

Prediction Limit

Intrawell Parametric



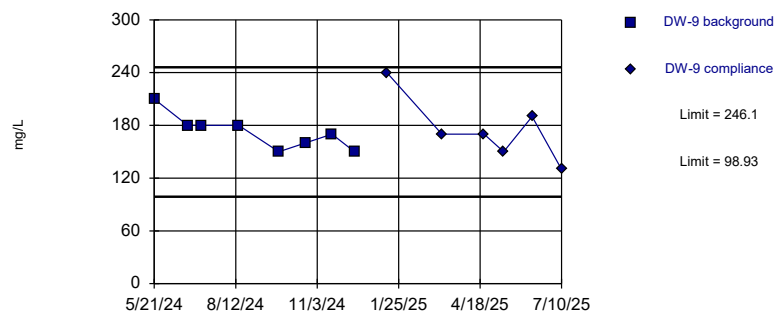
Background Data Summary: Mean=260.7, Std. Dev.=18.71, n=18. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO₃ Analysis Run 9/5/2025 4:27 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limits

Prediction Limit

Intrawell Parametric



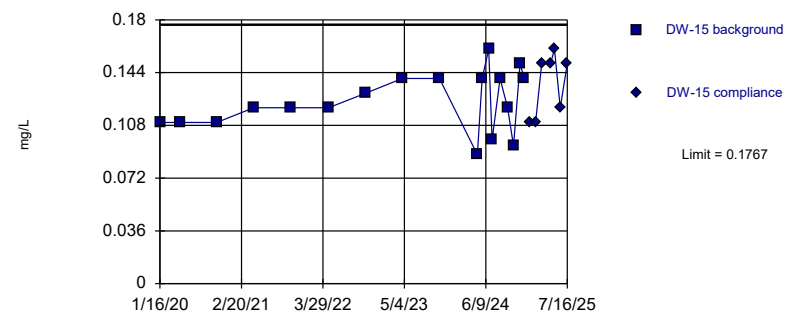
Background Data Summary: Mean=172.5, Std. Dev.=19.82, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO₃ Analysis Run 9/5/2025 4:27 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



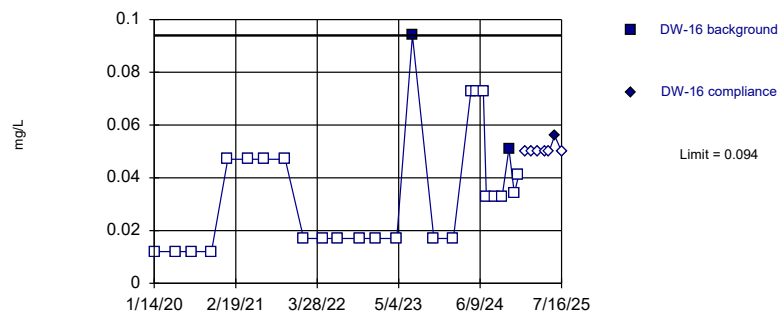
Background Data Summary: Mean=0.1239, Std. Dev.=0.02002, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Ammonia-N Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



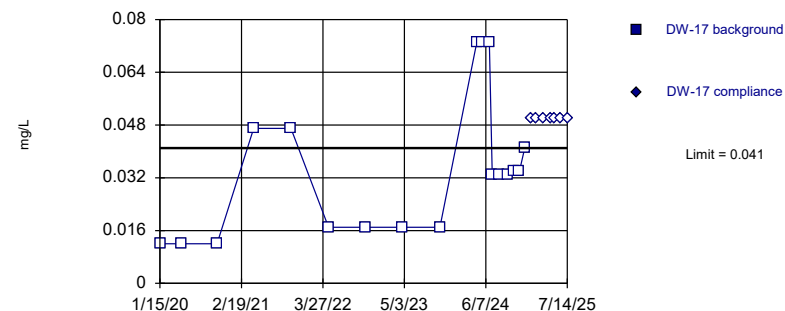
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 92.31% NDs. Report alpha = 0.03704. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Ammonia-N Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



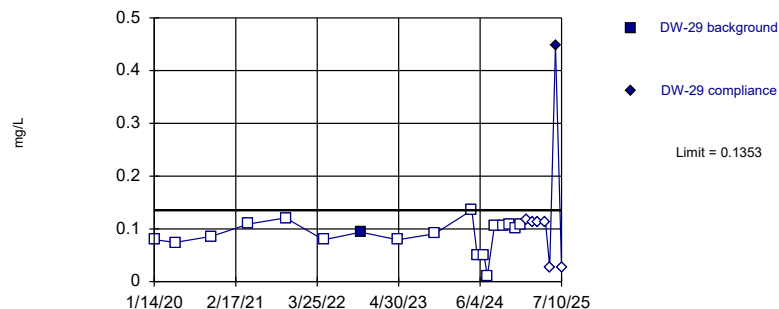
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 18) were censored; limit is most recent reporting limit. Report alpha = 0.05263. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Ammonia-N Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



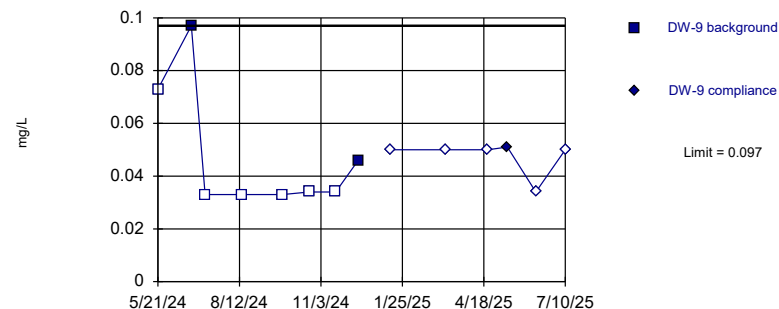
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 94.44% NDs. Report alpha = 0.05263. Most recent point compared to limit. Data were deseasonalized.

Constituent: Ammonia-N Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



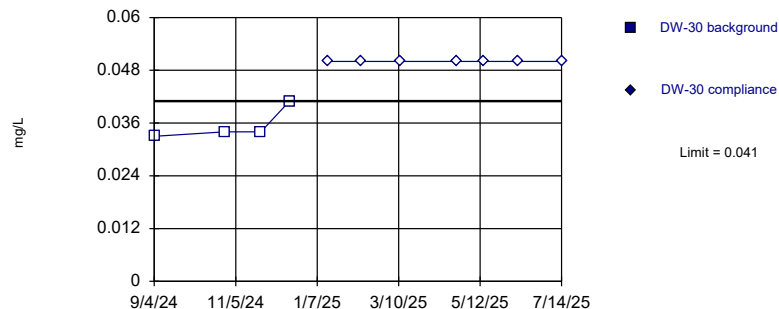
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Report alpha = 0.1111. Most recent point compared to limit. Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Ammonia-N Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



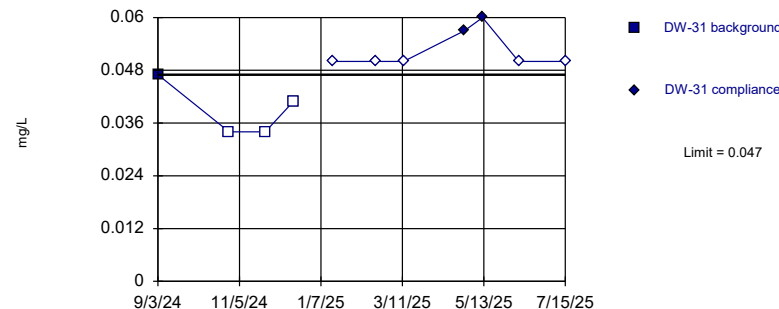
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 4) were censored; limit is most recent reporting limit. Report alpha = 0.2. Most recent point compared to limit. Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Ammonia-N Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



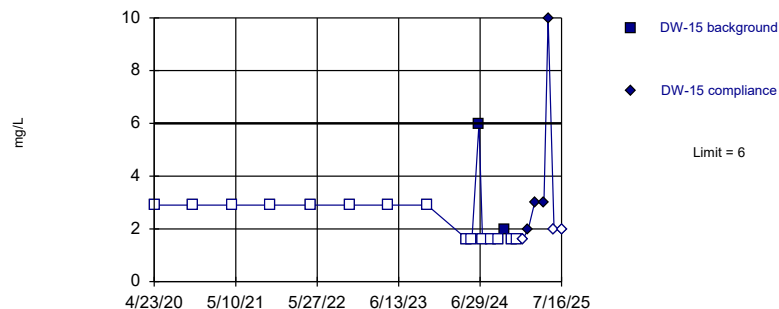
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 4 background values. 75% NDs. Report alpha = 0.2. Most recent point compared to limit. Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Ammonia-N Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



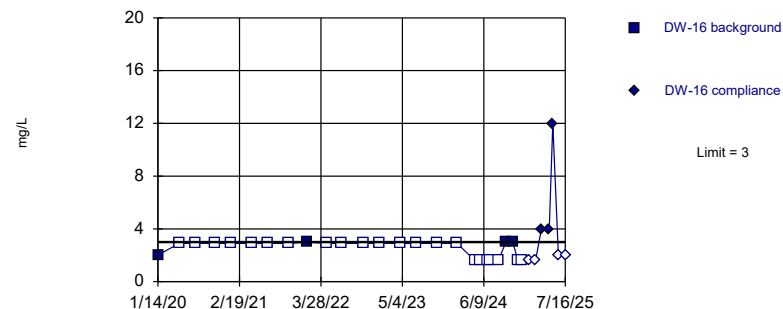
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Report alpha = 0.05556. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Chemical Oxygen Demand Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



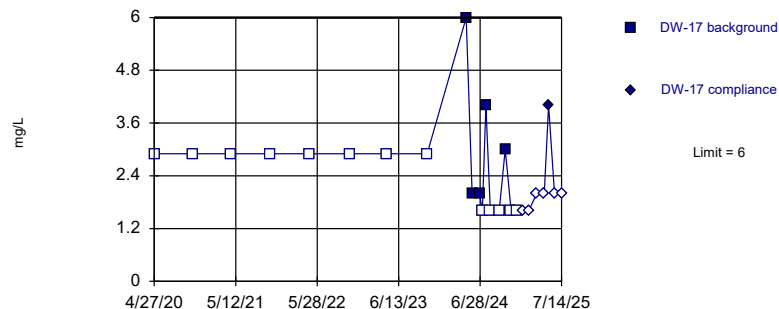
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 84.62% NDs. Report alpha = 0.03704. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Chemical Oxygen Demand Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



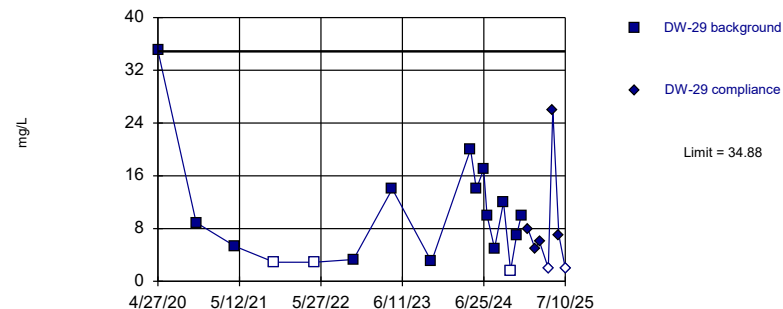
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 72.22% NDs. Report alpha = 0.05263. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Chemical Oxygen Demand Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



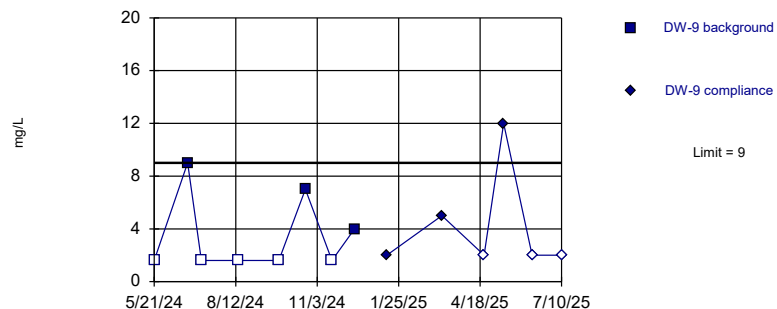
Background Data Summary (after Cohen's Adjustment): Mean=9.152, Std. Dev.=9.677, n=17, 17.65% NDs. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chemical Oxygen Demand Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



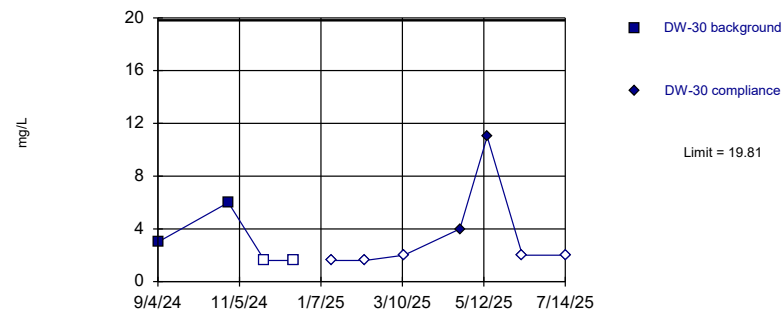
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 62.5% NDs. Report alpha = 0.1111. Most recent point compared to limit. Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Chemical Oxygen Demand Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



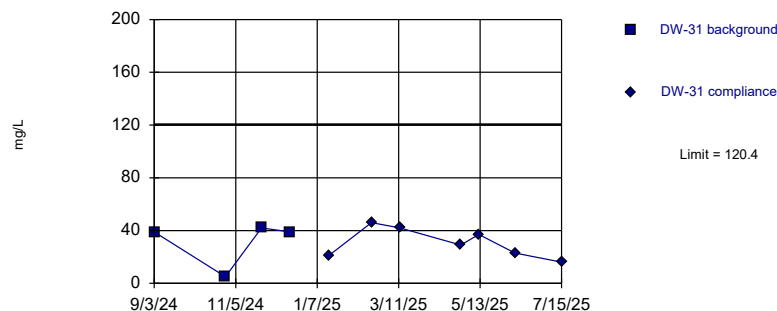
Background Data Summary (after Cohen's Adjustment): Mean=1.625, Std. Dev.=3.583, n=4, 50% NDs. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chemical Oxygen Demand Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



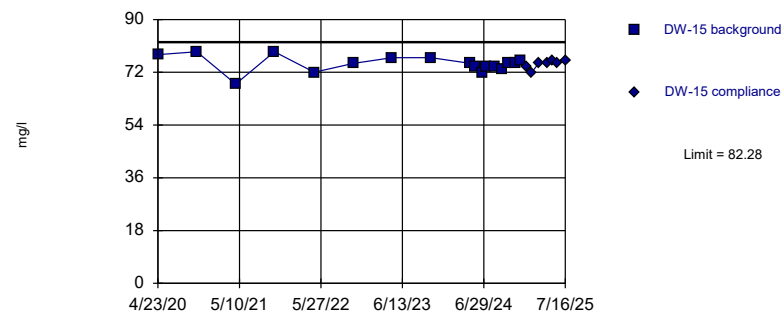
Background Data Summary: Mean=31.25, Std. Dev.=17.56, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chemical Oxygen Demand Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



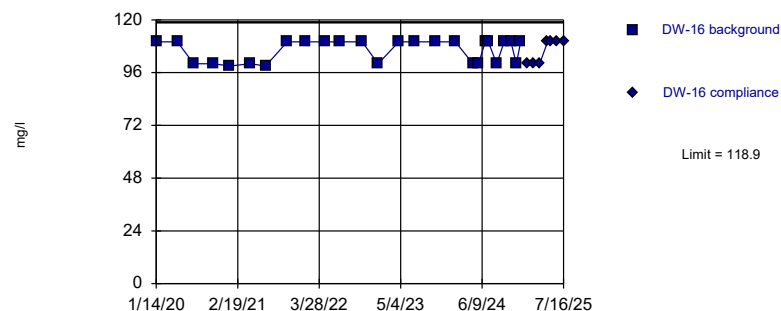
Background Data Summary: Mean=74.88, Std. Dev.=2.781, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



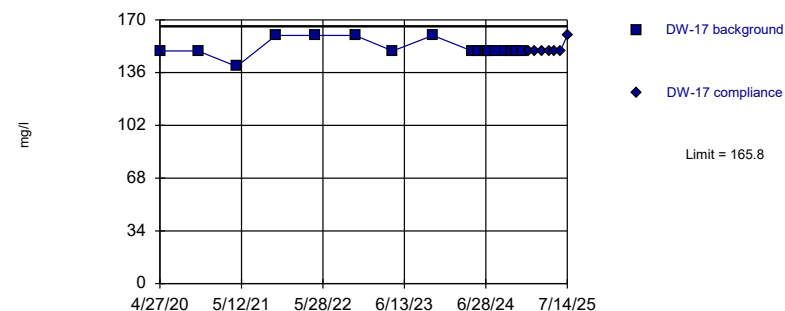
Background Data Summary: Mean=106.1, Std. Dev.=5.067, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



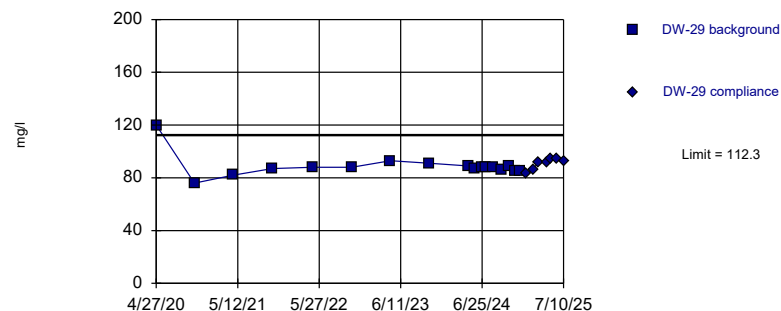
Background Data Summary: Mean=151.8, Std. Dev.=5.286, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



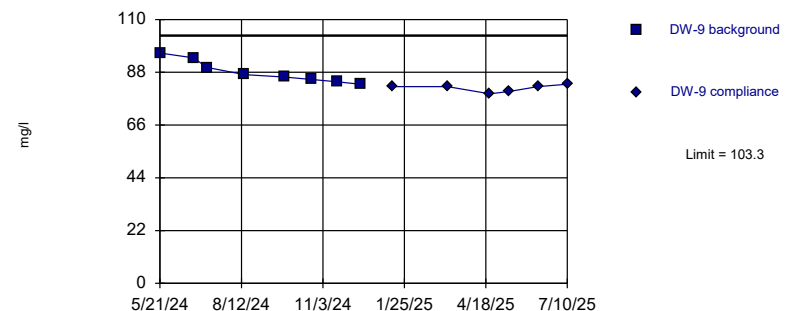
Background Data Summary: Mean=88.82, Std. Dev.=8.848, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



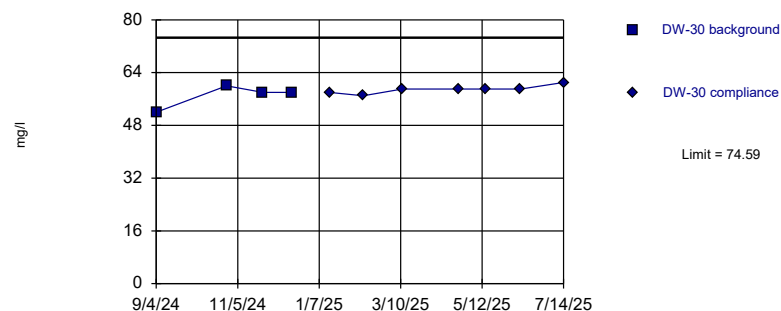
Background Data Summary: Mean=88.13, Std. Dev.=4.764, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



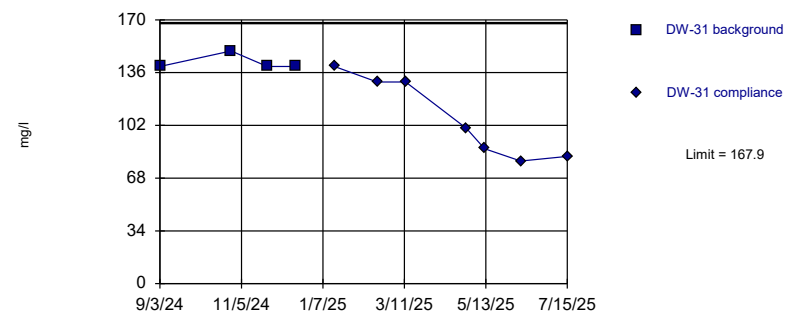
Background Data Summary: Mean=57, Std. Dev.=3.464, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



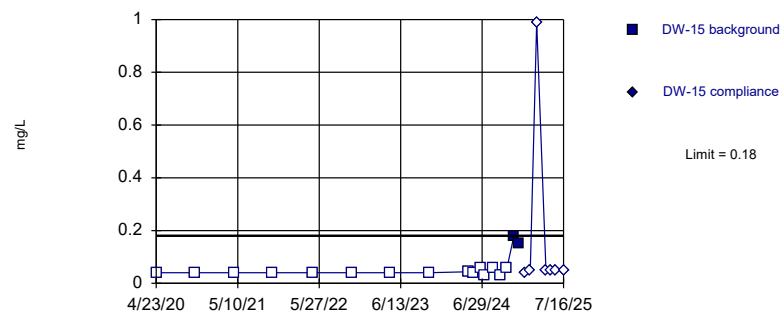
Background Data Summary: Mean=142.5, Std. Dev.=5, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



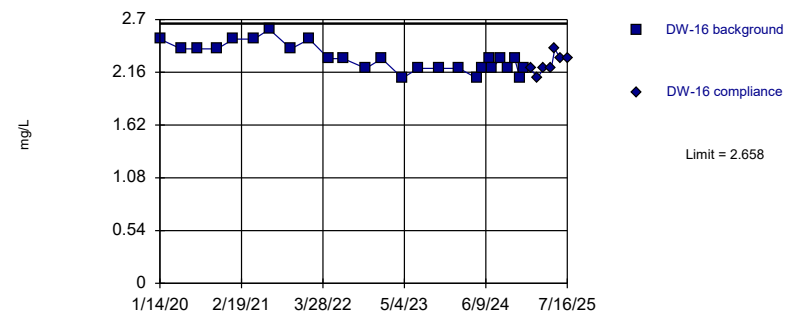
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Report alpha = 0.05556. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Nitrate as N Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



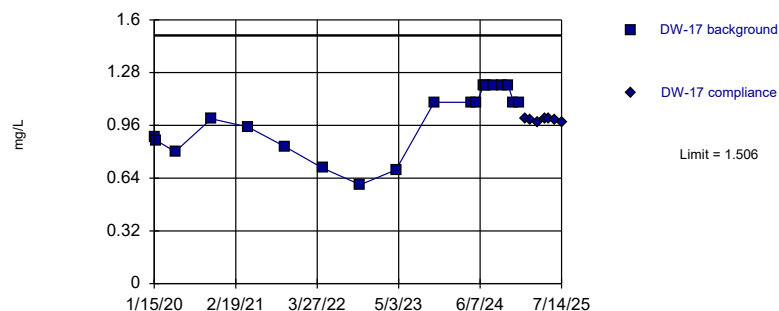
Background Data Summary: Mean=2.304, Std. Dev.=0.1399, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



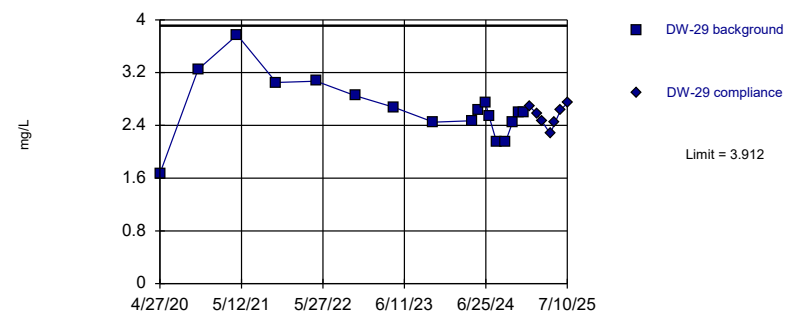
Background Data Summary: Mean=0.9911, Std. Dev.=0.1965, n=19. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



