



15 de julio 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 siete pozos de monitoreo de aguas subterráneas existentes (DW-9, 15, 16, 17, 29, 30 y 31) y nuevos pozos de monitoreo para los parámetros de monitoreo del sitio. Se instaló un pozo fuera del sitio, FP-01, en abril de 2025 que se incluye en este informe. 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 (DW-9, 15, 16, 17, 19, 30 y 31) 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 muestras y evaluaciones trimestrales de los parámetros de monitoreo del sitio para estos pozos. Además, conforme a la Sección 1(e) de la Orden de Investigación, 40 CFR Parte 258 Apéndice II, se requirieron tomas de 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 de este nuevo pozo fuera del sitio 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 SECCIÓN 01 que todavía no estaban en la lista de constituyentes de inquietud.

PROCEDIMIENTOS DE CAMPO

Se tomaron muestras de aguas subterráneas de los siete pozos de EMP existentes, como se especifica en la Orden de Investigación en abril 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 abril, mayo y junio de 2025. Geo-Logic Associates tomó muestras del pozo FP-01 fuera del sitio para el programa de monitoreo de EMP en junio 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. En base a la profundidad medida hasta el agua, la profundidad total del pozo y el diámetro conocido del revestimiento, se calculó un volumen de 16.65 galones utilizando la siguiente ecuación:

$$CV = HW \times (7.48 \pi r^2)$$

donde:

CV = Volumen de revestimiento del pozo (galones)

r = Radio de revestimiento (pies)

HW = Altura de la columna de agua (pies)

7.48 = Galones por pie cúbico (gal/pie³)

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.

Las muestras de aguas subterráneas fueron analizadas para observar los parámetros de monitoreo especificados en el programa de monitoreo e informes (MRP). Las muestras de agua se guardaron 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 las muestras para este período de monitoreo están tabulados en la Tabla 1. No hay detecciones de VOC de los pozos DW-9, DW-17 y DW-29. Solo se informaron concentraciones de vestigios de un VOC del pozo DW-15 en cada una de las muestras de abril, mayo y junio - 1,4-diclorobenceno. Solo se detectaron concentraciones de un VOC, tetracloroetano en el pozo DW-30 en las muestras abril, mayo y junio. Como solo se detectaron concentraciones de vestigios de un solo VOC - por debajo del PQL - en los pozos DW-30 y DW-15, 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 abril - 30 de junio).

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. Se actualizó el conjunto de datos de los antecedentes para incluir los 5 años de datos previos de cada pozo de monitoreo antes del período de monitoreo actual. Los resultados estadísticos de los eventos de toma de muestras de abril, mayo y junio de 2025 indican una excedencia en el límite estadístico en la demanda de oxígeno químico (COD) en el pozo DW-16 en abril, en los pozos DW-9, DW-15 y DW-16 en mayo y ninguna excedencia en junio. Las excedencias de COD en eventos de muestras previas, que incluyen pozos de monitoreo del origen, sugieren que este parámetro no es un buen indicativo de una liberación del vertedero en el sitio. Debido a las repetidas excedencias, se monitoreará el COD en el pozo DW-16 en el futuro, en modo de seguimiento. El total de sólidos disueltos (TDS) en el pozo DW-17 excedió el límite de la predicción en abril, que ya está en modo de seguimiento. Las posteriores muestras de mayo y junio no excedieron el límite. El amoníaco en el pozo DW-29 excedió el límite de la predicción en junio de 2025. La concentración informada fue de 0.47 miligramos por litro (mg/L), pero generalmente está por debajo del MDL. Este resultado será evaluado en mayor detalle después de futuros eventos de toma de muestras. Fuera de los excesos de COD y TDS limitados indicados arriba, todos los demás parámetros estuvieron dentro de los límites correspondientes.

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.

Dr. Enrique Casas
15 de julio de 2025
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Por favor, comuníquese con el firmante llamando al (818) 652-9262 si tiene preguntas.

Atentamente,

Chang Environmental

A handwritten signature in black ink, appearing to read 'Paul D. Chang', with a stylized flourish at the end.