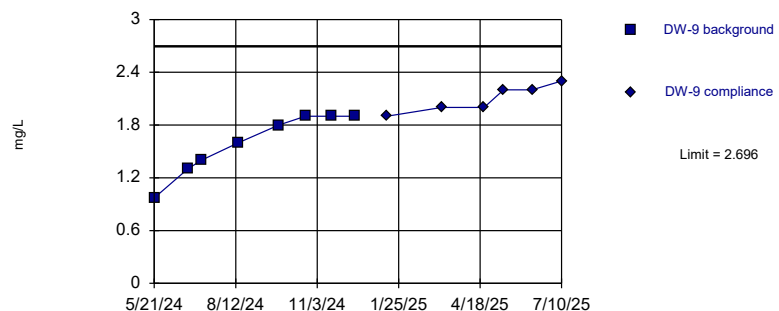
Background Data Summary: Mean=2.652, Std. Dev.=0.4739, n=17. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



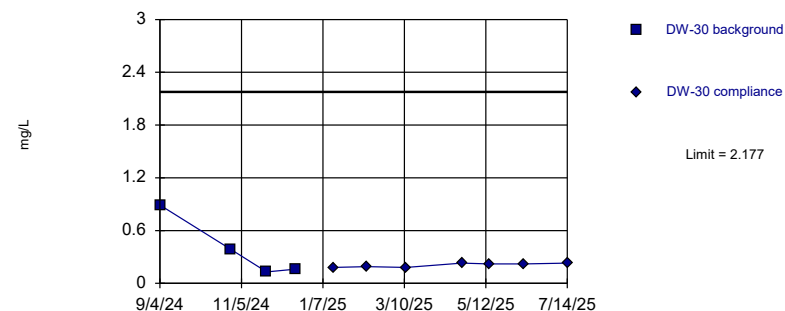
Background Data Summary: Mean=1.596, Std. Dev.=0.3457, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



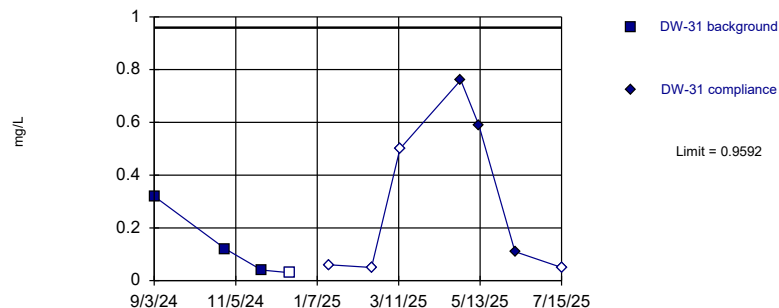
Background Data Summary: Mean=0.3925, Std. Dev.=0.3514, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



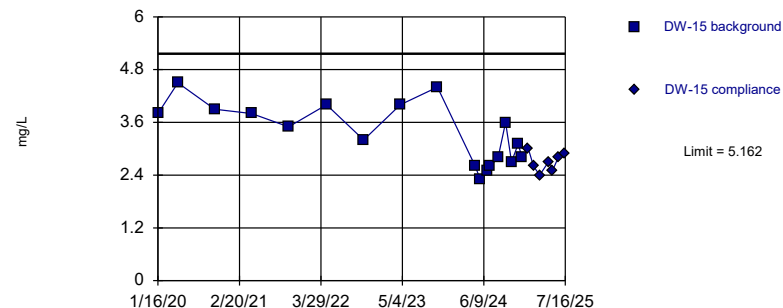
Background Data Summary (after Cohen's Adjustment): Mean=0.09929, Std. Dev.=0.1694, n=4, 25% NDs. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



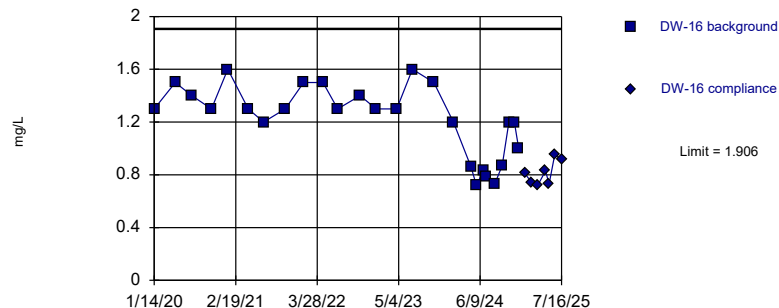
Background Data Summary: Mean=3.339, Std. Dev.=0.6912, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Potassium Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



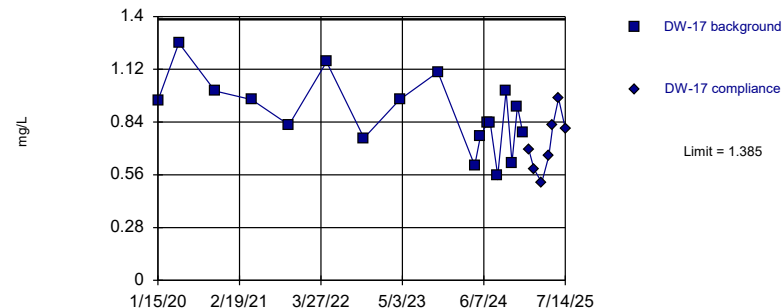
Background Data Summary: Mean=1.219, Std. Dev.=0.2714, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Potassium Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



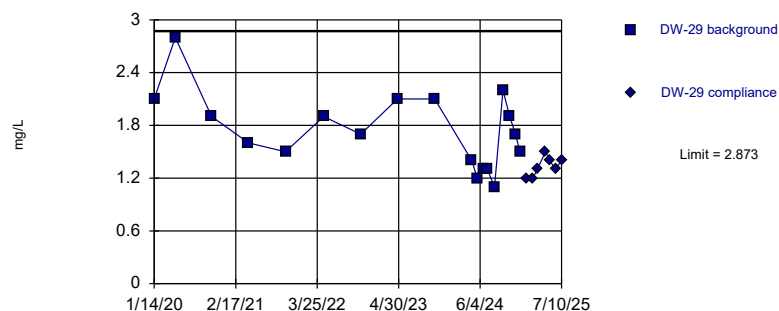
Background Data Summary: Mean=0.8845, Std. Dev.=0.1897, n=18. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Potassium Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric

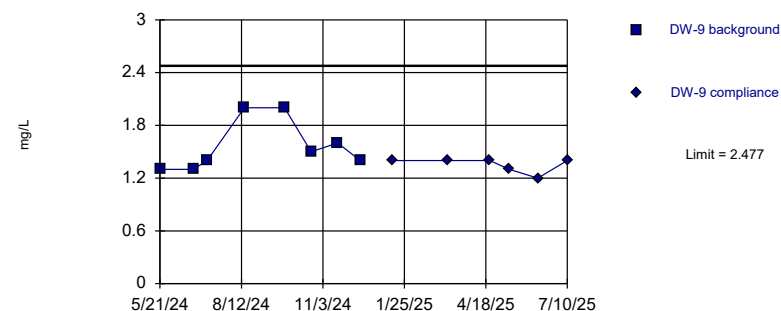


Background Data Summary: Mean=1.739, Std. Dev.=0.43, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.563, Std. Dev.=0.2875, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

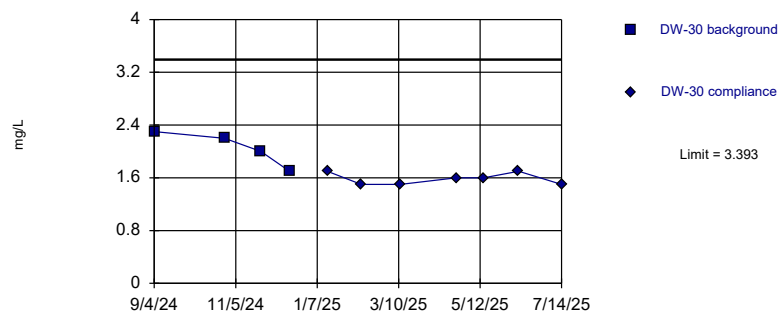
Constituent: Potassium Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Constituent: Potassium Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric

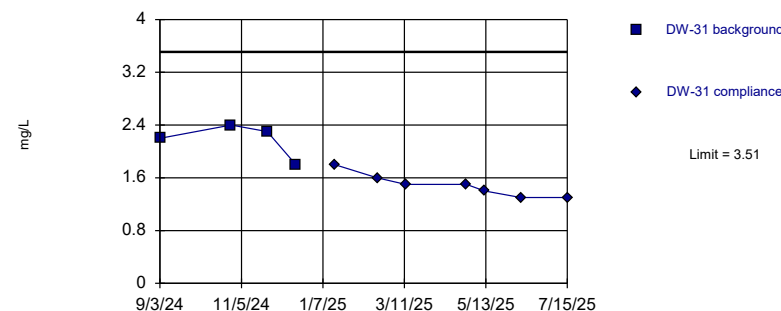


Background Data Summary: Mean=2.05, Std. Dev.=0.2646, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.175, Std. Dev.=0.263, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

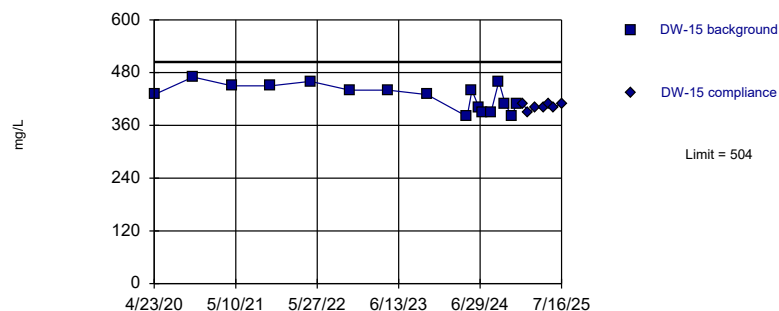
Constituent: Potassium Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Constituent: Potassium Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



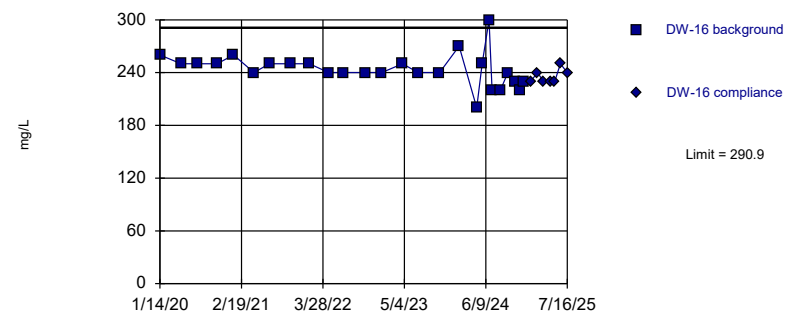
Background Data Summary: Mean=425.3, Std. Dev.=29.61, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



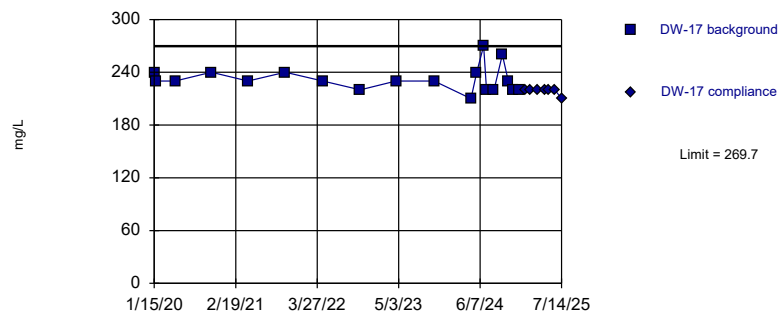
Background Data Summary: Mean=243.5, Std. Dev.=18.75, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



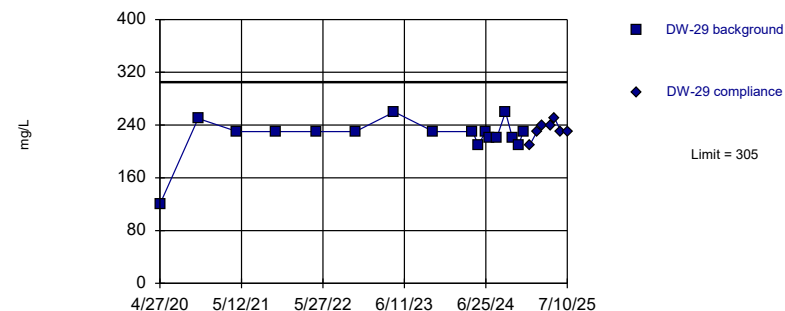
Background Data Summary: Mean=232.1, Std. Dev.=14.37, n=19. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



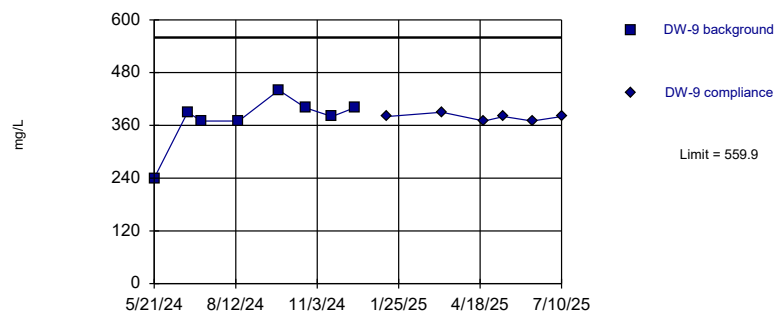
Background Data Summary: Mean=224.1, Std. Dev.=30.43, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



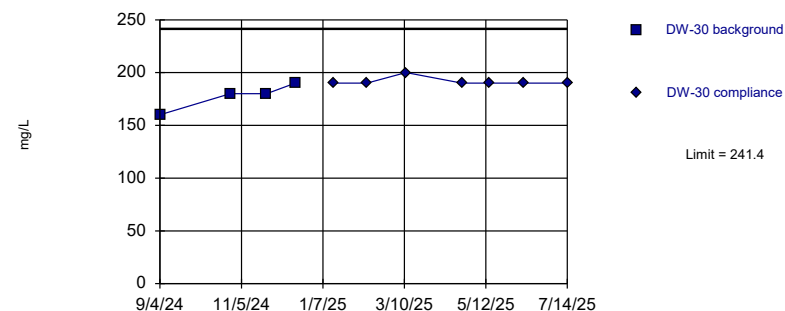
Background Data Summary: Mean=373.8, Std. Dev.=58.54, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
 Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



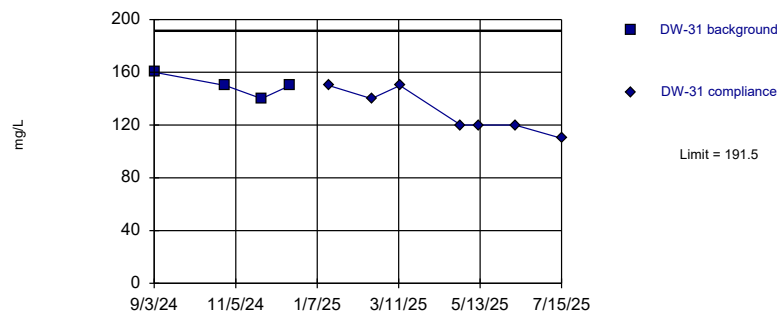
Background Data Summary: Mean=177.5, Std. Dev.=12.58, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
 Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



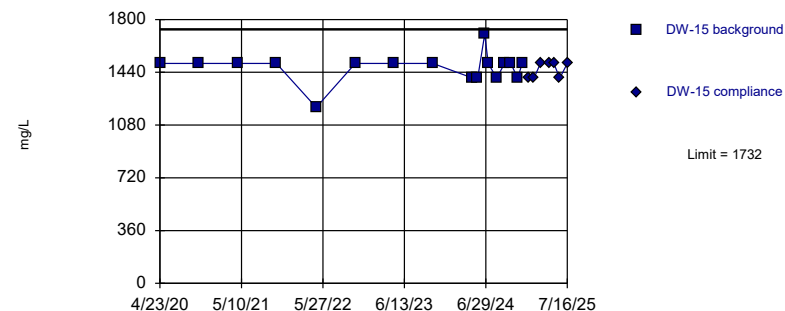
Background Data Summary: Mean=150, Std. Dev.=8.165, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
 Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



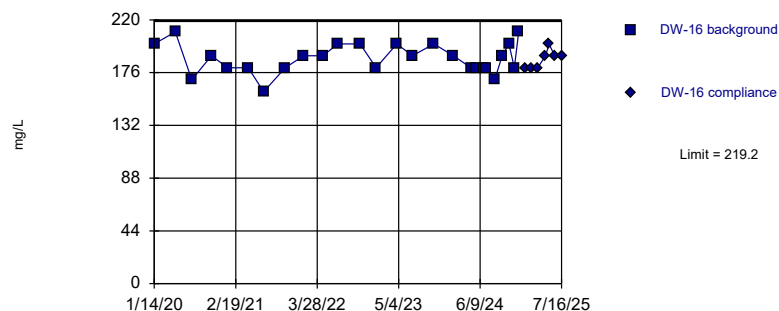
Background Data Summary: Mean=1471, Std. Dev.=98.52, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
 Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



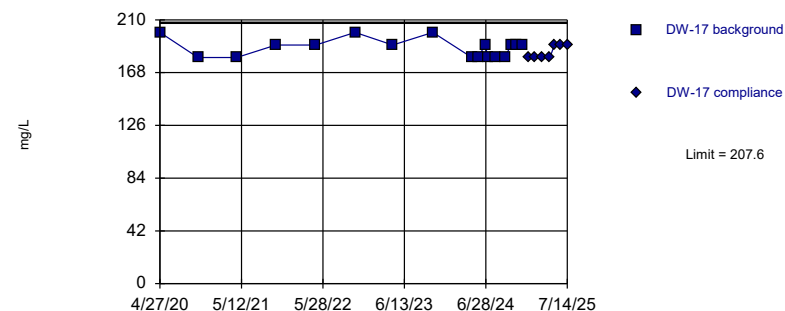
Background Data Summary: Mean=187.7, Std. Dev.=12.43, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



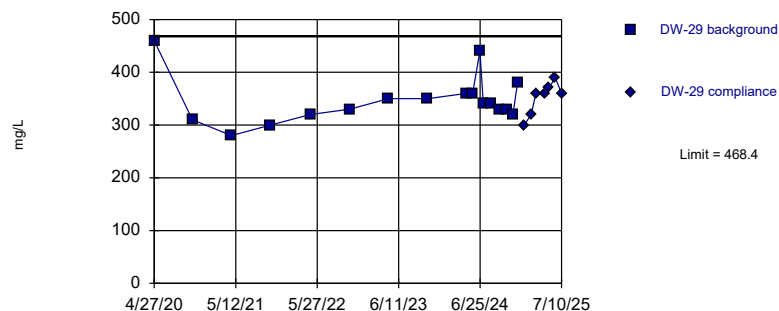
Background Data Summary: Mean=187.6, Std. Dev.=7.524, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



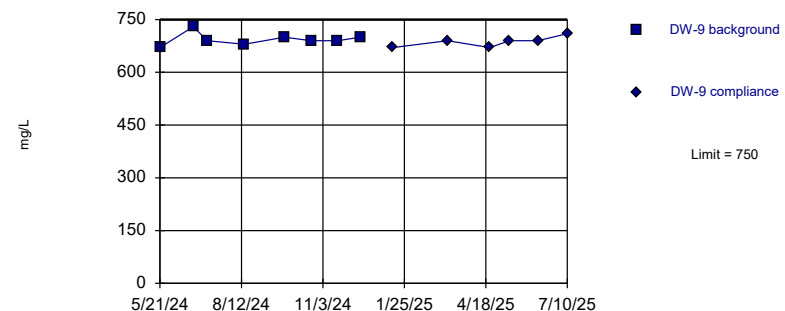
Background Data Summary: Mean=347.1, Std. Dev.=45.66, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



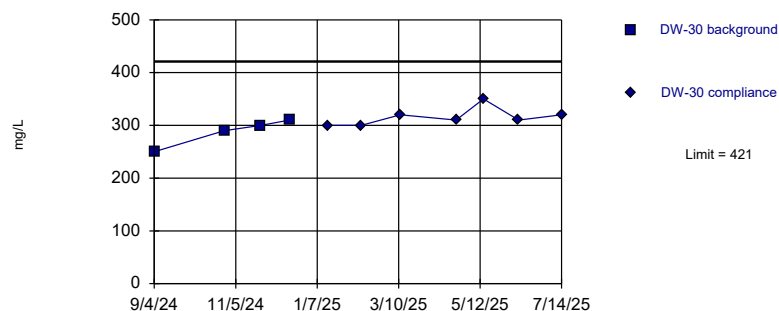
Background Data Summary: Mean=693.8, Std. Dev.=17.68, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



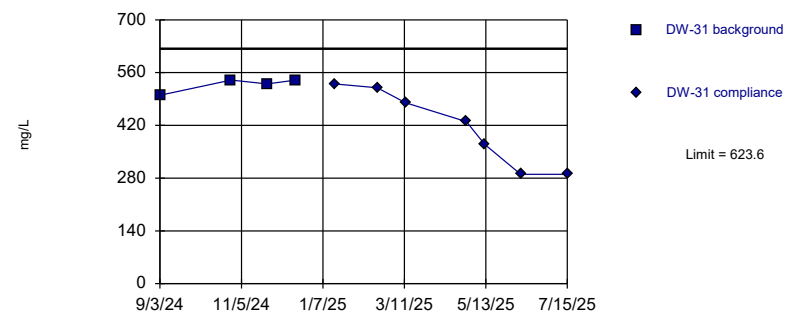
Background Data Summary: Mean=287.5, Std. Dev.=26.3, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



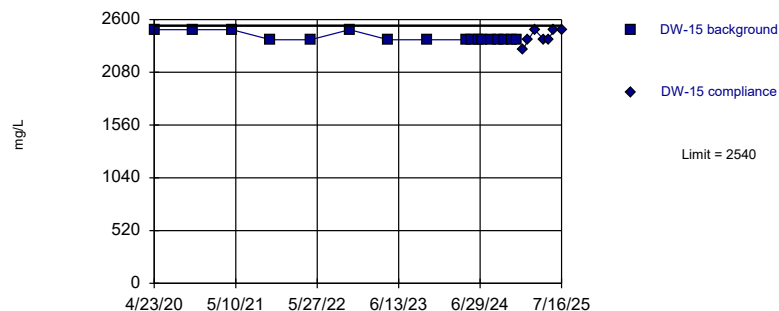
Background Data Summary: Mean=527.5, Std. Dev.=18.93, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



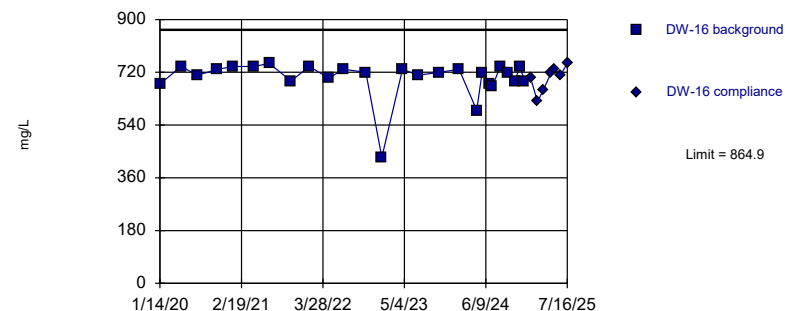
Background Data Summary: Mean=2424, Std. Dev.=43.72, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



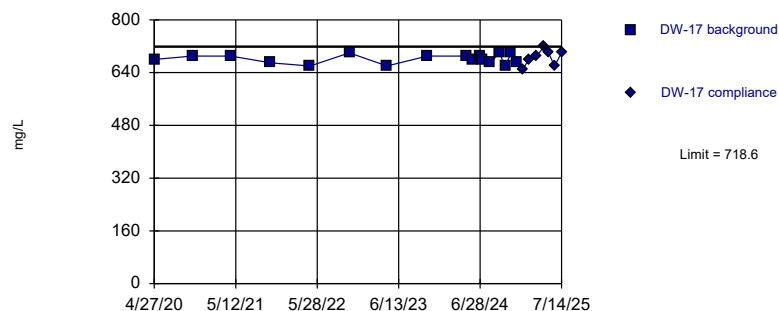
Background Data Summary: Mean=701.2, Std. Dev.=64.64, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