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	4/22/25	none	
DW-9	5/12/25	none	
DW-9	6/10/25	none	
DW-15	4/24/25	1,4-Dichlorobenzene	0.2 J
DW-15	5/14/25	1,4-Dichlorobenzene	0.2 J
DW-15	6/11/25	1,4-Dichlorobenzene	0.2 J
DW-16	4/28/25	1,1-Dichloroethane	0.9 J
DW-16	4/28/25	1,4-Dichlorobenzene	0.3 J
DW-16	4/28/25	Benzene	0.2 J
DW-16	4/28/25	Chloroform	0.3 J
DW-16	4/28/25	cis-1,2-Dichloroethene	0.6 J
DW-16	4/28/25	Tetrachloroethene	0.6 J
DW-16	4/28/25	Trichloroethene	0.7 J
DW-16	4/28/25	Trichlorofluoromethane	0.09 J
DW-16	5/15/25	1,1-Dichloroethane	1.2 J
DW-16	5/15/25	1,4-Dichlorobenzene	0.3 J
DW-16	5/15/25	Benzene	0.2 J
DW-16	5/15/25	Chloroform	0.2 J
DW-16	5/15/25	cis-1,2-Dichloroethene	0.9 J
DW-16	5/15/25	Tetrachloroethene	0.7 J
DW-16	5/15/25	Trichloroethene	0.7 J
DW-16	5/15/25	Trichlorofluoromethane	0.1 J
DW-16	5/15/25	Vinyl Chloride	0.2 J
DW-16	6/12/25	1,1-Dichloroethane	1.2 J
DW-16	6/12/25	1,4-Dichlorobenzene	0.2 J
DW-16	6/12/25	Benzene	0.2 J
DW-16	6/12/25	Chloroform	0.1 J
DW-16	6/12/25	cis-1,2-Dichloroethene	0.7 J
DW-16	6/12/25	Freon 12	0.4 J
DW-16	6/12/25	Tetrachloroethene	0.6 J
DW-16	6/12/25	Trichloroethene	0.7 J
DW-16	6/12/25	Trichlorofluoromethane	0.1 J
DW-17	4/24/25	none	
DW-17	5/14/25	none	
DW-17	6/11/25	none	
DW-29	4/22/25	none	

TABLE 1
DETECTED ORGANIC COMPOUNDS
CHIQUITA CANYON LANDFILL

Well ID	Sample Date	Compound	Concentration (ug/L)
DW-29	5/13/25	none	
DW-29	6/10/25	none	
DW-30	4/24/25	Tetrachloroethene	0.4 J
DW-30	5/15/25	Tetrachloroethene	0.5 J
DW-30	6/11/25	Tetrachloroethene	0.6 J
DW-31	4/28/25	1,4-Dioxane	6.0
DW-31	5/12/25	1,4-Dioxane	6.5
DW-31	6/9/25	1,4-Dioxane	10
FP-01	6/19/25	1,4-Dioxane	6.2
BLANKS			
Equipment Blank	6/19/25	Chloroform	0.6 J
Equipment Blank	6/19/25	Methylene Chloride	3.4 J
Field Blank	4/22/25	Chloroform	0.8 J
Field Blank	4/22/25	Methylene Chloride	6.5
Field Blank	4/23/25	Chloroform	0.8 J
Field Blank	4/23/25	Methylene Chloride	7.1
Field Blank	4/24/25	Chloroform	0.7 J
Field Blank	4/24/25	Methylene Chloride	5.9
Field Blank	4/28/25	Chloroform	0.7 J
Field Blank	4/28/25	Methylene Chloride	6.4
Field Blank	5/12/25	Chloroform	0.7 J
Field Blank	5/12/25	Methylene Chloride	2.5 J
Field Blank	5/13/25	Chloroform	0.7 J
Field Blank	5/13/25	Methylene Chloride	2.9 J
Field Blank	5/14/25	Chloroform	0.6 J
Field Blank	5/15/25	Chloroform	0.9 J
Field Blank	5/15/25	Methylene Chloride	11
Field Blank	6/9/25	Chloroform	0.7 J
Field Blank	6/9/25	Methylene Chloride	7.4
Field Blank	6/10/25	Chloroform	0.8 J
Field Blank	6/10/25	Methylene Chloride	7.7
Field Blank	6/11/25	Chloroform	0.8 J
Field Blank	6/11/25	Methylene Chloride	7.0
Field Blank	6/12/25	Chloroform	0.7 J
Field Blank	6/12/25	Methylene Chloride	6.7
Field Blank	6/19/25	Chloroform	0.7 J
Field Blank	6/12/25	Methylene Chloride	3.9 J