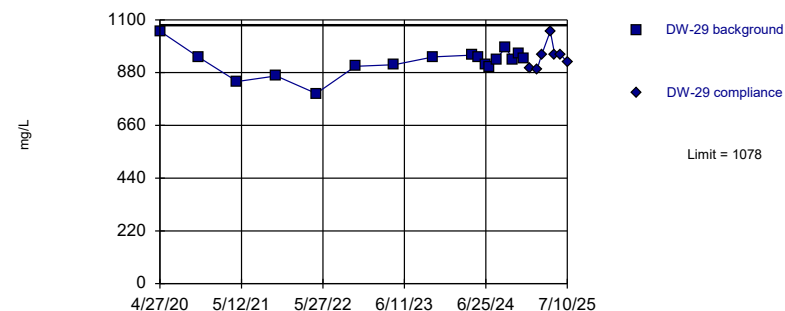
Background Data Summary: Mean=681.2, Std. Dev.=14.09, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



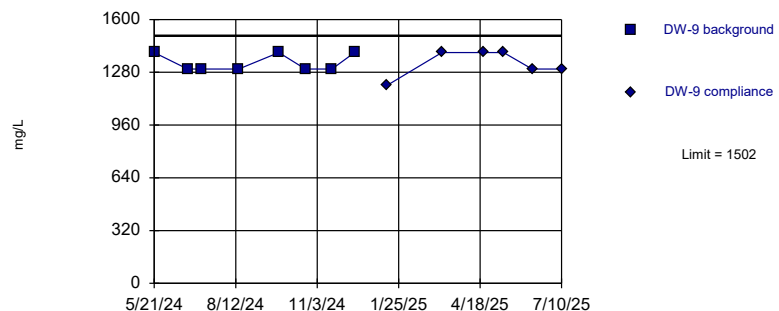
Background Data Summary: Mean=925.5, Std. Dev.=57.22, n=17. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



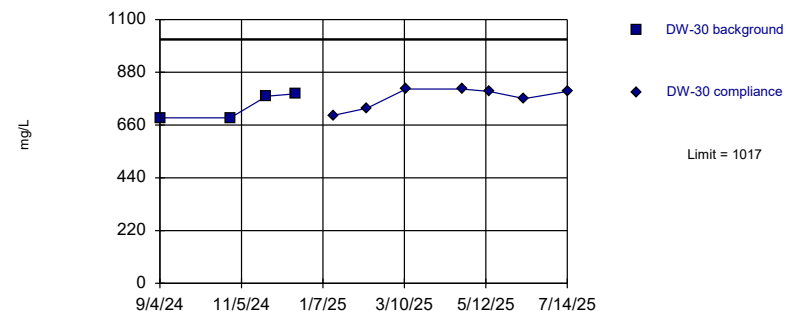
Background Data Summary: Mean=1338, Std. Dev.=51.75, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



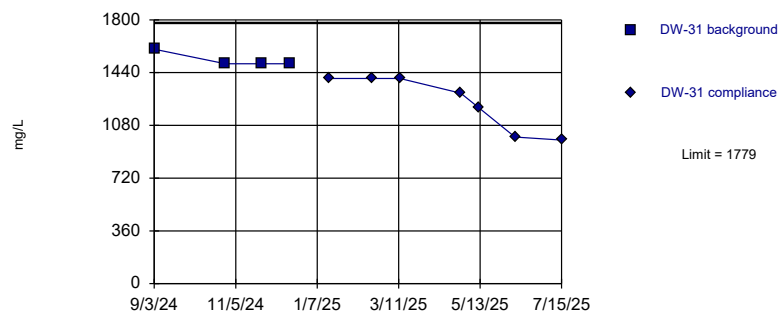
Background Data Summary: Mean=737.5, Std. Dev.=55, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



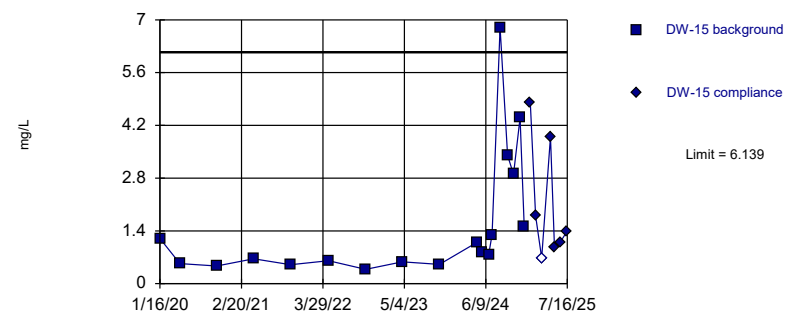
Background Data Summary: Mean=1525, Std. Dev.=50, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



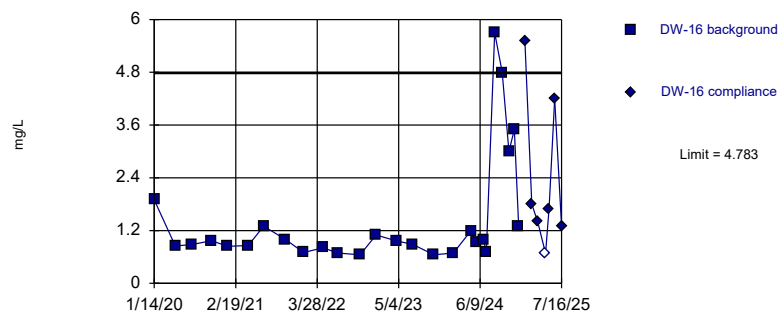
Background Data Summary: Mean=1.58, Std. Dev.=1.729, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Organic Carbon Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



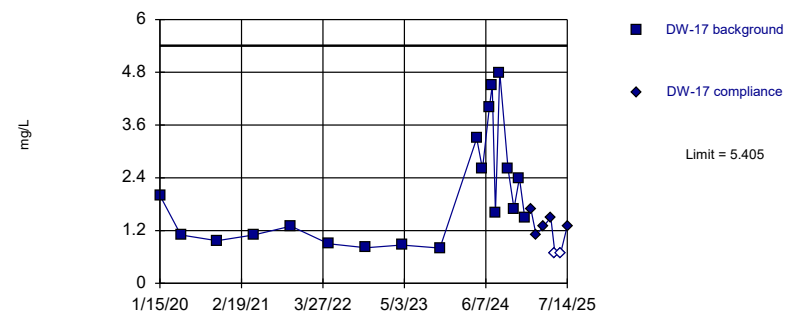
Background Data Summary: Mean=1.457, Std. Dev.=1.314, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Organic Carbon Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric

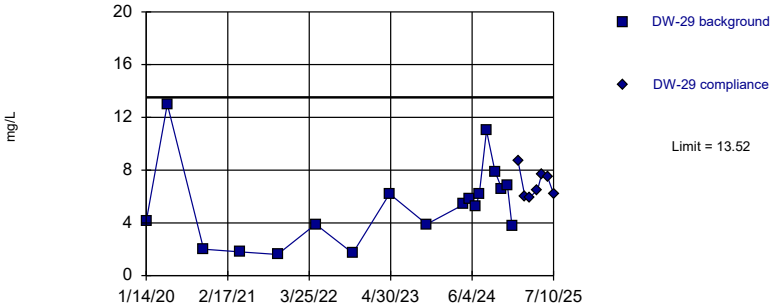


Background Data Summary: Mean=2.045, Std. Dev.=1.283, n=19. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Organic Carbon Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit
Intrawell Parametric

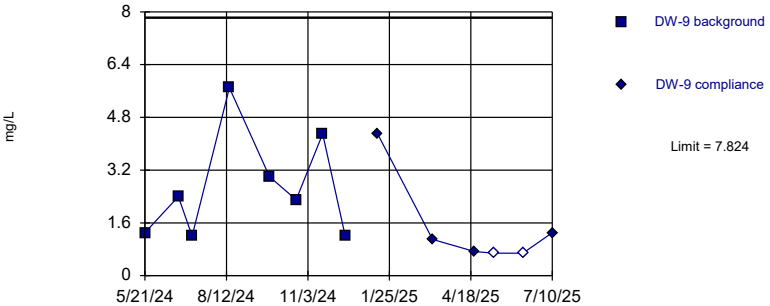


Background Data Summary: Mean=5.389, Std. Dev.=3.083, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Organic Carbon Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=2.675, Std. Dev.=1.619, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Organic Carbon Analysis Run 9/5/2025 4:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Prediction Limit

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019 Printed 9/18/2025, 1:34 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Alkalinity, Total as CaCO3 (mg/L)	DW-15	232.1	172.3	8/7/2025	210	No	18	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-16	363.1	133.1	8/12/2025	230	No	27	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-17	184	110.7	8/11/2025	130	No	19	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-29	323.6	189.7	8/6/2025	290	No	18	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-9	246.1	98.93	8/6/2025	170	No	8	0	No	0.005	Param Intra
Ammonia-N (mg/L)	DW-15	0.1767	n/a	8/7/2025	0.19	Yes	18	0	No	0.01	Param Intra
Ammonia-N (mg/L)	DW-16	0.094	n/a	8/12/2025	0.05ND	No	26	92.31	n/a	0.03704	NP Intra (NDs)
Ammonia-N (mg/L)	DW-17	0.041	n/a	8/11/2025	0.05ND	No	18	100	n/a	0.05263	NP Intra (NDs)
Ammonia-N (mg/L)	DW-29	0.073	n/a	8/6/2025	0.05ND	No	18	94.44	n/a	0.05263	NP Intra (NDs)
Ammonia-N (mg/L)	DW-9	0.097	n/a	8/6/2025	0.083J	No	8	75	n/a	0.1111	NP Intra (NDs)
Ammonia-N (mg/L)	DW-30	0.041	n/a	8/11/2025	0.05ND	No	4	100	n/a	0.2	NP Intra (NDs)
Ammonia-N (mg/L)	DW-31	0.047	n/a	8/11/2025	0.05ND	No	4	75	n/a	0.2	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-15	6	n/a	8/7/2025	2ND	No	17	88.24	n/a	0.05556	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-16	3	n/a	8/12/2025	2ND	No	26	84.62	n/a	0.03704	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-17	6	n/a	8/11/2025	2ND	No	18	72.22	n/a	0.05263	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-29	34.88	n/a	8/6/2025	10	No	17	17.65	No	0.01	Param Intra
Chemical Oxygen Demand (mg/L)	DW-9	9	n/a	8/6/2025	4	No	8	62.5	n/a	0.1111	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-30	19.81	n/a	8/11/2025	2ND	No	4	50	No	0.01	Param Intra
Chemical Oxygen Demand (mg/L)	DW-31	120.4	n/a	8/11/2025	26	No	4	0	No	0.01	Param Intra
Chloride (mg/l)	DW-15	82.28	n/a	8/7/2025	75	No	17	0	No	0.01	Param Intra
Chloride (mg/l)	DW-16	118.9	n/a	8/12/2025	110	No	26	0	No	0.01	Param Intra
Chloride (mg/l)	DW-17	165.8	n/a	8/11/2025	150	No	17	0	No	0.01	Param Intra
Chloride (mg/l)	DW-29	112.3	n/a	8/6/2025	89	No	17	0	No	0.01	Param Intra
Chloride (mg/l)	DW-9	103.3	n/a	8/6/2025	79	No	8	0	No	0.01	Param Intra
Chloride (mg/l)	DW-30	74.59	n/a	8/11/2025	58	No	4	0	No	0.01	Param Intra
Chloride (mg/l)	DW-31	167.9	n/a	8/11/2025	85	No	4	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-15	0.18	n/a	8/7/2025	0.05ND	No	17	88.24	n/a	0.05556	NP Intra (NDs)
Nitrate as N (mg/L)	DW-16	2.658	n/a	8/12/2025	2.2	No	26	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-17	1.506	n/a	8/11/2025	0.93	No	19	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-29	3.929	n/a	8/6/2025	2.204	No	17	0	No	0.01	Param Intra Deseas
Nitrate as N (mg/L)	DW-9	2.696	n/a	8/6/2025	2.3	No	8	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-30	1.454	n/a	8/11/2025	0.005	No	4	0	No	0.01	Param Intra Deseas
Nitrate as N (mg/L)	DW-31	0.9592	n/a	8/11/2025	0.05ND	No	4	25	No	0.01	Param Intra
Potassium (mg/L)	DW-15	5.162	n/a	8/7/2025	2.6	No	18	0	No	0.01	Param Intra
Potassium (mg/L)	DW-16	1.906	n/a	8/12/2025	0.93	No	26	0	No	0.01	Param Intra
Potassium (mg/L)	DW-17	1.387	n/a	8/11/2025	0.7933	No	18	0	No	0.01	Param Intra Deseas
Potassium (mg/L)	DW-29	2.873	n/a	8/6/2025	1.6	No	18	0	No	0.01	Param Intra
Potassium (mg/L)	DW-9	2.477	n/a	8/6/2025	1.7	No	8	0	No	0.01	Param Intra
Potassium (mg/L)	DW-30	2.576	n/a	8/11/2025	1.458	No	4	0	No	0.01	Param Intra Deseas
Potassium (mg/L)	DW-31	3.083	n/a	8/11/2025	1.258	No	4	0	No	0.01	Param Intra Deseas
Sodium (mg/L)	DW-15	504	n/a	8/7/2025	390	No	17	0	No	0.01	Param Intra
Sodium (mg/L)	DW-16	290.9	n/a	8/12/2025	230	No	26	0	No	0.01	Param Intra
Sodium (mg/L)	DW-17	269.7	n/a	8/11/2025	220	No	19	0	No	0.01	Param Intra
Sodium (mg/L)	DW-29	305	n/a	8/6/2025	230	No	17	0	No	0.01	Param Intra
Sodium (mg/L)	DW-9	559.9	n/a	8/6/2025	390	No	8	0	No	0.01	Param Intra
Sodium (mg/L)	DW-30	241.4	n/a	8/11/2025	190	No	4	0	No	0.01	Param Intra
Sodium (mg/L)	DW-31	191.5	n/a	8/11/2025	120	No	4	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-15	1732	n/a	8/7/2025	1500	No	17	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-16	219.2	n/a	8/12/2025	190	No	26	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-17	207.6	n/a	8/11/2025	180	No	17	0	No	0.01	Param Intra

Prediction Limit

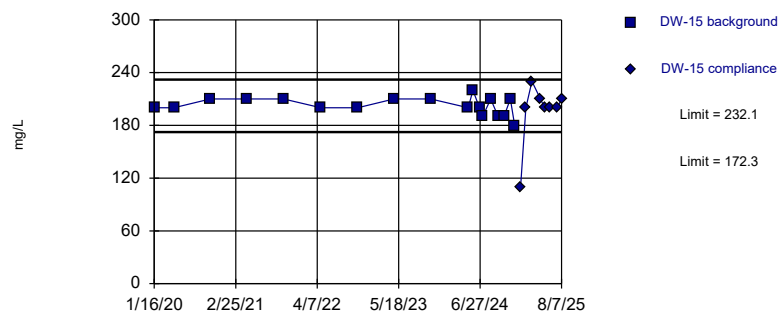
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019 Printed 9/18/2025, 1:34 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Sulfate (mg/L)	DW-29	468.4	n/a	8/6/2025	340	No	17	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-9	750	n/a	8/6/2025	690	No	8	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-30	421	n/a	8/11/2025	300	No	4	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-31	623.6	n/a	8/11/2025	290	No	4	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-15	2540	n/a	8/7/2025	2500	No	17	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-16	864.9	n/a	8/12/2025	790	No	26	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-17	718.6	n/a	8/11/2025	650	No	17	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-29	1074	n/a	8/6/2025	1025	No	17	0	No	0.01	Param Intra Deseas
Total Dissolved Solids (mg/L)	DW-9	1502	n/a	8/6/2025	1400	No	8	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-30	1017	n/a	8/11/2025	730	No	4	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-31	1779	n/a	8/11/2025	980	No	4	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-15	6.139	n/a	8/7/2025	0.94J	No	18	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-16	4.783	n/a	8/12/2025	0.24ND	No	26	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-17	5.405	n/a	8/11/2025	0.24ND	No	19	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-29	13.52	n/a	8/6/2025	3	No	18	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-9	7.824	n/a	8/6/2025	0.35J	No	8	0	No	0.01	Param Intra

Within Limits

Prediction Limit

Intrawell Parametric



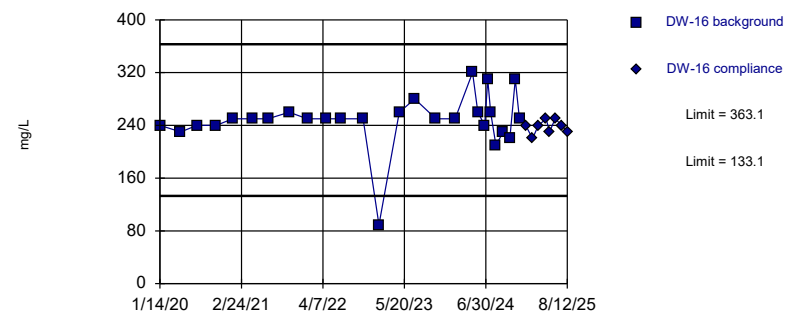
Background Data Summary: Mean=202.2, Std. Dev.=10.03, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO₃ Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limits

Prediction Limit

Intrawell Parametric



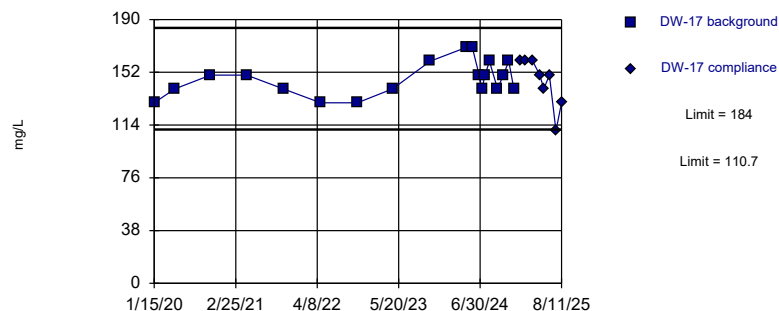
Background Data Summary: Mean=248.1, Std. Dev.=40.63, n=27. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO₃ Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limits

Prediction Limit

Intrawell Parametric



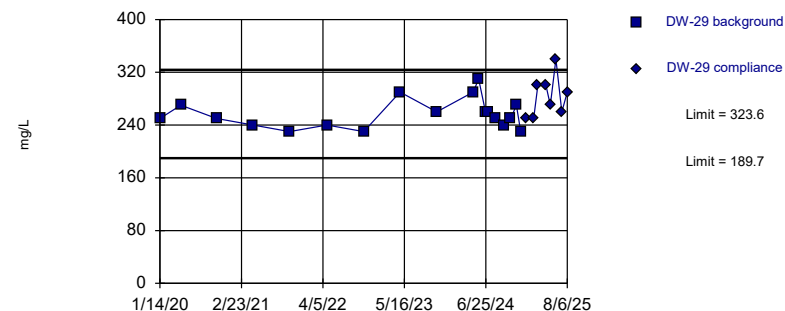
Background Data Summary: Mean=147.4, Std. Dev.=12.4, n=19. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO₃ Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limits

Prediction Limit

Intrawell Parametric



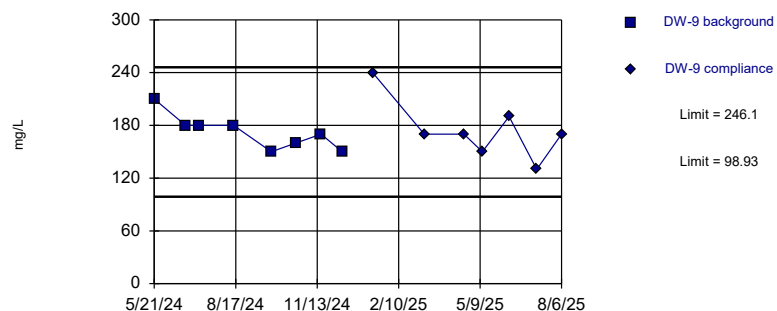
Background Data Summary: Mean=256.7, Std. Dev.=22.49, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO₃ Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limits

Prediction Limit

Intrawell Parametric

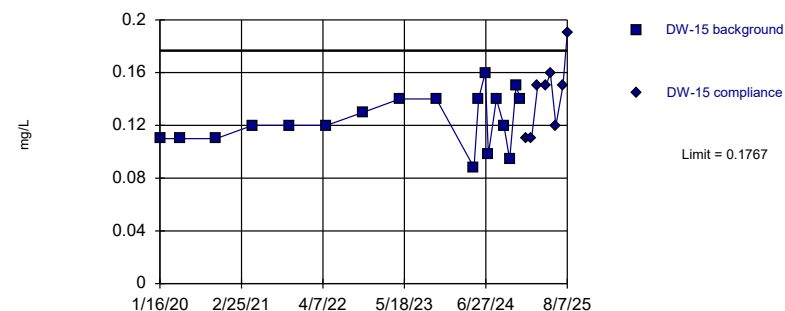


Background Data Summary: Mean=172.5, Std. Dev.=19.82, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1239, Std. Dev.=0.02002, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

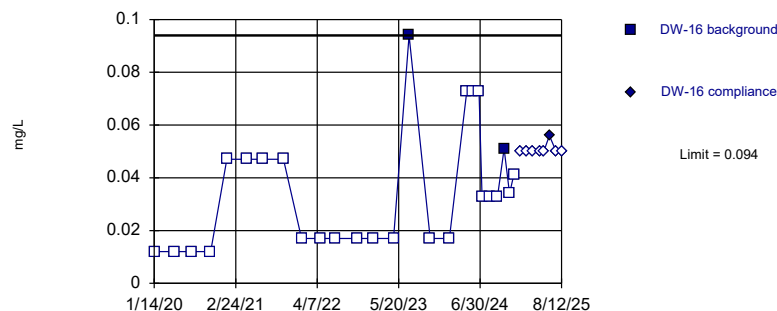
Constituent: Alkalinity, Total as CaCO₃ Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Constituent: Ammonia-N Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



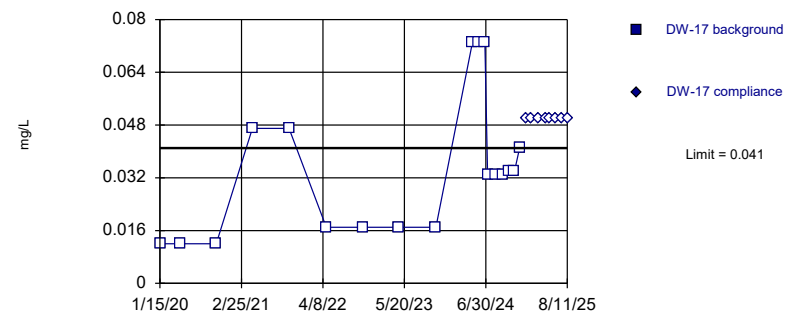
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 92.31% NDs. Report alpha = 0.03704. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Ammonia-N Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



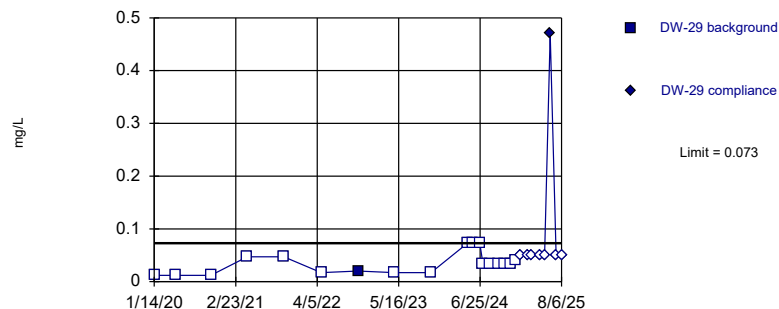
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 18) were censored; limit is most recent reporting limit. Report alpha = 0.05263. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Ammonia-N Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