TABLE 1
DETECTED ORGANIC COMPOUNDS
CHIQUITA CANYON LANDFILL

Well ID	Sample Date	Compound	Concentration (ug/L)
Trip Blank	4/22/25	Chloroform	0.5 J
Trip Blank	4/23/25	Chloroform	0.5 J
Trip Blank	4/24/25	Chloroform	0.5 J
Trip Blank	4/28/25	Chloroform	0.5 J
Trip Blank	5/12/25	Chloroform	0.6 J
Trip Blank	5/13/25	Chloroform	0.5 J
Trip Blank	5/14/25	Chloroform	0.5 J
Trip Blank	5/15/25	Chloroform	0.6 J
Trip Blank	6/9/25	Chloroform	0.9 J
Trip Blank	6/9/25	Methylene Chloride	7.3
Trip Blank	6/10/25	Chloroform	0.8 J
Trip Blank	6/10/25	Methylene Chloride	6.9
Trip Blank	6/11/25	Chloroform	0.5 J
Trip Blank	6/12/25	Chloroform	0.5 J
Trip Blank	6/19/25	Chloroform	0.5 J

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

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)
APRIL 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	E	W	W	W	W	W	W	W
DW-17	W	W	W	W	W	W	W	W	E	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
MAY 2025										
DW-9	W	W	E	W	W	W	W	W	W	W
DW-15	W	W	E	W	W	W	W	W	W	W
DW-16	W	W	E	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
JUNE 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	E	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 : 531579
Report Level : II
Report Date : 05/07/2025

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, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

Sample Summary

Steve Cassulo	Lab Job #:	531579
Waste Connections	Project No:	GW MONITORING
Chiquita Canyon Landfill	Location:	Chiquita Canyon Landfill - Quarterly MPars
29201 Henry Mayo	Date Received:	04/22/25
Drive		
Castaic, CA 91384		

Sample ID	Lab ID	Collected	Matrix
DW-28	531579-001	04/22/25 08:37	Water
DW-8	531579-002	04/22/25 10:10	Water
DW-9	531579-003	04/22/25 11:32	Water
DW-29	531579-004	04/22/25 12:38	Water
QCFB	531579-005	04/22/25 10:12	Water
QCTB	531579-006	04/22/25 00:00	Water

Case Narrative

Waste Connections	Lab Job Number: 531579
Chiquita Canyon Landfill	Project No: GW MONITORING
29201 Henry Mayo Drive	Location: Chiquita Canyon Landfill - Quarterly
Castaic, CA 91384	MPars
Steve Cassulo	Date Received: 04/22/25

This data package contains sample and QC results for six water samples, requested for the above referenced project on 04/23/25. 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):

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: 4/23/25 WO# 531579 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 4/23/25 By (initials) NICK G 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: IRU CF: +0.1

Cooler Temp (°C) #1: 4.3 / 4.4 #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?	☒	☐	☐
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.)

4.4) SAMPLE 006 - BOTH HCL VOA VIALS w/ NO ID, DATE, TIME -
LABELED BASED ON PROCESS OF ELIMINATION

4.13) SAMPLE 006- 1 OF 2 HCL VOA VIALS w/ HEADSPACE > 6mm

☐ No additional discrepancies

Date Logged 4/22/25 By (print) ABD (sign) ABD

Date Labeled 4/23/25 By (print) JXR (sign) JXR

Analysis Results for 531579

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

Lab Job #: 531579
Project No: GW MONITORING
Location: Chiquita Canyon Landfill - Quarterly MPars
Date Received: 04/22/25