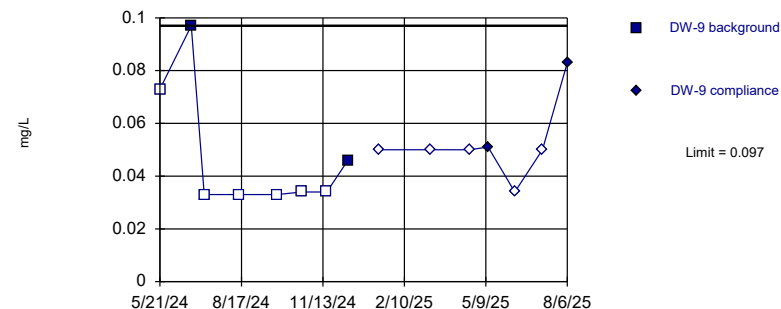
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 94.44% NDs. Report alpha = 0.05263. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Ammonia-N Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



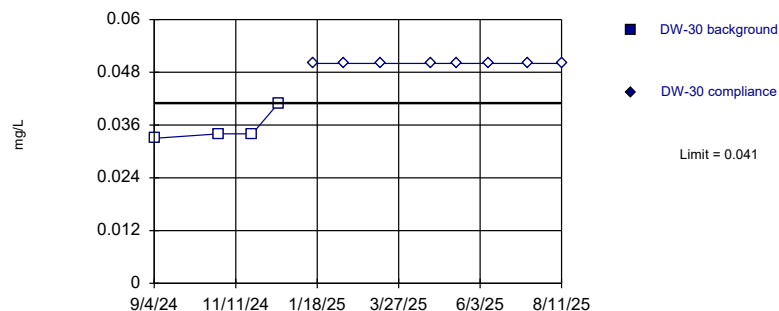
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Report alpha = 0.1111. Most recent point compared to limit. Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Ammonia-N Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



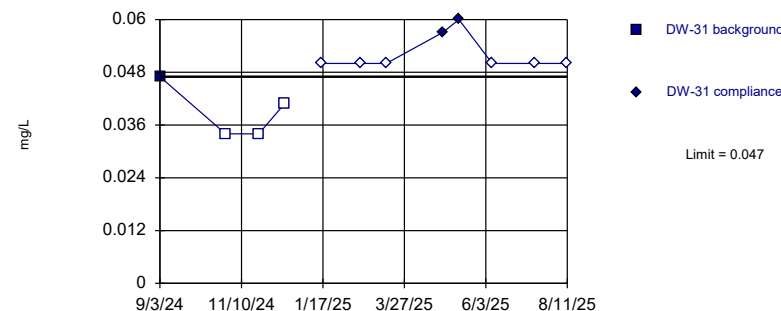
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 4) were censored; limit is most recent reporting limit. Report alpha = 0.2. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Ammonia-N Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



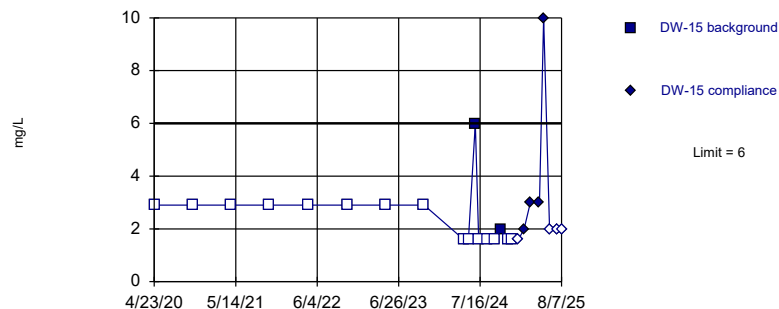
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 4 background values. 75% NDs. Report alpha = 0.2. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Ammonia-N Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



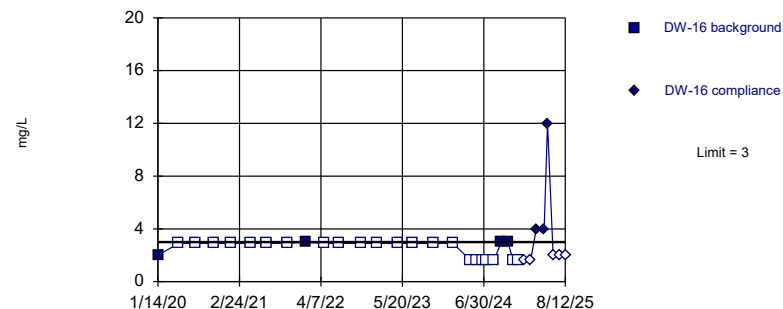
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Report alpha = 0.05556. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Chemical Oxygen Demand Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



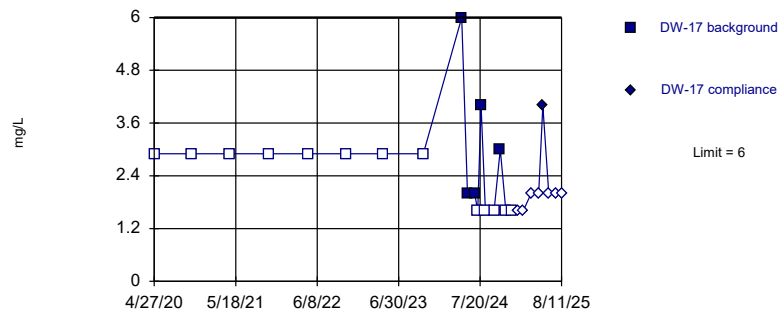
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 84.62% NDs. Report alpha = 0.03704. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Chemical Oxygen Demand Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



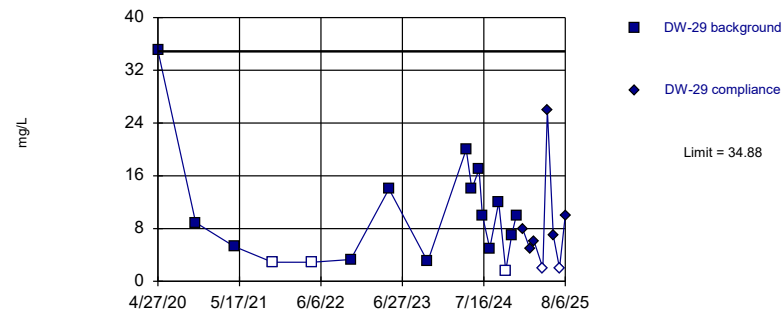
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 72.22% NDs. Report alpha = 0.05263. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Chemical Oxygen Demand Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



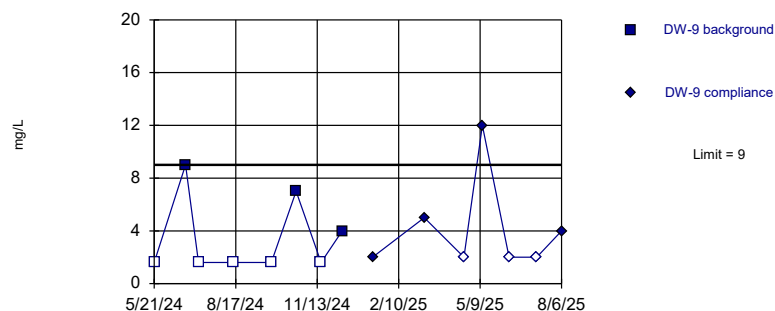
Background Data Summary (after Cohen's Adjustment): Mean=9.152, Std. Dev.=9.677, n=17, 17.65% NDs. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chemical Oxygen Demand Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



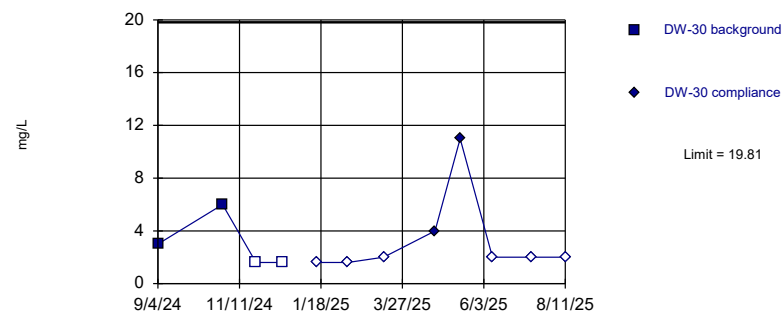
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 62.5% NDs. Report alpha = 0.1111. Most recent point compared to limit. Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Chemical Oxygen Demand Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



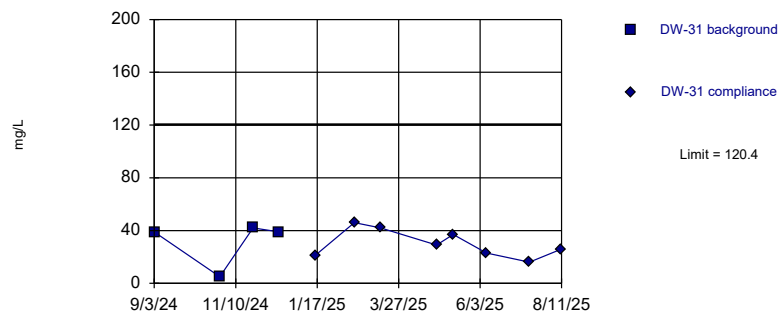
Background Data Summary (after Cohen's Adjustment): Mean=1.625, Std. Dev.=3.583, n=4, 50% NDs. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chemical Oxygen Demand Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



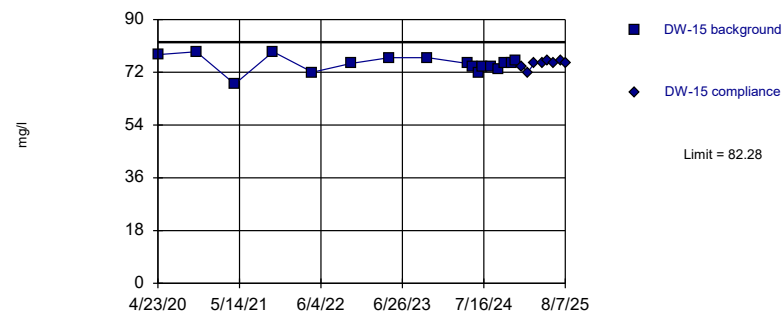
Background Data Summary: Mean=31.25, Std. Dev.=17.56, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chemical Oxygen Demand Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



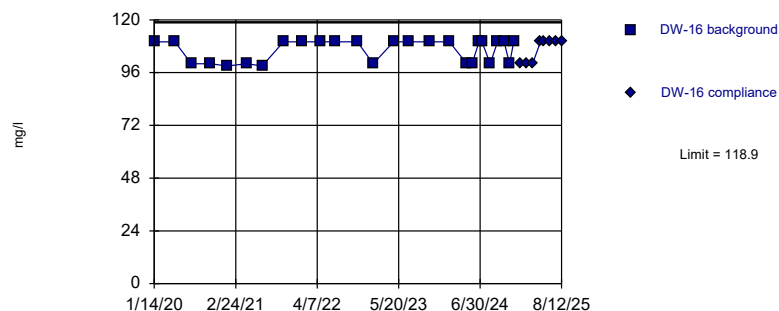
Background Data Summary: Mean=74.88, Std. Dev.=2.781, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



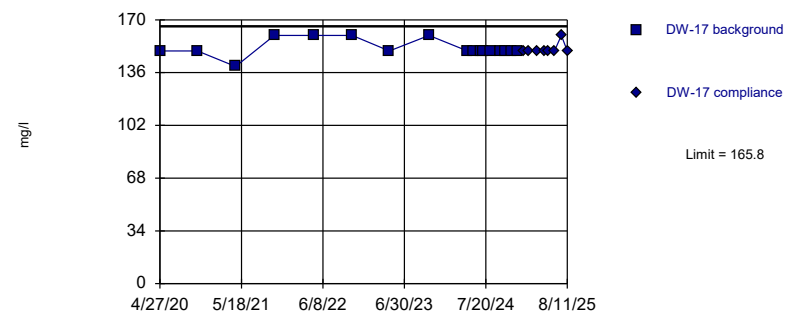
Background Data Summary: Mean=106.1, Std. Dev.=5.067, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



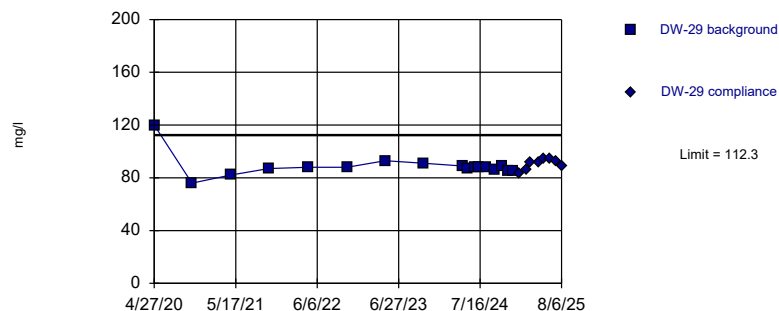
Background Data Summary: Mean=151.8, Std. Dev.=5.286, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



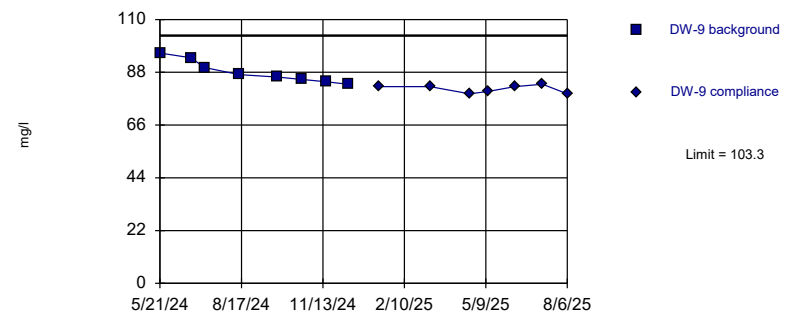
Background Data Summary: Mean=88.82, Std. Dev.=8.848, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



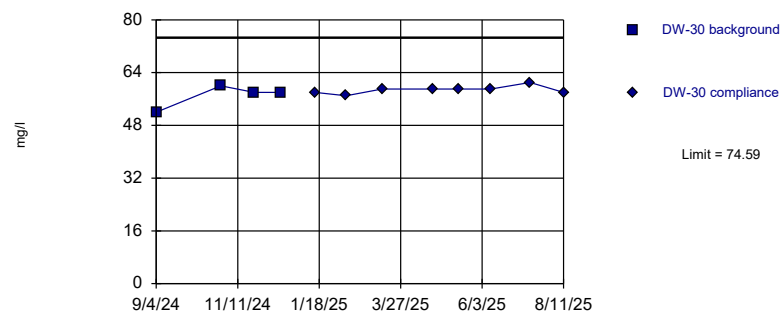
Background Data Summary: Mean=88.13, Std. Dev.=4.764, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



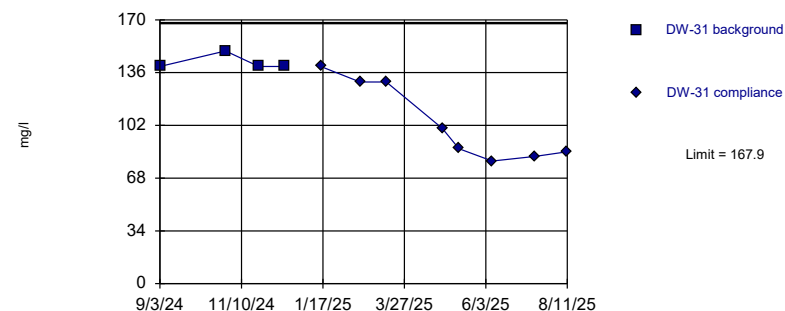
Background Data Summary: Mean=57, Std. Dev.=3.464, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



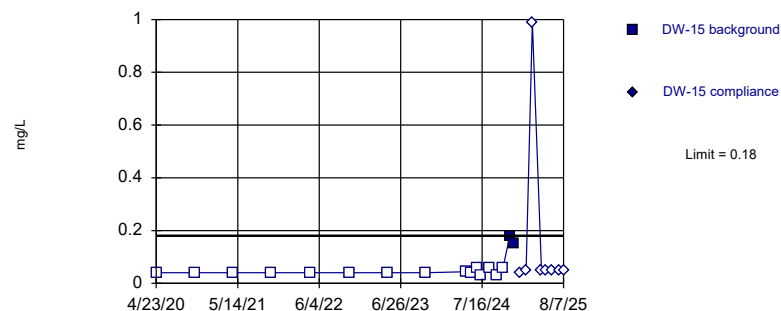
Background Data Summary: Mean=142.5, Std. Dev.=5, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



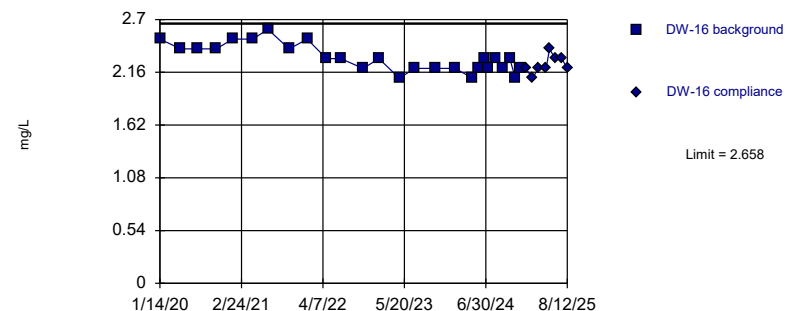
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Report alpha = 0.05556. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Nitrate as N Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



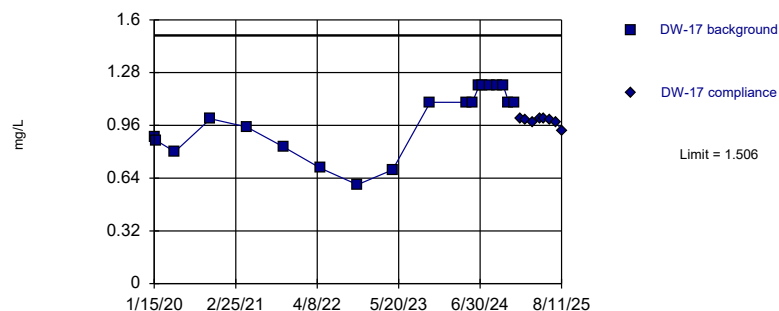
Background Data Summary: Mean=2.304, Std. Dev.=0.1399, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



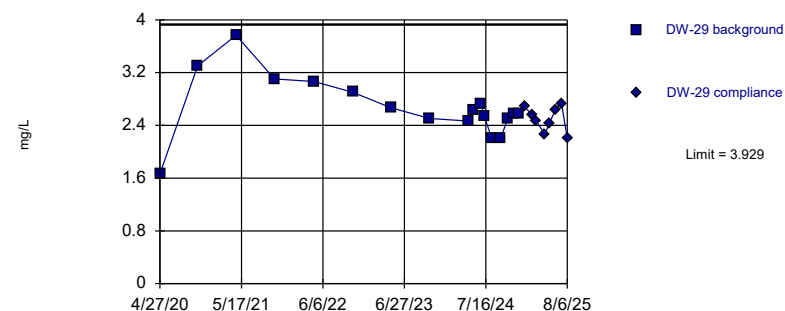
Background Data Summary: Mean=0.9911, Std. Dev.=0.1965, n=19. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



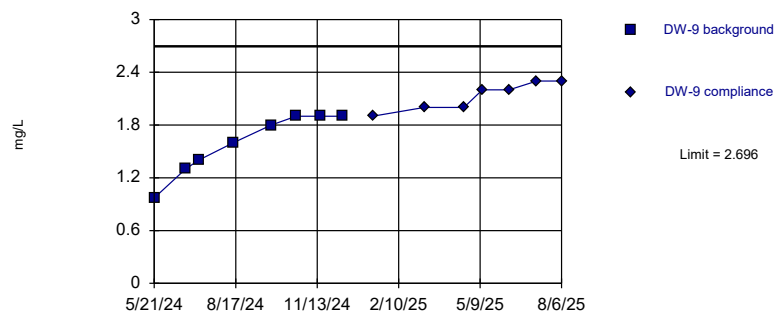
Background Data Summary: Mean=2.672, Std. Dev.=0.4731, n=17. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



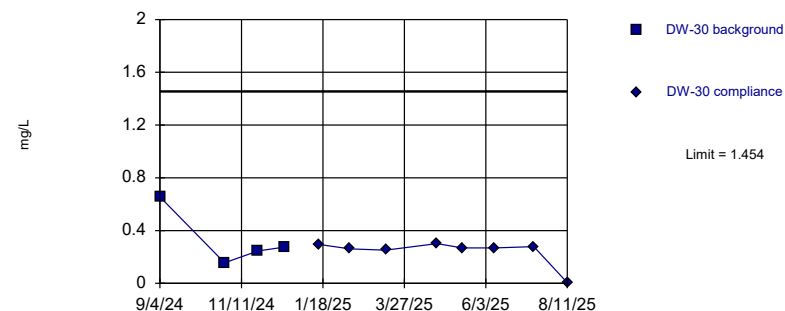
Background Data Summary: Mean=1.596, Std. Dev.=0.3457, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



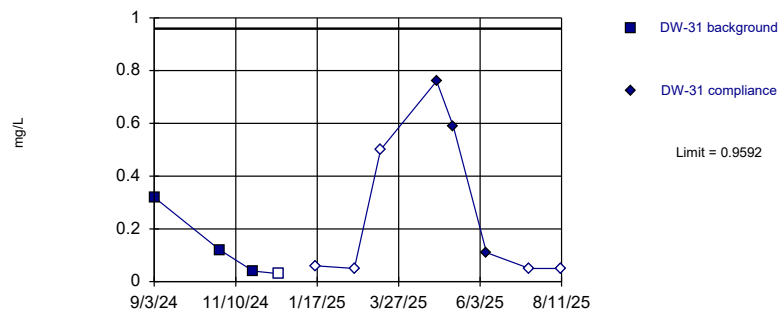
Background Data Summary: Mean=0.3325, Std. Dev.=0.221, n=4. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



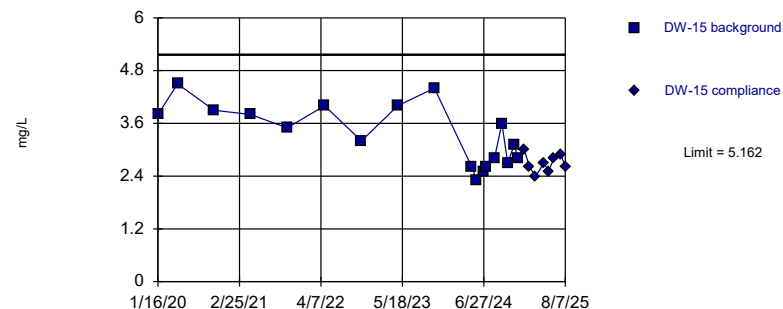
Background Data Summary (after Cohen's Adjustment): Mean=0.09929, Std. Dev.=0.1694, n=4, 25% NDs. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



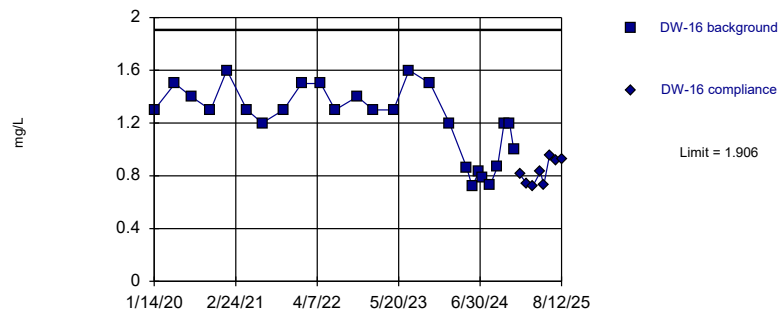
Background Data Summary: Mean=3.339, Std. Dev.=0.6912, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Potassium Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



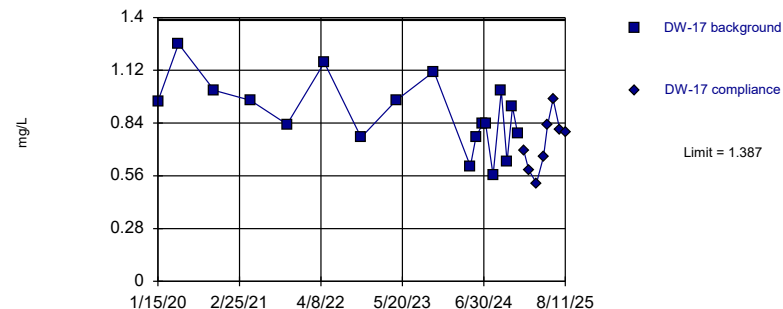
Background Data Summary: Mean=1.219, Std. Dev.=0.2714, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Potassium Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



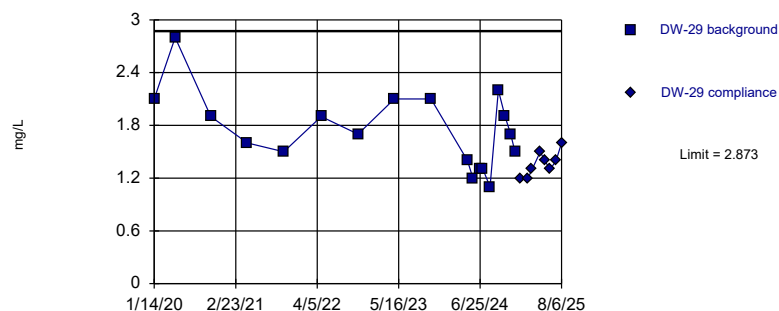
Background Data Summary: Mean=0.8887, Std. Dev.=0.1891, n=18. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Potassium Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric

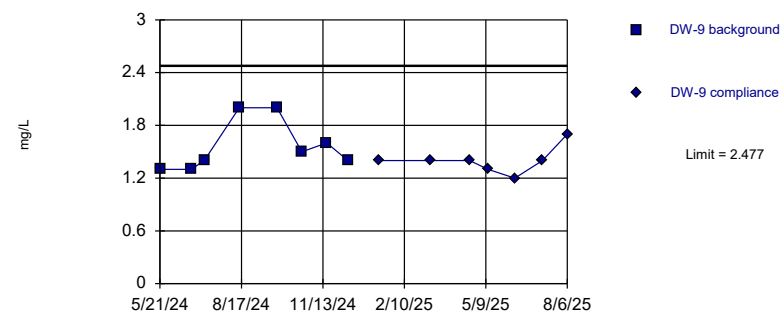


Background Data Summary: Mean=1.739, Std. Dev.=0.43, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.563, Std. Dev.=0.2875, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

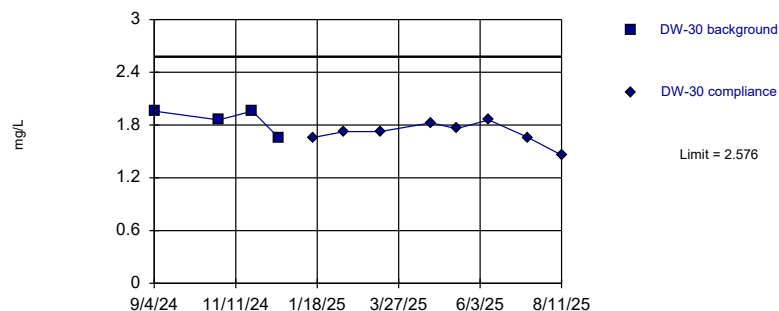
Constituent: Potassium Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Constituent: Potassium Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric

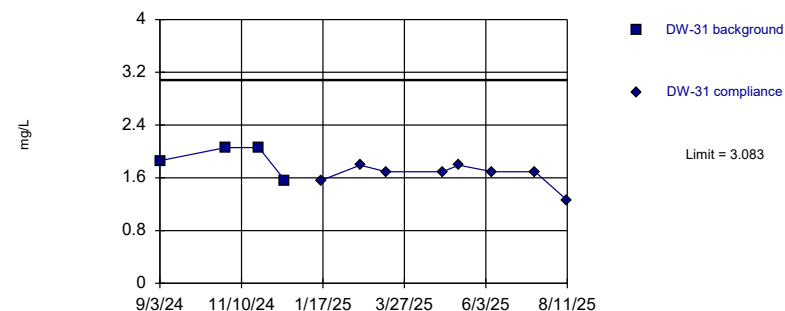


Background Data Summary: Mean=1.858, Std. Dev.=0.1414, n=4. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.883, Std. Dev.=0.2363, n=4. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

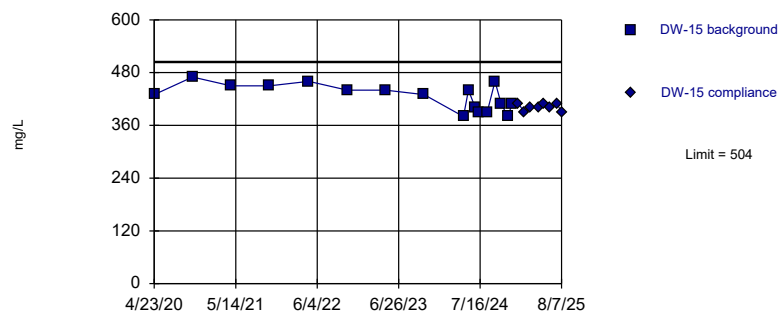
Constituent: Potassium Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Constituent: Potassium Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



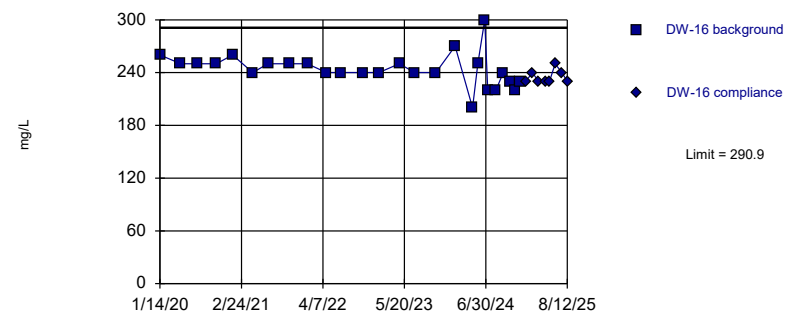
Background Data Summary: Mean=425.3, Std. Dev.=29.61, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



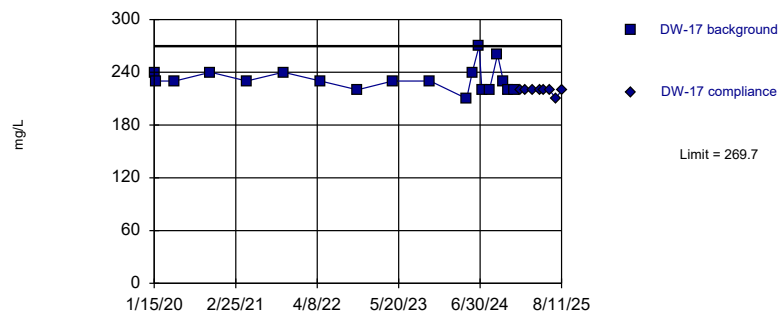
Background Data Summary: Mean=243.5, Std. Dev.=18.75, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



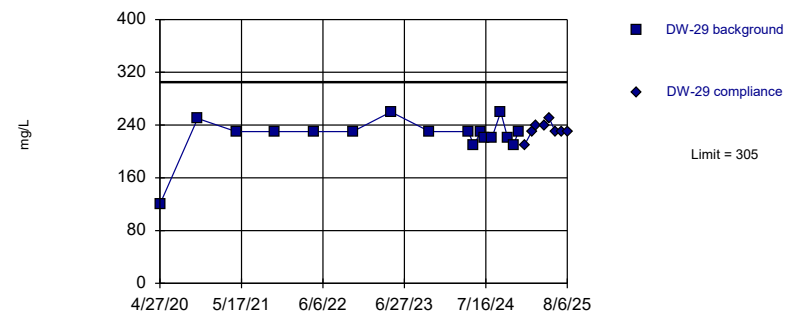
Background Data Summary: Mean=232.1, Std. Dev.=14.37, n=19. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



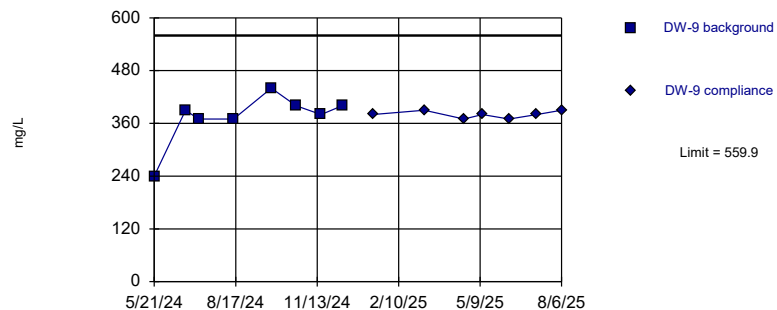
Background Data Summary: Mean=224.1, Std. Dev.=30.43, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



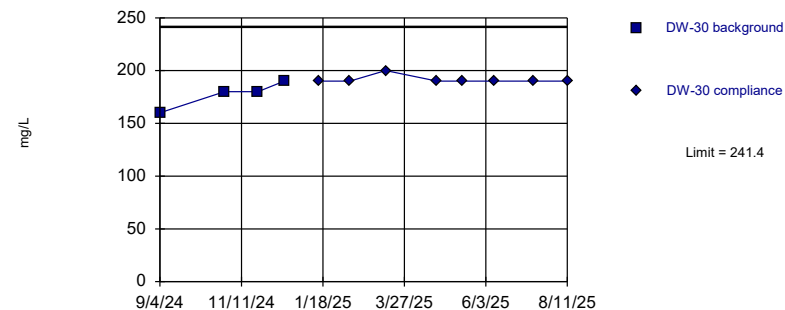
Background Data Summary: Mean=373.8, Std. Dev.=58.54, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



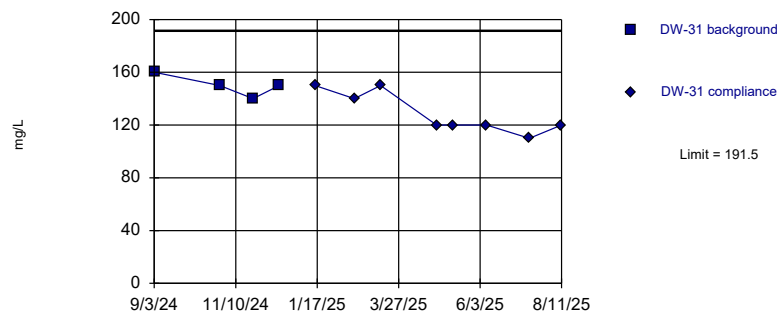
Background Data Summary: Mean=177.5, Std. Dev.=12.58, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



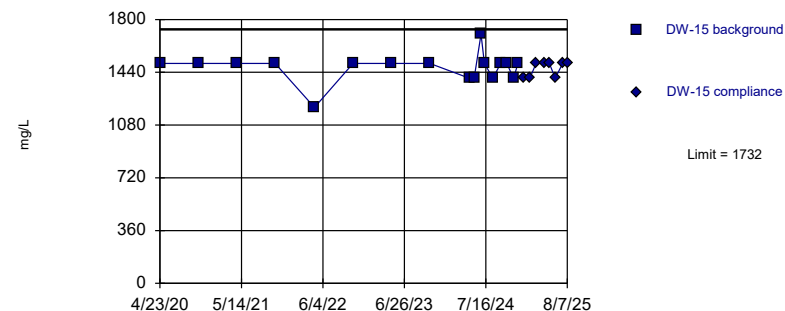
Background Data Summary: Mean=150, Std. Dev.=8.165, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



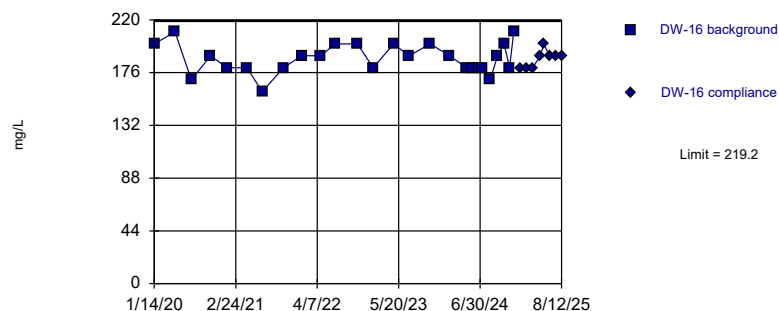
Background Data Summary: Mean=1471, Std. Dev.=98.52, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



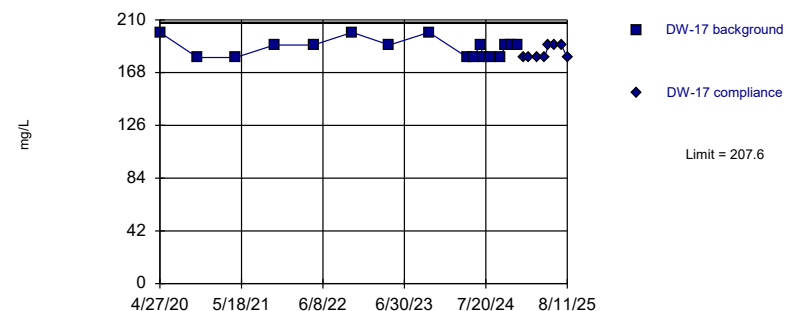
Background Data Summary: Mean=187.7, Std. Dev.=12.43, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



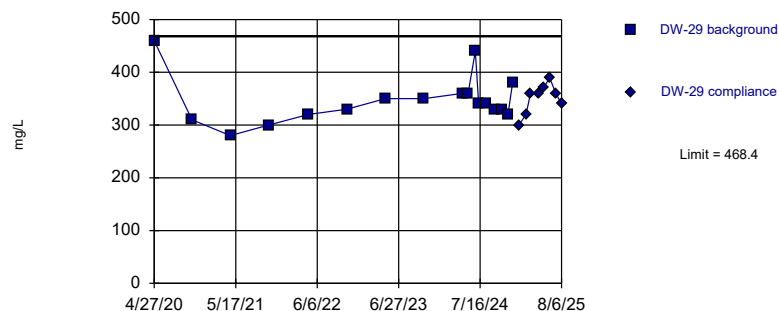
Background Data Summary: Mean=187.6, Std. Dev.=7.524, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



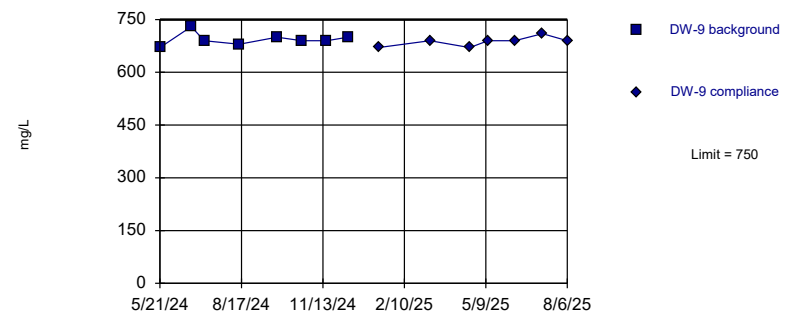
Background Data Summary: Mean=347.1, Std. Dev.=45.66, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



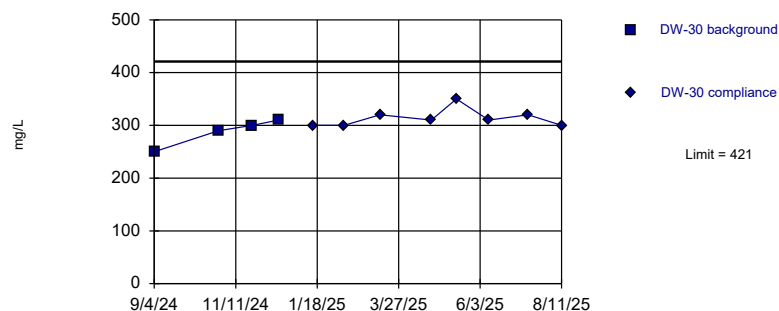
Background Data Summary: Mean=693.8, Std. Dev.=17.68, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



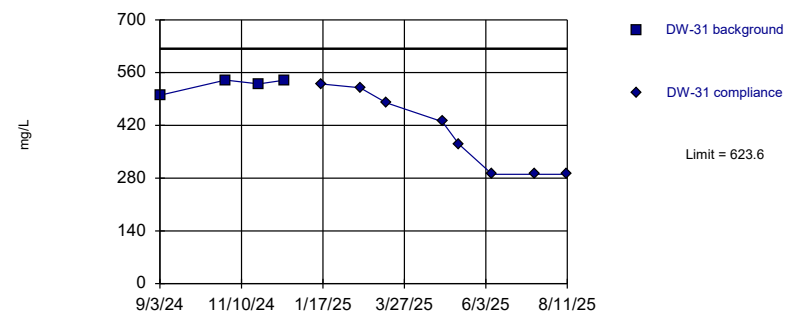
Background Data Summary: Mean=287.5, Std. Dev.=26.3, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



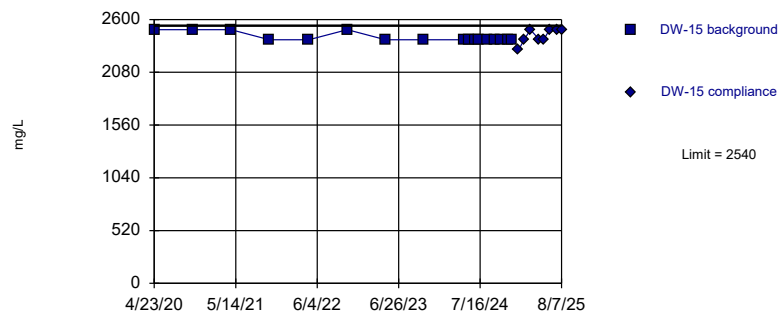
Background Data Summary: Mean=527.5, Std. Dev.=18.93, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



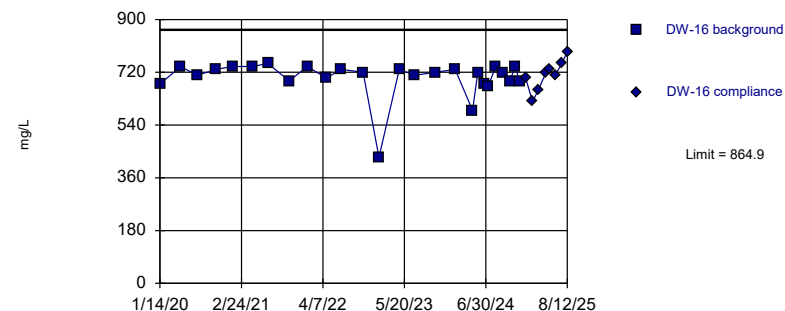
Background Data Summary: Mean=2424, Std. Dev.=43.72, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



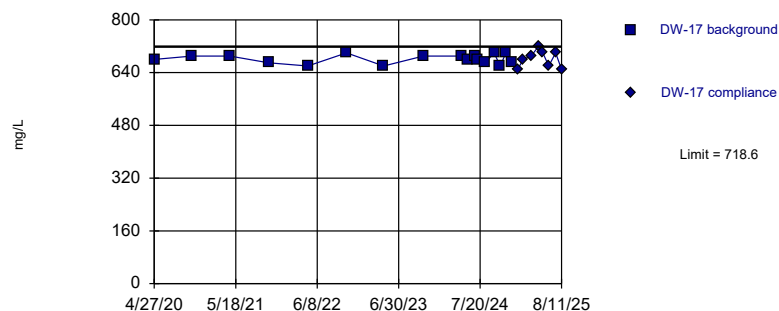
Background Data Summary: Mean=701.2, Std. Dev.=64.64, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



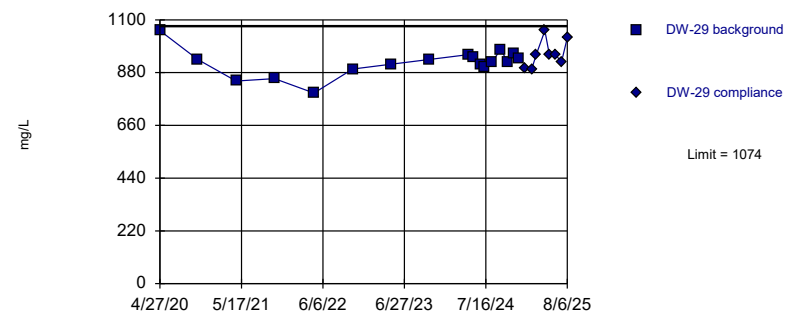
Background Data Summary: Mean=681.2, Std. Dev.=14.09, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



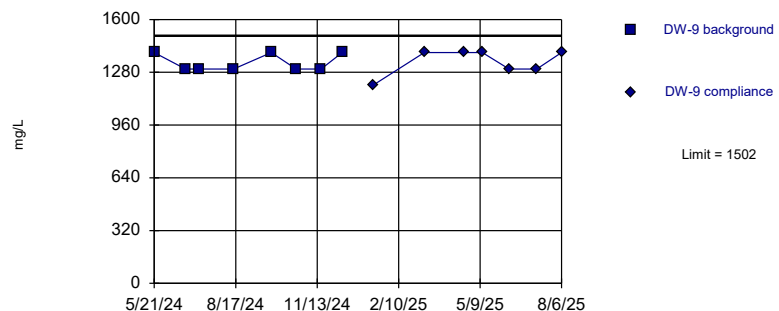
Background Data Summary: Mean=922, Std. Dev.=56.98, n=17. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 9/18/2025 1:10 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



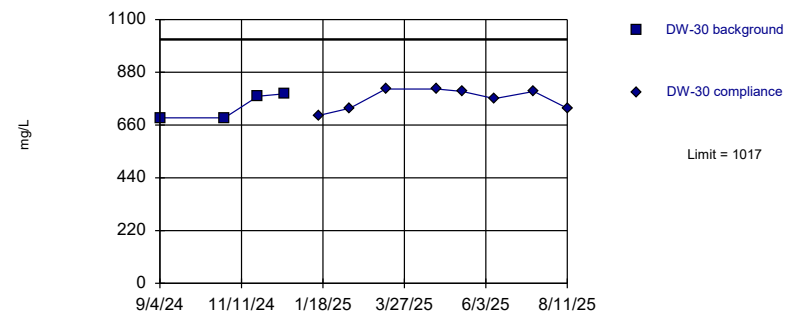
Background Data Summary: Mean=1338, Std. Dev.=51.75, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 9/18/2025 1:11 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



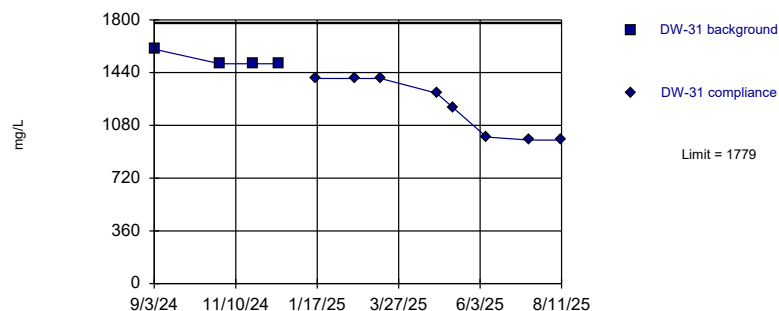
Background Data Summary: Mean=737.5, Std. Dev.=55, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 9/18/2025 1:11 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



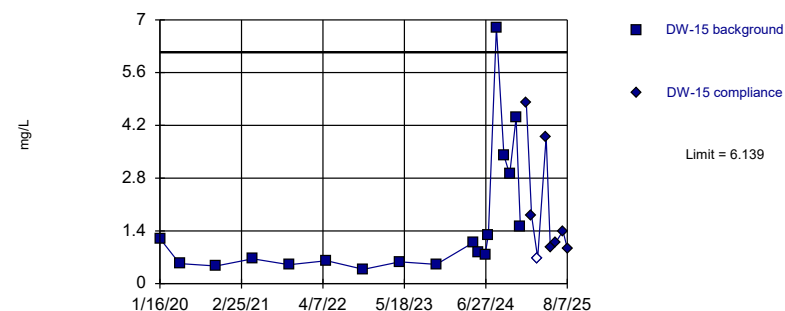
Background Data Summary: Mean=1525, Std. Dev.=50, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 9/18/2025 1:11 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



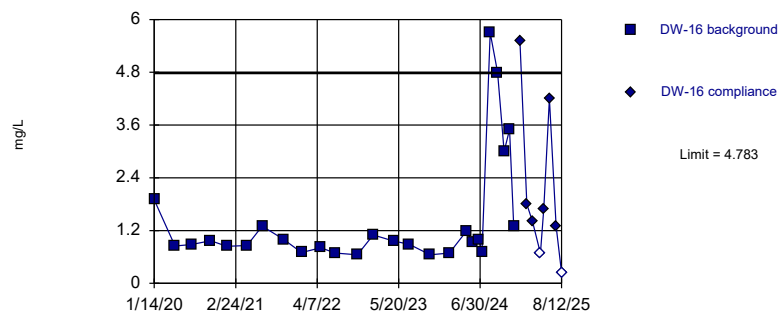
Background Data Summary: Mean=1.58, Std. Dev.=1.729, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Organic Carbon Analysis Run 9/18/2025 1:11 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



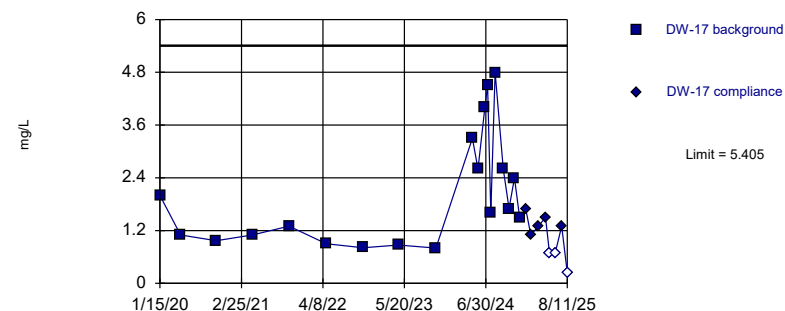
Background Data Summary: Mean=1.457, Std. Dev.=1.314, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Organic Carbon Analysis Run 9/18/2025 1:11 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric

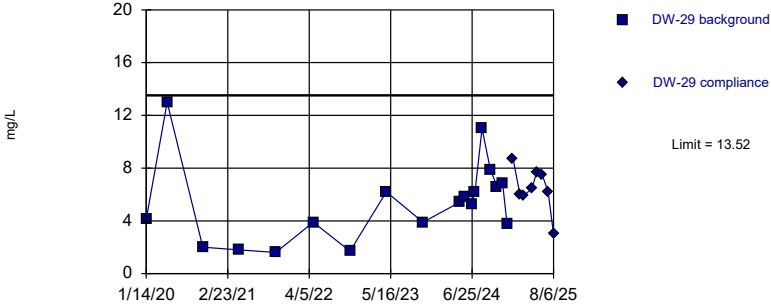


Background Data Summary: Mean=2.045, Std. Dev.=1.283, n=19. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Organic Carbon Analysis Run 9/18/2025 1:11 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit
Intrawell Parametric

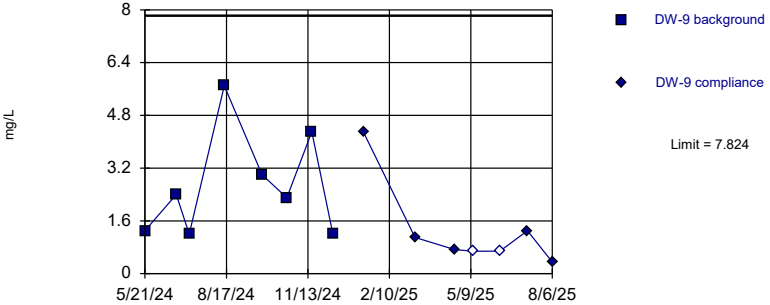


Background Data Summary: Mean=5.389, Std. Dev.=3.083, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Organic Carbon Analysis Run 9/18/2025 1:11 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=2.675, Std. Dev.=1.619, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Organic Carbon Analysis Run 9/18/2025 1:11 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Prediction Limit

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019 Printed 10/5/2025, 10:07 AM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Alkalinity, Total as CaCO3 (mg/L)	DW-15	232.1	172.3	9/17/2025	220	No	18	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-16	363.1	133.1	9/17/2025	260	No	27	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-17	184	110.7	9/15/2025	130	No	19	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-29	323.6	189.7	9/11/2025	260	No	18	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-9	246.1	98.93	9/11/2025	160	No	8	0	No	0.005	Param Intra
Ammonia-N (mg/L)	DW-15	0.1767	n/a	9/17/2025	0.097J	No	18	0	No	0.01	Param Intra
Ammonia-N (mg/L)	DW-16	0.094	n/a	9/17/2025	0.05ND	No	26	92.31	n/a	0.03704	NP Intra (NDs)
Ammonia-N (mg/L)	DW-17	0.041	n/a	9/15/2025	0.05ND	No	18	100	n/a	0.05263	NP Intra (NDs)
Ammonia-N (mg/L)	DW-29	0.073	n/a	9/11/2025	0.05ND	No	18	94.44	n/a	0.05263	NP Intra (NDs)
Ammonia-N (mg/L)	DW-9	0.097	n/a	9/11/2025	0.05ND	No	8	75	n/a	0.1111	NP Intra (NDs)
Ammonia-N (mg/L)	DW-30	0.041	n/a	9/15/2025	0.05ND	No	4	100	n/a	0.2	NP Intra (NDs)
Ammonia-N (mg/L)	DW-31	0.047	n/a	9/16/2025	0.05ND	No	4	75	n/a	0.2	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-15	6	n/a	9/17/2025	2ND	No	17	88.24	n/a	0.05556	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-16	3	n/a	9/17/2025	2ND	No	26	84.62	n/a	0.03704	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-17	6	n/a	9/15/2025	2J	No	18	72.22	n/a	0.05263	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-29	34.88	n/a	9/11/2025	10	No	17	17.65	No	0.01	Param Intra
Chemical Oxygen Demand (mg/L)	DW-9	9	n/a	9/11/2025	2ND	No	8	62.5	n/a	0.1111	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-30	19.81	n/a	9/15/2025	2ND	No	4	50	No	0.01	Param Intra
Chemical Oxygen Demand (mg/L)	DW-31	120.4	n/a	9/16/2025	30	No	4	0	No	0.01	Param Intra
Chloride (mg/l)	DW-15	82.28	n/a	9/17/2025	73	No	17	0	No	0.01	Param Intra
Chloride (mg/l)	DW-16	118.9	n/a	9/17/2025	110	No	26	0	No	0.01	Param Intra
Chloride (mg/l)	DW-17	165.8	n/a	9/15/2025	150	No	17	0	No	0.01	Param Intra
Chloride (mg/l)	DW-29	110.8	n/a	9/11/2025	89.45	No	17	0	No	0.01	Param Intra Deseas
Chloride (mg/l)	DW-9	103.3	n/a	9/11/2025	79	No	8	0	No	0.01	Param Intra
Chloride (mg/l)	DW-30	74.59	n/a	9/15/2025	57	No	4	0	No	0.01	Param Intra
Chloride (mg/l)	DW-31	167.9	n/a	9/16/2025	95	No	4	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-15	0.18	n/a	9/17/2025	0.05ND	No	17	88.24	n/a	0.05556	NP Intra (NDs)
Nitrate as N (mg/L)	DW-16	2.658	n/a	9/17/2025	2.2	No	26	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-17	1.506	n/a	9/15/2025	0.92	No	19	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-29	3.947	n/a	9/11/2025	2.152	No	17	0	No	0.01	Param Intra Deseas
Nitrate as N (mg/L)	DW-9	2.696	n/a	9/11/2025	2.2	No	8	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-30	1.581	n/a	9/15/2025	0.05269	No	4	0	No	0.01	Param Intra Deseas
Nitrate as N (mg/L)	DW-31	0.9592	n/a	9/16/2025	0.05ND	No	4	25	No	0.01	Param Intra
Potassium (mg/L)	DW-15	5.162	n/a	9/17/2025	3.2	No	18	0	No	0.01	Param Intra
Potassium (mg/L)	DW-16	1.906	n/a	9/17/2025	0.98	No	26	0	No	0.01	Param Intra
Potassium (mg/L)	DW-17	1.502	n/a	9/15/2025	0.63	No	18	0	No	0.01	Param Intra
Potassium (mg/L)	DW-29	2.873	n/a	9/11/2025	1.4	No	18	0	No	0.01	Param Intra
Potassium (mg/L)	DW-9	2.477	n/a	9/11/2025	1.3	No	8	0	No	0.01	Param Intra
Potassium (mg/L)	DW-30	2.783	n/a	9/15/2025	1.454	No	4	0	No	0.01	Param Intra Deseas
Potassium (mg/L)	DW-31	3.393	n/a	9/16/2025	1.2	No	4	0	No	0.01	Param Intra Deseas
Sodium (mg/L)	DW-15	504	n/a	9/17/2025	430	No	17	0	No	0.01	Param Intra
Sodium (mg/L)	DW-16	290.9	n/a	9/17/2025	250	No	26	0	No	0.01	Param Intra
Sodium (mg/L)	DW-17	269.7	n/a	9/15/2025	200	No	19	0	No	0.01	Param Intra
Sodium (mg/L)	DW-29	305	n/a	9/11/2025	230	No	17	0	No	0.01	Param Intra
Sodium (mg/L)	DW-9	559.9	n/a	9/11/2025	380	No	8	0	No	0.01	Param Intra
Sodium (mg/L)	DW-30	241.4	n/a	9/15/2025	190	No	4	0	No	0.01	Param Intra
Sodium (mg/L)	DW-31	191.5	n/a	9/16/2025	130	No	4	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-15	1732	n/a	9/17/2025	1400	No	17	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-16	219.2	n/a	9/17/2025	190	No	26	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-17	207.6	n/a	9/15/2025	180	No	17	0	No	0.01	Param Intra

Prediction Limit

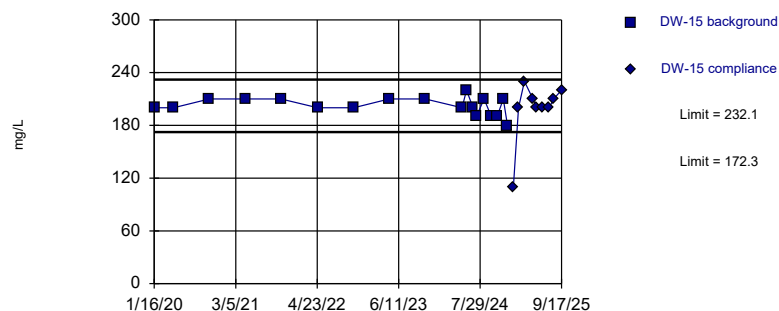
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019 Printed 10/5/2025, 10:07 AM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Sulfate (mg/L)	DW-29	460.3	n/a	9/11/2025	339.1	No	17	0	No	0.01	Param Intra Deseas
Sulfate (mg/L)	DW-9	750	n/a	9/11/2025	680	No	8	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-30	421	n/a	9/15/2025	310	No	4	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-31	623.6	n/a	9/16/2025	330	No	4	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-15	2540	n/a	9/17/2025	2500	No	17	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-16	864.9	n/a	9/17/2025	760	No	26	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-17	718.6	n/a	9/15/2025	660	No	17	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-29	1072	n/a	9/11/2025	997.9	No	17	0	No	0.01	Param Intra Deseas
Total Dissolved Solids (mg/L)	DW-9	1502	n/a	9/11/2025	1300	No	8	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-30	1017	n/a	9/15/2025	800	No	4	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-31	1779	n/a	9/16/2025	1100	No	4	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-15	6.139	n/a	9/17/2025	0.49ND	No	18	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-16	4.783	n/a	9/17/2025	0.67J	No	26	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-17	5.405	n/a	9/15/2025	0.84J	No	19	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-29	13.52	n/a	9/11/2025	4.1	No	18	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-9	7.824	n/a	9/11/2025	1.8	No	8	0	No	0.01	Param Intra

Within Limits

Prediction Limit

Intrawell Parametric



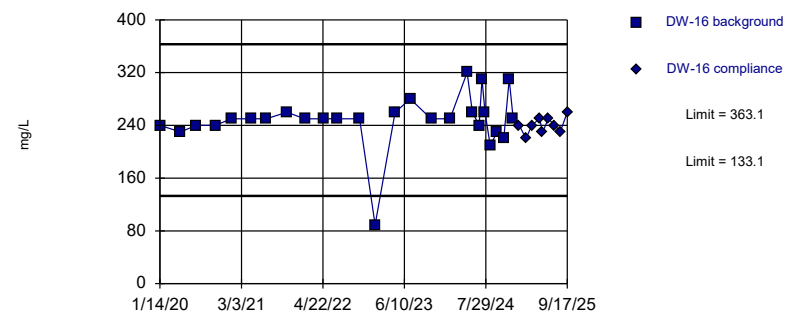
Background Data Summary: Mean=202.2, Std. Dev.=10.03, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO3 Analysis Run 10/5/2025 10:05 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limits

Prediction Limit

Intrawell Parametric



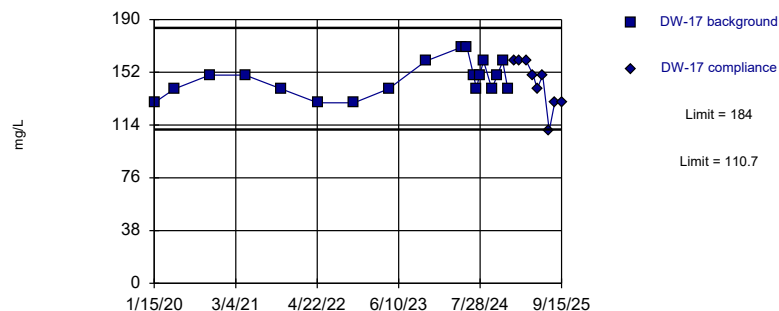
Background Data Summary: Mean=248.1, Std. Dev.=40.63, n=27. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO3 Analysis Run 10/5/2025 10:05 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limits

Prediction Limit

Intrawell Parametric



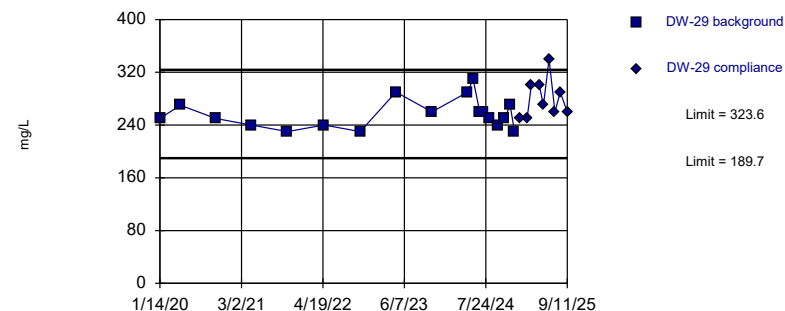
Background Data Summary: Mean=147.4, Std. Dev.=12.4, n=19. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO3 Analysis Run 10/5/2025 10:05 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limits

Prediction Limit

Intrawell Parametric



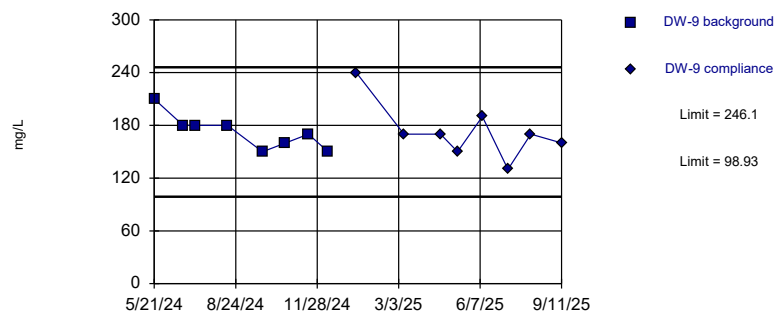
Background Data Summary: Mean=256.7, Std. Dev.=22.49, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO3 Analysis Run 10/5/2025 10:05 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limits

Prediction Limit

Intrawell Parametric

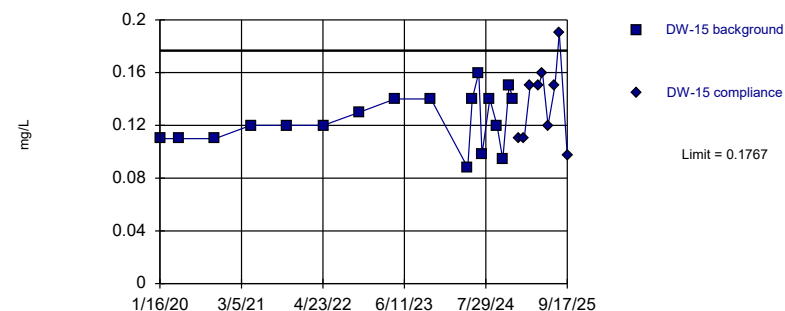


Background Data Summary: Mean=172.5, Std. Dev.=19.82, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1239, Std. Dev.=0.02002, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

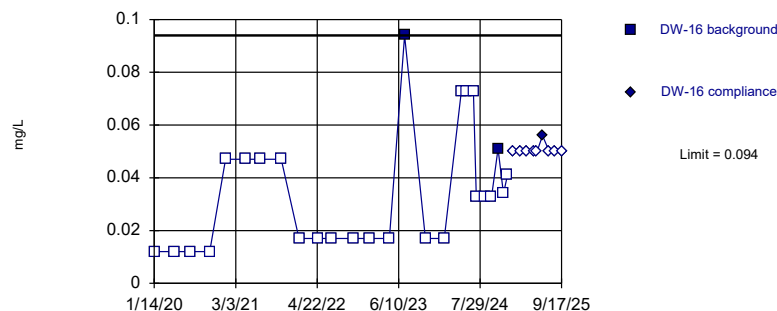
Constituent: Alkalinity, Total as CaCO3 Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Constituent: Ammonia-N Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric

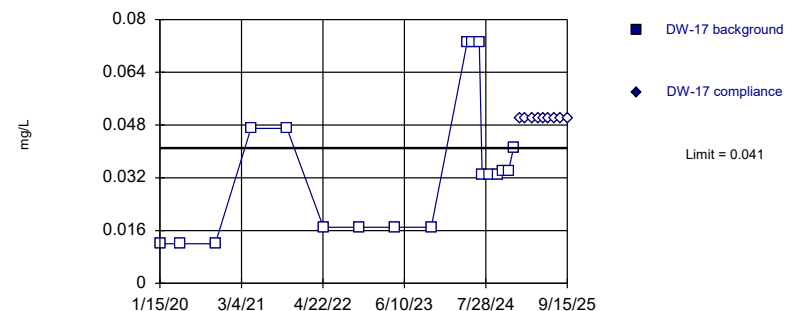


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 92.31% NDs. Report alpha = 0.03704. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 18) were censored; limit is most recent reporting limit. Report alpha = 0.05263. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

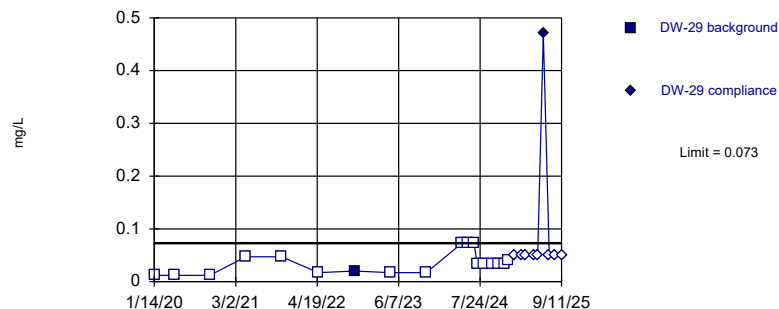
Constituent: Ammonia-N Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Constituent: Ammonia-N Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



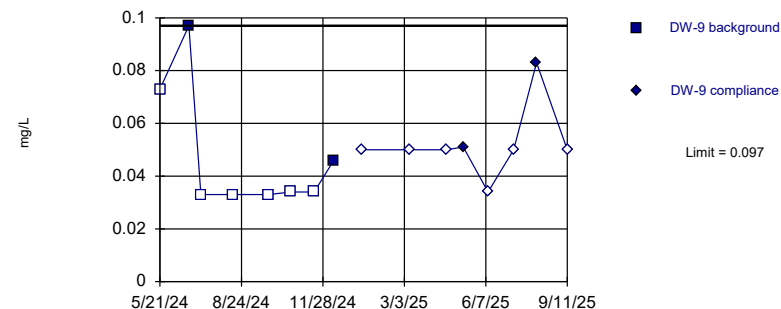
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 94.44% NDs. Report alpha = 0.05263. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Ammonia-N Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



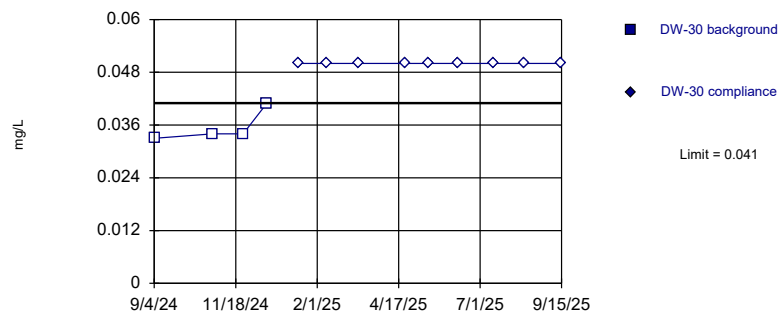
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Report alpha = 0.1111. Most recent point compared to limit. Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Ammonia-N Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



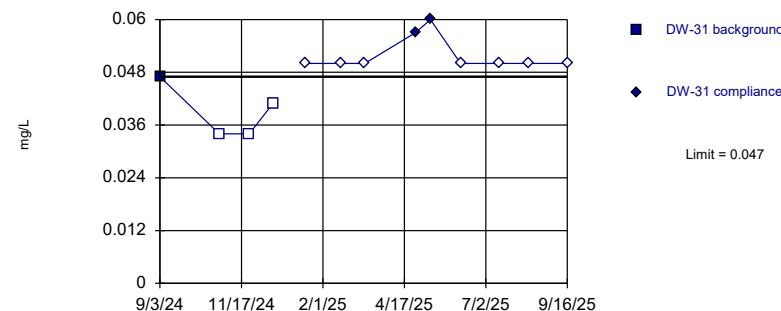
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 4) were censored; limit is most recent reporting limit. Report alpha = 0.2. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Ammonia-N Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



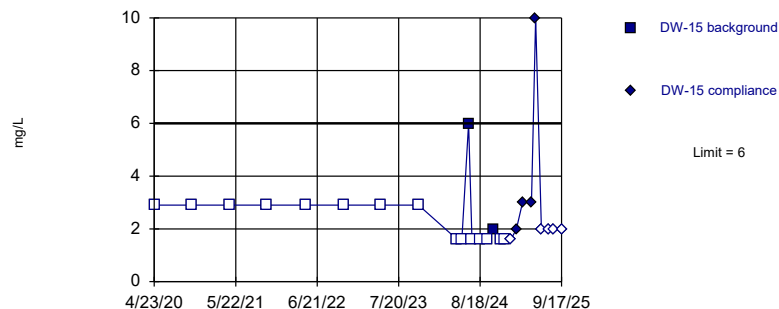
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 4 background values. 75% NDs. Report alpha = 0.2. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Ammonia-N Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



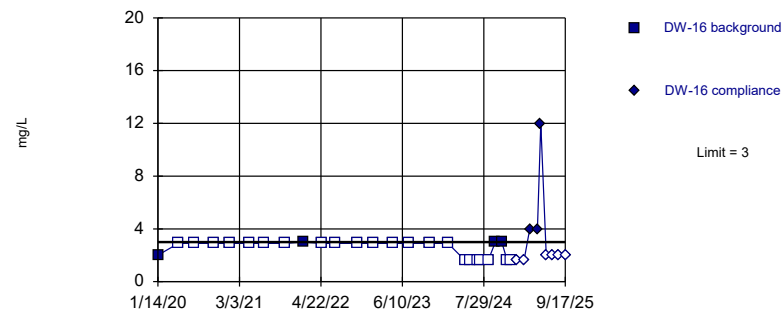
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Report alpha = 0.05556. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Chemical Oxygen Demand Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



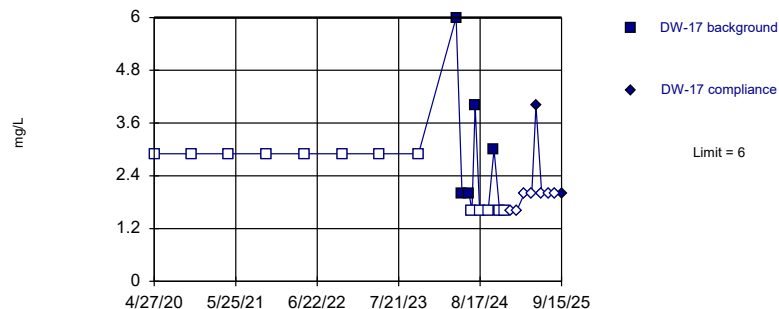
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 84.62% NDs. Report alpha = 0.03704. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Chemical Oxygen Demand Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



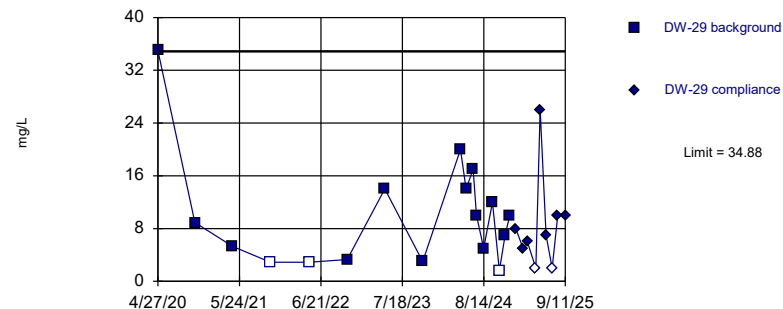
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 72.22% NDs. Report alpha = 0.05263. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Chemical Oxygen Demand Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



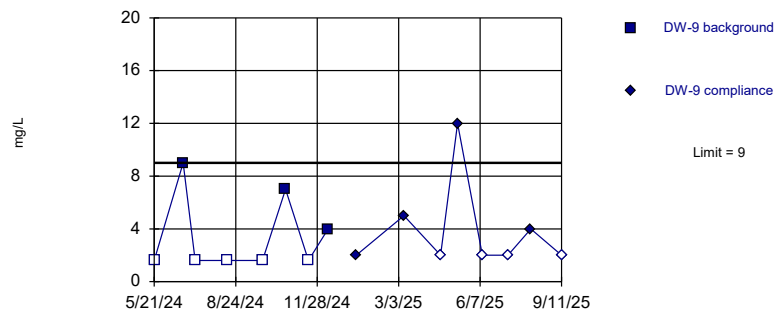
Background Data Summary (after Cohen's Adjustment): Mean=9.152, Std. Dev.=9.677, n=17, 17.65% NDs. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chemical Oxygen Demand Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



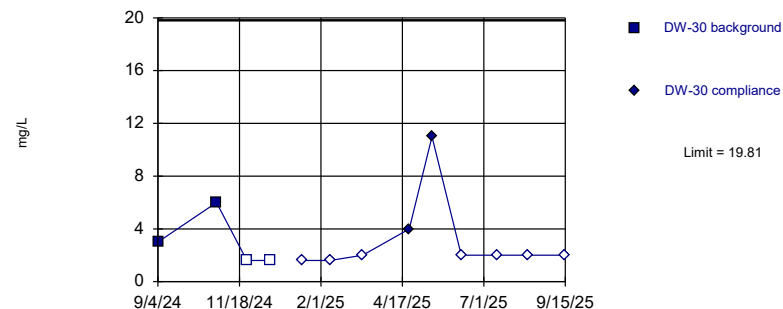
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 62.5% NDs. Report alpha = 0.1111. Most recent point compared to limit. Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Chemical Oxygen Demand Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



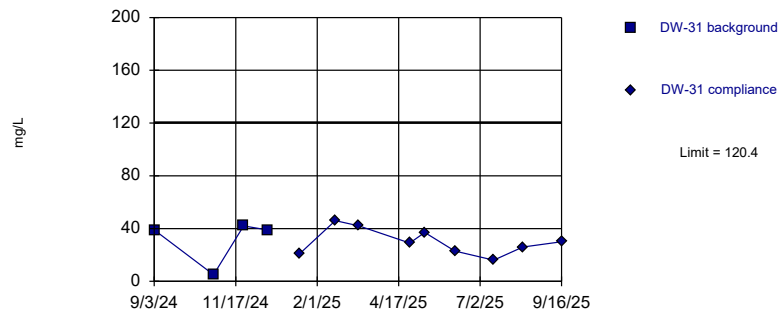
Background Data Summary (after Cohen's Adjustment): Mean=1.625, Std. Dev.=3.583, n=4, 50% NDs. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chemical Oxygen Demand Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



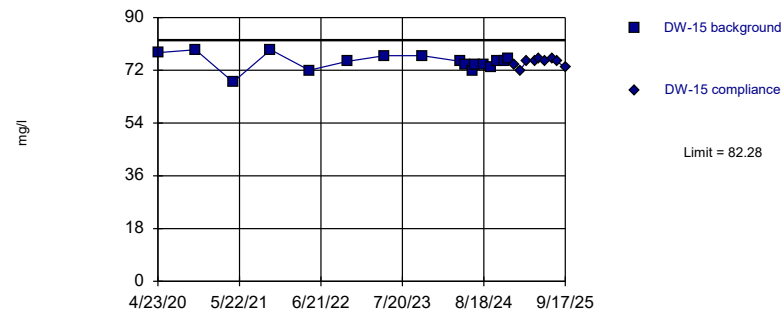
Background Data Summary: Mean=31.25, Std. Dev.=17.56, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chemical Oxygen Demand Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



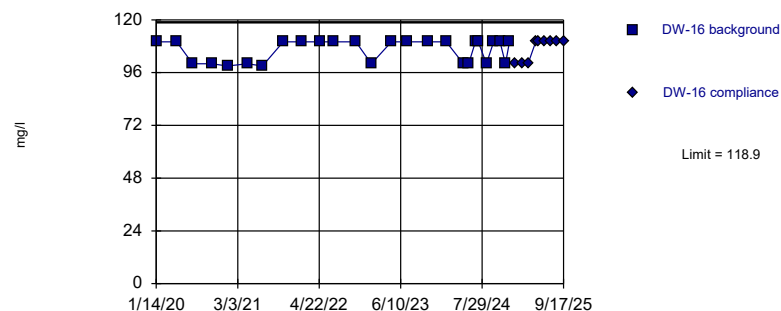
Background Data Summary: Mean=74.88, Std. Dev.=2.781, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



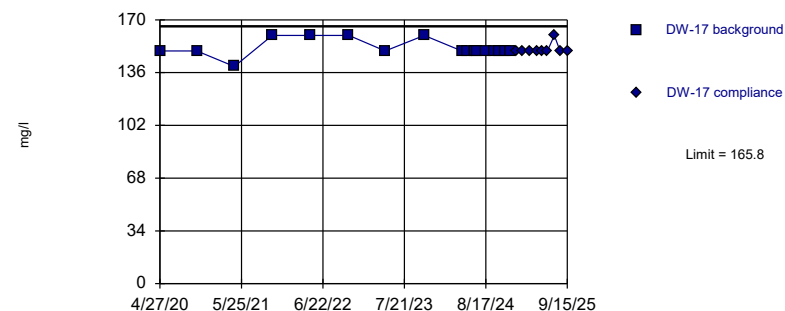
Background Data Summary: Mean=106.1, Std. Dev.=5.067, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



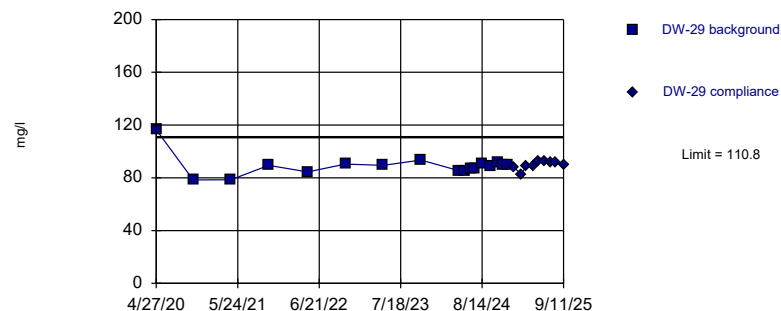
Background Data Summary: Mean=151.8, Std. Dev.=5.286, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



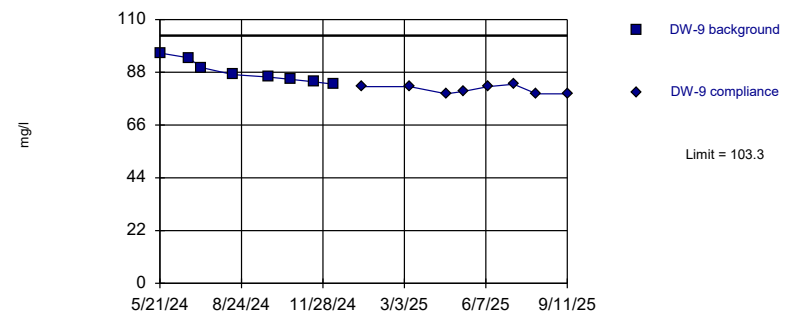
Background Data Summary: Mean=89.12, Std. Dev.=8.161, n=17. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



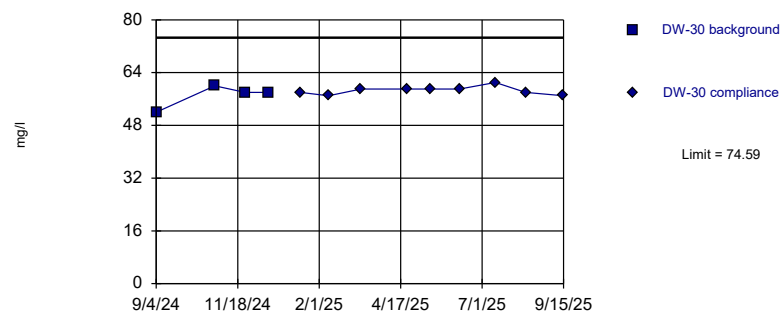
Background Data Summary: Mean=88.13, Std. Dev.=4.764, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



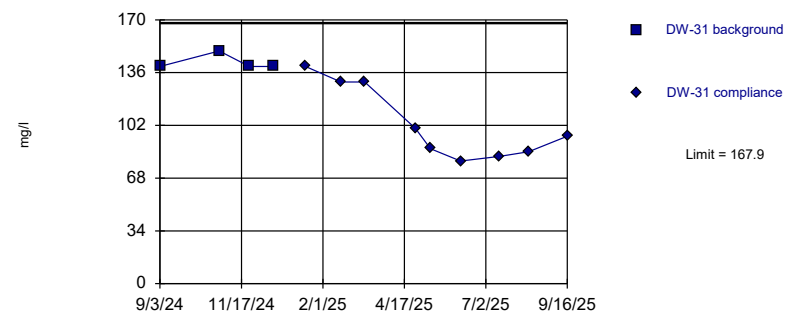
Background Data Summary: Mean=57, Std. Dev.=3.464, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



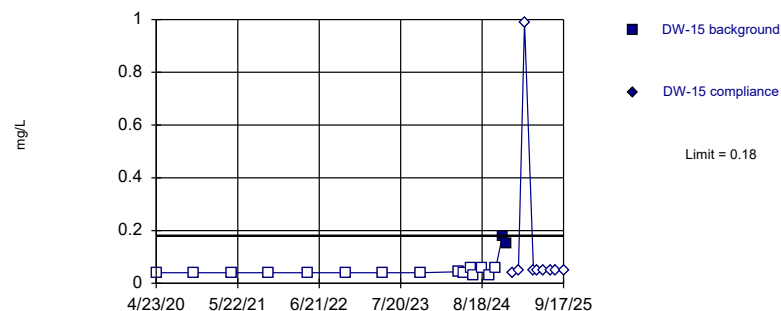
Background Data Summary: Mean=142.5, Std. Dev.=5, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



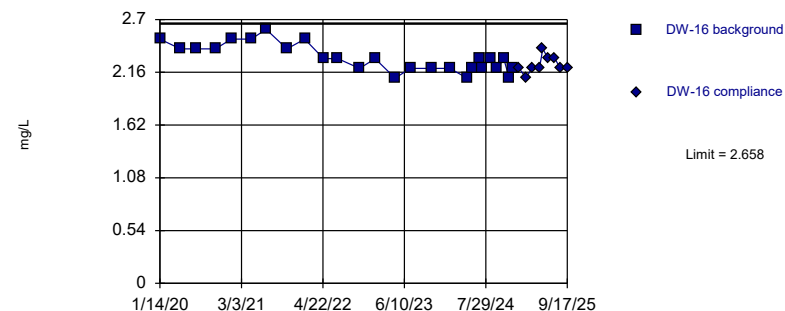
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Report alpha = 0.05556. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Nitrate as N Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



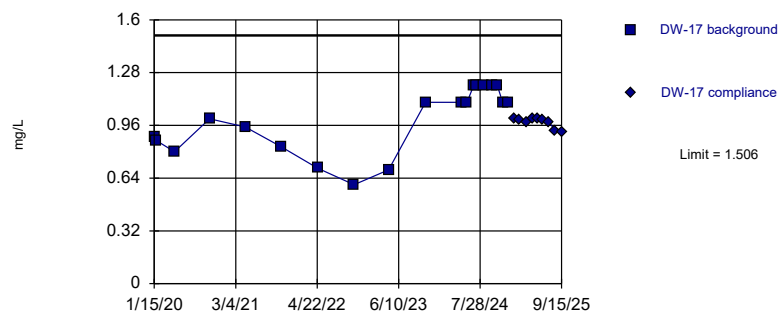
Background Data Summary: Mean=2.304, Std. Dev.=0.1399, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



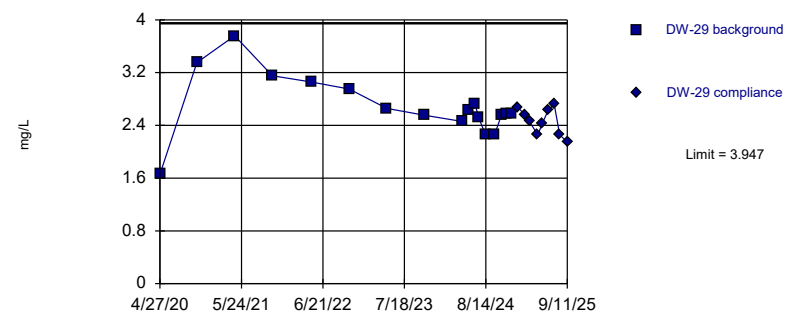
Background Data Summary: Mean=0.9911, Std. Dev.=0.1965, n=19. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



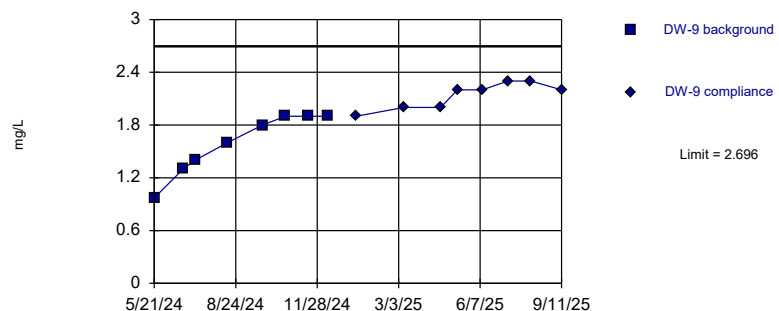
Background Data Summary: Mean=2.687, Std. Dev.=0.4742, n=17. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



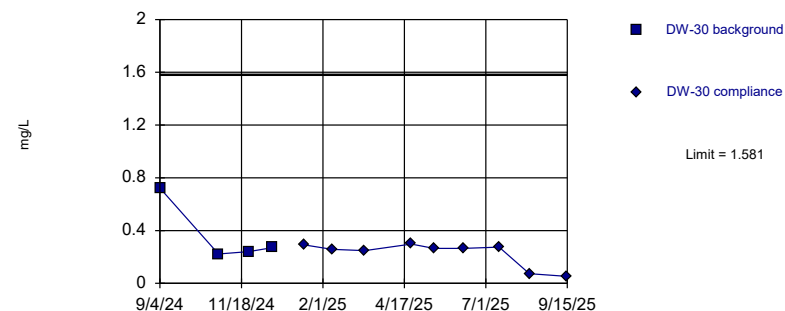
Background Data Summary: Mean=1.596, Std. Dev.=0.3457, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



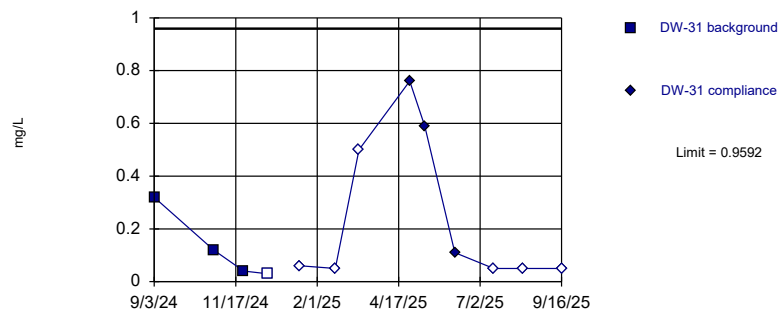
Background Data Summary: Mean=0.3644, Std. Dev.=0.2397, n=4. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



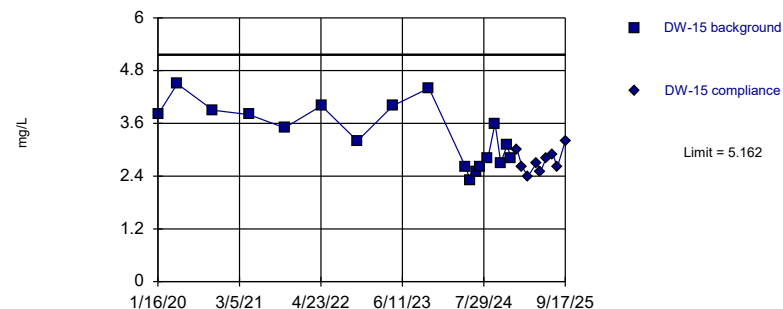
Background Data Summary (after Cohen's Adjustment): Mean=0.09929, Std. Dev.=0.1694, n=4, 25% NDs. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



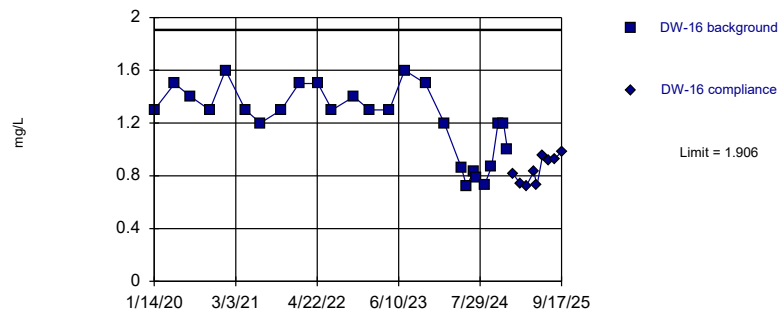
Background Data Summary: Mean=3.339, Std. Dev.=0.6912, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Potassium Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



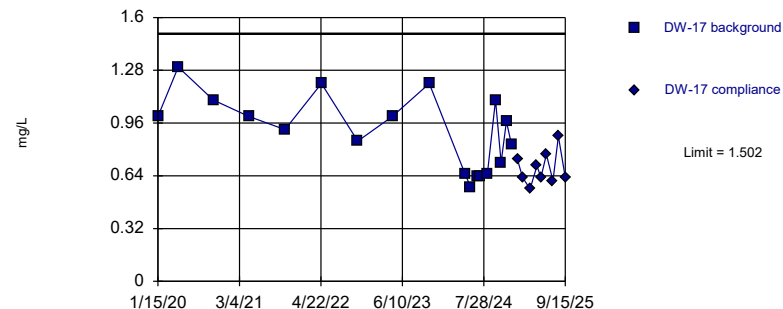
Background Data Summary: Mean=1.219, Std. Dev.=0.2714, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Potassium Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



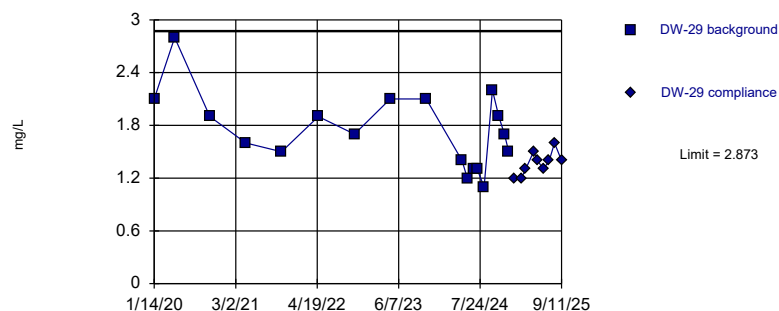
Background Data Summary: Mean=0.9078, Std. Dev.=0.2253, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Potassium Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric

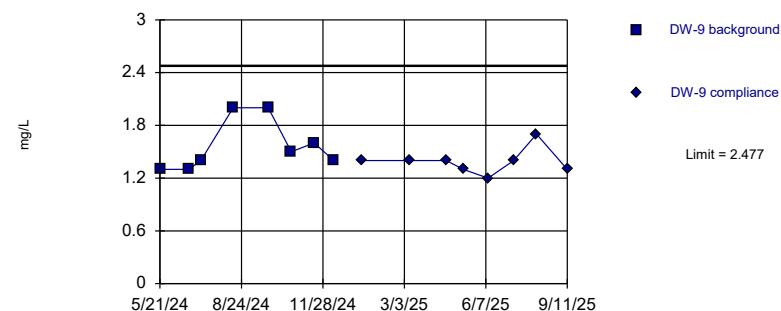


Background Data Summary: Mean=1.739, Std. Dev.=0.43, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.563, Std. Dev.=0.2875, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

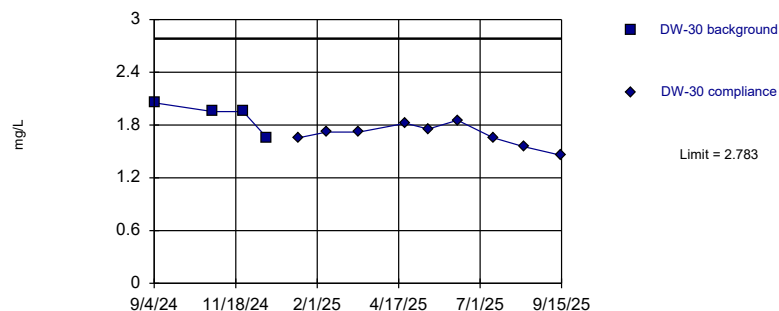
Constituent: Potassium Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Constituent: Potassium Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



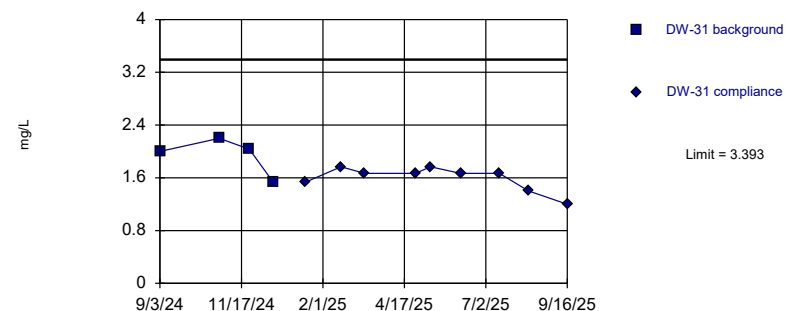
Background Data Summary: Mean=1.904, Std. Dev.=0.1732, n=4. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Potassium Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



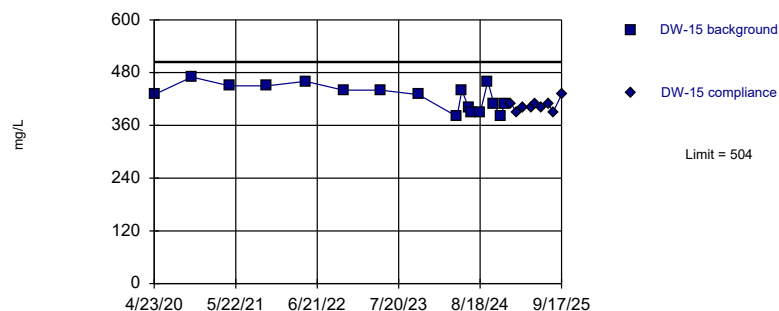
Background Data Summary: Mean=1.942, Std. Dev.=0.2859, n=4. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Potassium Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



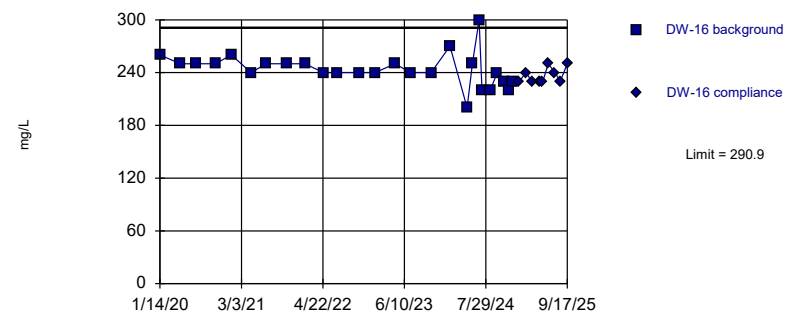
Background Data Summary: Mean=425.3, Std. Dev.=29.61, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



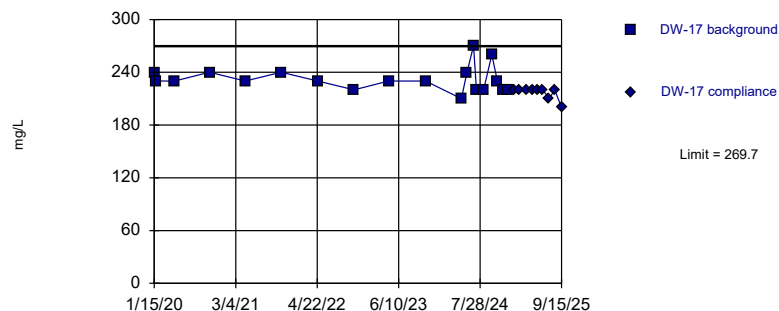
Background Data Summary: Mean=243.5, Std. Dev.=18.75, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



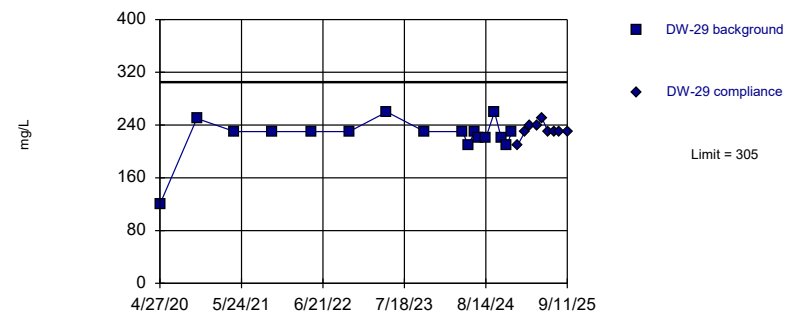
Background Data Summary: Mean=232.1, Std. Dev.=14.37, n=19. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



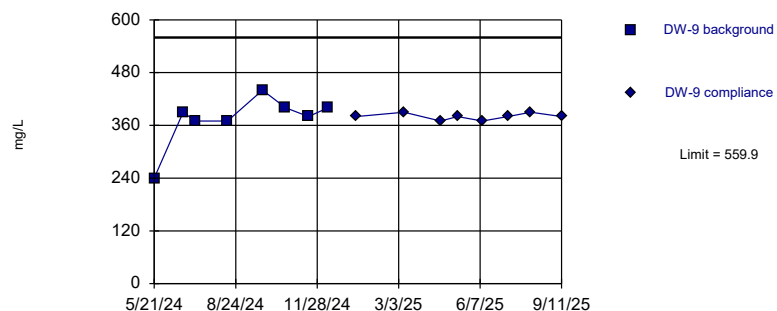
Background Data Summary: Mean=224.1, Std. Dev.=30.43, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



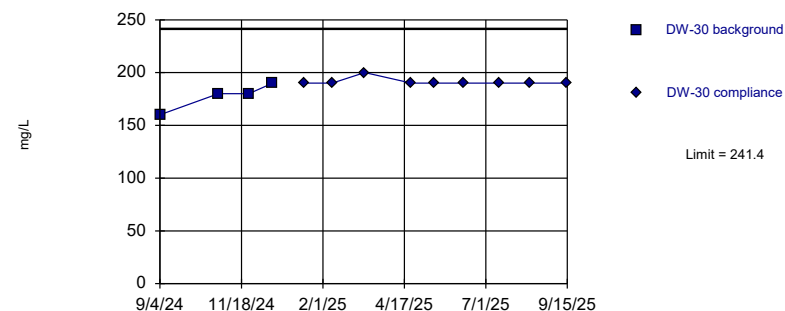
Background Data Summary: Mean=373.8, Std. Dev.=58.54, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



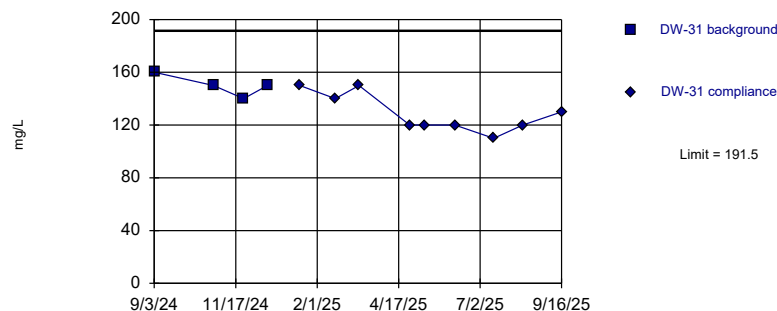
Background Data Summary: Mean=177.5, Std. Dev.=12.58, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



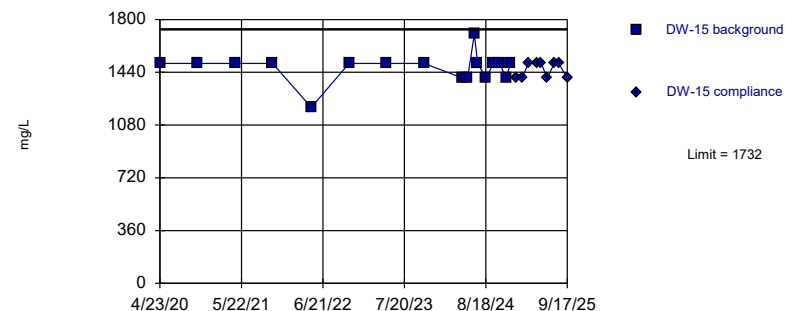
Background Data Summary: Mean=150, Std. Dev.=8.165, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



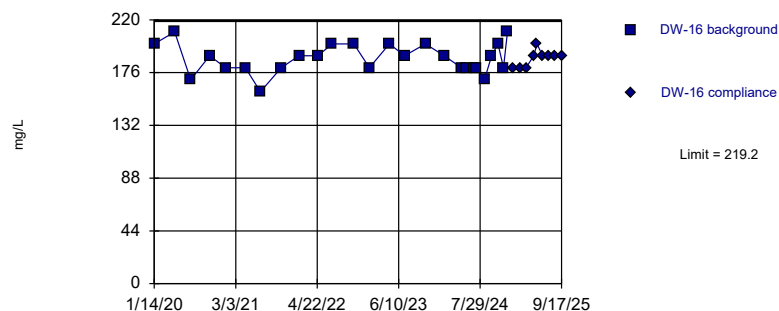
Background Data Summary: Mean=1471, Std. Dev.=98.52, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



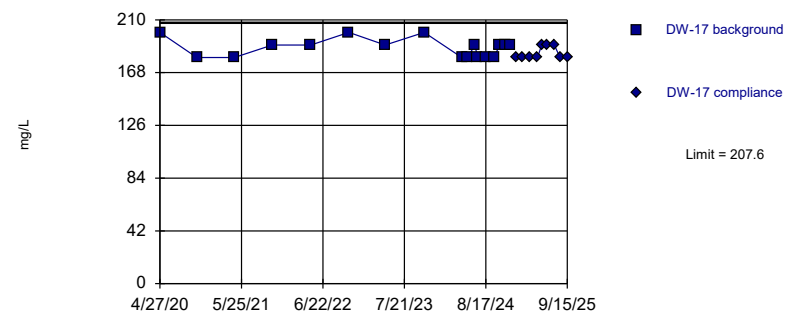
Background Data Summary: Mean=187.7, Std. Dev.=12.43, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



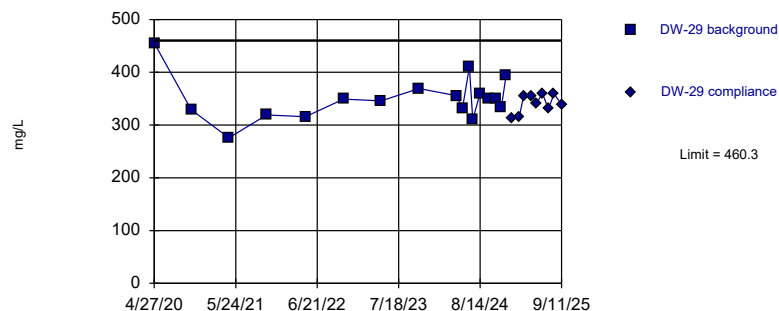
Background Data Summary: Mean=187.6, Std. Dev.=7.524, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



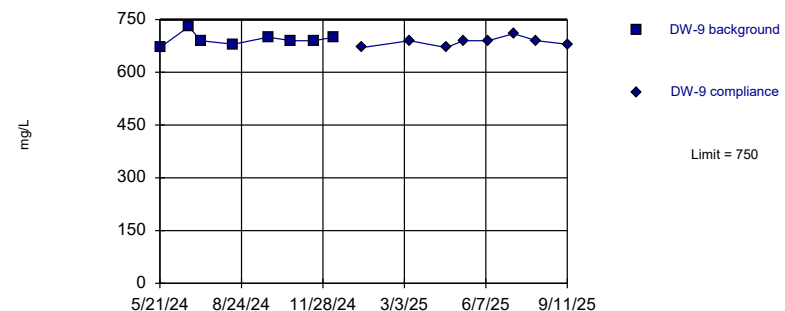
Background Data Summary: Mean=350, Std. Dev.=41.48, n=17. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



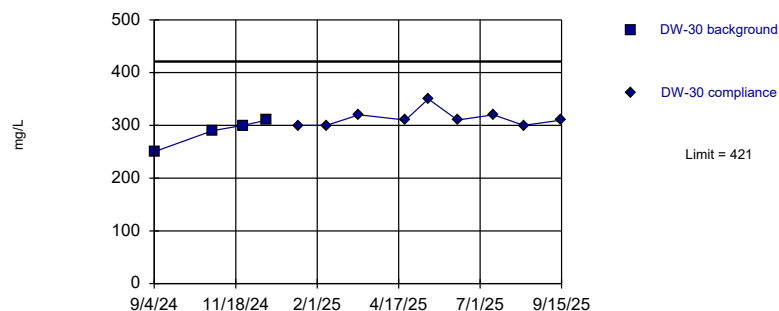
Background Data Summary: Mean=693.8, Std. Dev.=17.68, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



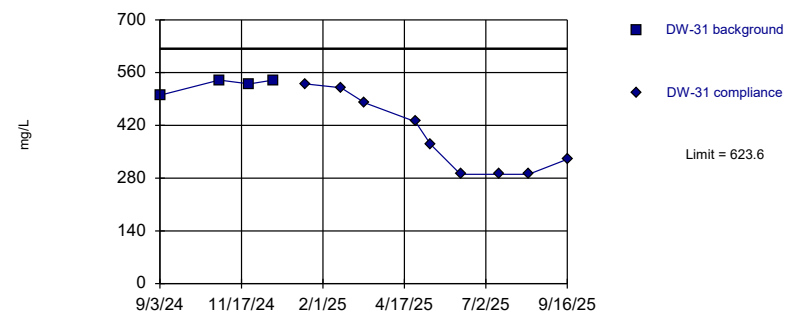
Background Data Summary: Mean=287.5, Std. Dev.=26.3, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



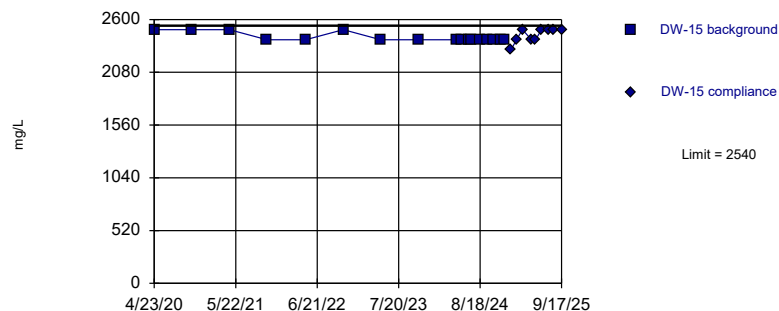
Background Data Summary: Mean=527.5, Std. Dev.=18.93, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



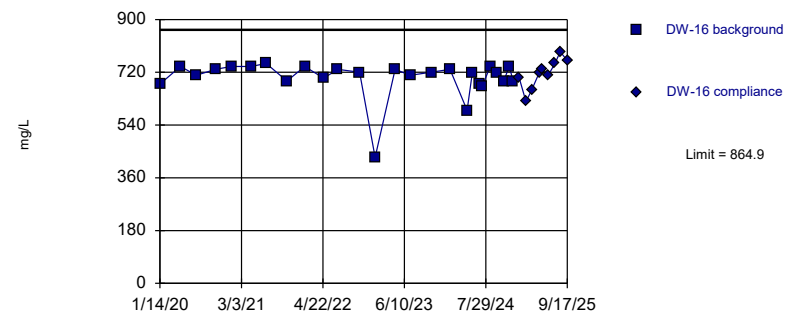
Background Data Summary: Mean=2424, Std. Dev.=43.72, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



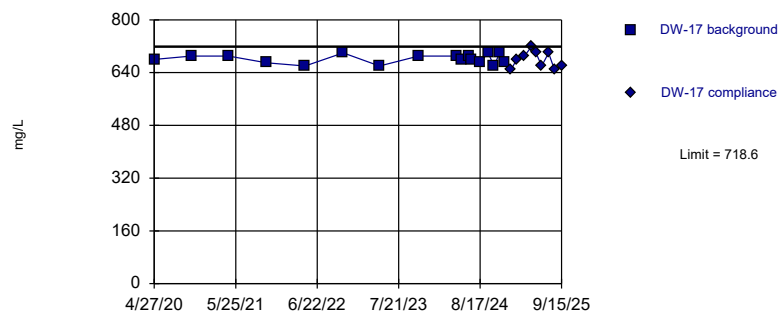
Background Data Summary: Mean=701.2, Std. Dev.=64.64, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



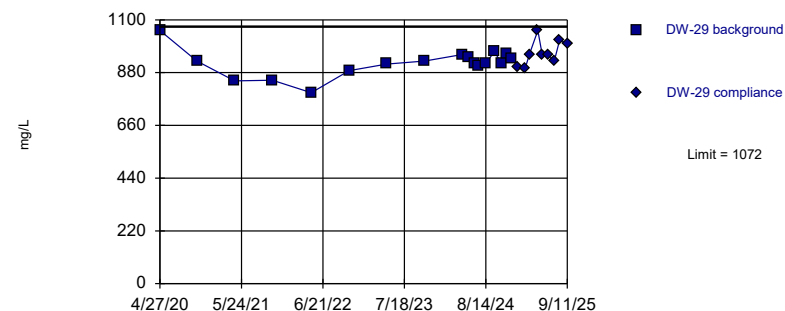
Background Data Summary: Mean=681.2, Std. Dev.=14.09, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



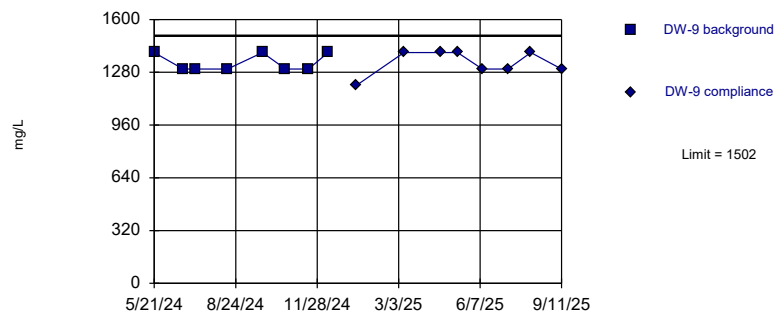
Background Data Summary: Mean=919.8, Std. Dev.=57.21, n=17. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



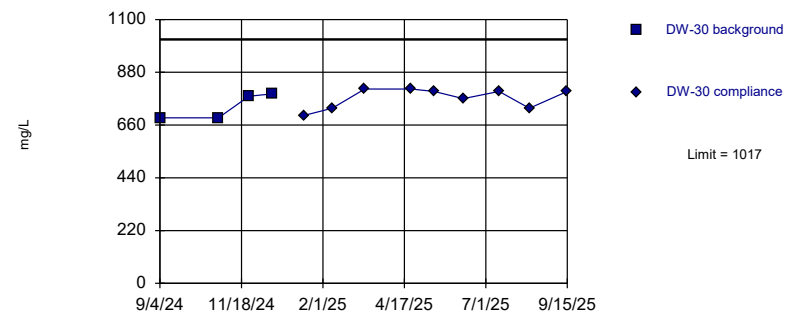
Background Data Summary: Mean=1338, Std. Dev.=51.75, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



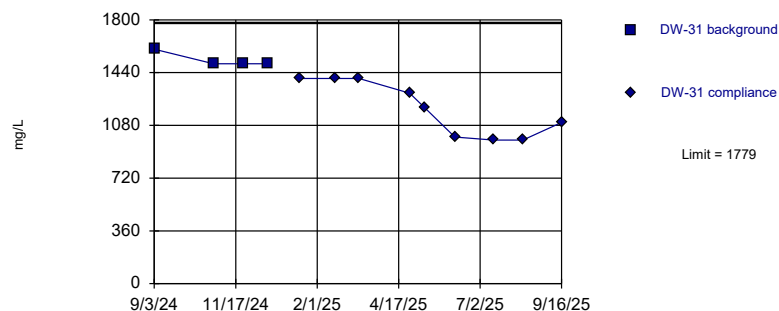
Background Data Summary: Mean=737.5, Std. Dev.=55, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



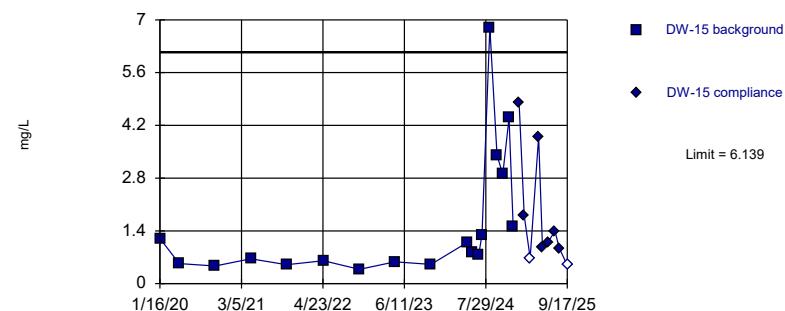
Background Data Summary: Mean=1525, Std. Dev.=50, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



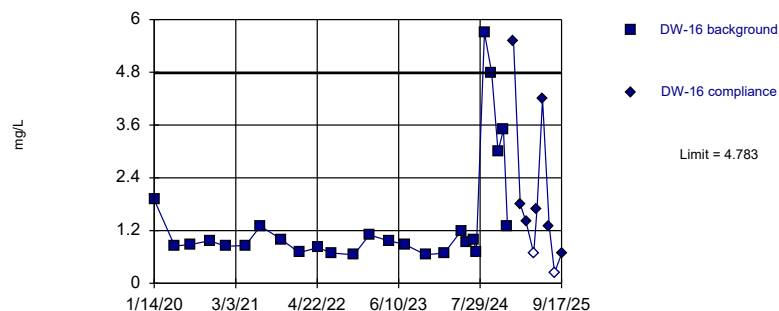
Background Data Summary: Mean=1.58, Std. Dev.=1.729, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Organic Carbon Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



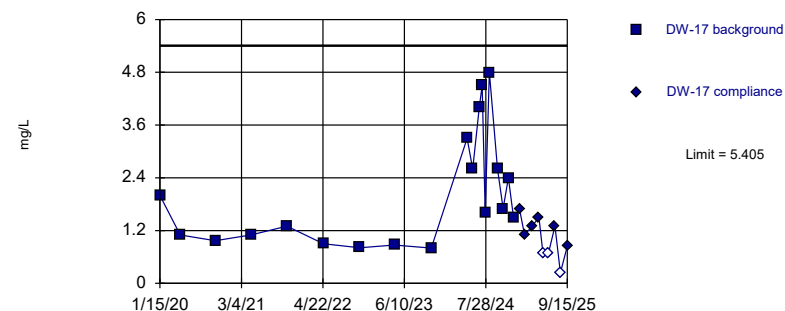
Background Data Summary: Mean=1.457, Std. Dev.=1.314, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Organic Carbon Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric

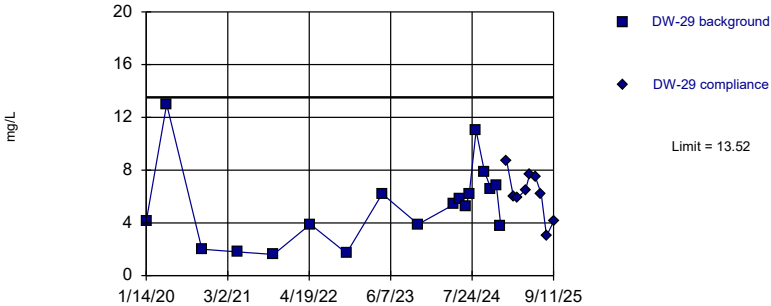


Background Data Summary: Mean=2.045, Std. Dev.=1.283, n=19. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Organic Carbon Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit
Intrawell Parametric

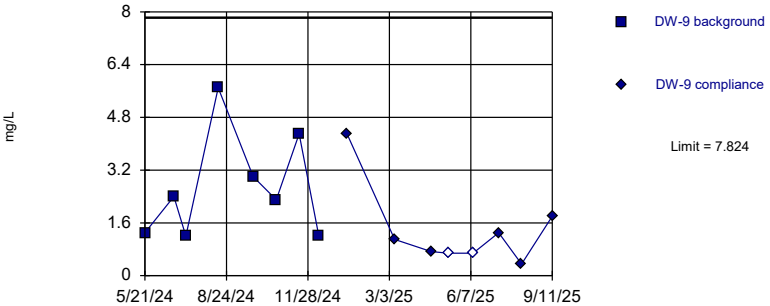


Background Data Summary: Mean=5.389, Std. Dev.=3.083, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Organic Carbon Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=2.675, Std. Dev.=1.619, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Organic Carbon Analysis Run 10/5/2025 10:06 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019