Sample ID: DW-28

Lab ID: 531579-001

Collected: 04/22/25 08:37

Matrix: Water

531579-001 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	0.034	1	370129	04/30/25 14:55	05/01/25 11:52	AJL
Chloride	34		mg/L	1.0	0.27	1	369548	04/23/25 15:23	04/23/25 16:31	SSN
Bromide	0.17	J	mg/L	0.30	0.060	1	369548	04/23/25 15:23	04/23/25 16:31	SSN
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	369548	04/23/25 15:23	04/23/25 16:31	SSN
Sulfate	450		mg/L	10	1.8	10	369548	04/23/25 15:23	04/23/25 16:48	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	0.39		mg/L	0.10	0.050	1	369651	04/24/25	04/24/25	DAD
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	2.0	J	mg/L	4.0	2.0	1	369882	04/28/25	04/28/25	DXA
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	1.5		mg/L	0.050	0.0055	1	369547	04/23/25	04/23/25	CAP
Calcium	5.3		mg/L	0.57	0.57	1	369547	04/23/25	04/23/25	CAP
Iron	ND		mg/L	0.046	0.046	1	369547	04/23/25	04/23/25	CAP
Magnesium	0.91		mg/L	0.10	0.025	1	369547	04/23/25	04/23/25	CAP
Manganese	0.0048	J	mg/L	0.010	0.0029	1	369547	04/23/25	04/23/25	CAP
Potassium	0.90		mg/L	0.50	0.40	1	369547	04/23/25	04/24/25	CAP
Sodium	340		mg/L	0.50	0.35	1	369547	04/23/25	04/24/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.6	1	369514	04/23/25	04/23/25	LYZ
Freon 12	ND		ug/L	5.0	0.3	1	369514	04/23/25	04/23/25	LYZ
Chloromethane	ND		ug/L	5.0	0.4	1	369514	04/23/25	04/23/25	LYZ
Vinyl Chloride	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Bromomethane	ND		ug/L	5.0	0.8	1	369514	04/23/25	04/23/25	LYZ
Chloroethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Acetone	ND		ug/L	100	17	1	369514	04/23/25	04/23/25	LYZ
Freon 113	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Methylene Chloride	ND		ug/L	5.0	3.5	1	369514	04/23/25	04/23/25	LYZ
MTBE	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,1-Dichloroethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
2-Butanone	ND		ug/L	100	2.0	1	369514	04/23/25	04/23/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Chloroform	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ

Analysis Results for 531579

531579-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Benzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Trichloroethene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Bromodichloromethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Dibromomethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.4	1	369514	04/23/25	04/23/25	LYZ
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Toluene	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
1,3-Dichloropropane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Tetrachloroethene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Dibromochloromethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2-Dibromoethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Chlorobenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Ethylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
m,p-Xylenes	ND		ug/L	10	0.2	1	369514	04/23/25	04/23/25	LYZ
o-Xylene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Styrene	ND		ug/L	5.0	0.08	1	369514	04/23/25	04/23/25	LYZ
Bromoform	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Isopropylbenzene	ND		ug/L	5.0	0.09	1	369514	04/23/25	04/23/25	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Propylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Bromobenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
sec-Butylbenzene	ND		ug/L	5.0	0.08	1	369514	04/23/25	04/23/25	LYZ
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
n-Butylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	1	369514	04/23/25	04/23/25	LYZ
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Hexachlorobutadiene	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Naphthalene	ND		ug/L	5.0	0.3	1	369514	04/23/25	04/23/25	LYZ
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Xylene (total)	ND		ug/L	5.0		1	369514	04/23/25	04/23/25	LYZ
Surrogates			Limits							
Dibromofluoromethane	99%		%REC	70-130		1	369514	04/23/25	04/23/25	LYZ

Analysis Results for 531579

531579-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	110%		%REC	70-130		1	369514	04/23/25	04/23/25	LYZ
Toluene-d8	96%		%REC	70-130		1	369514	04/23/25	04/23/25	LYZ
Bromofluorobenzene	97%		%REC	70-130		1	369514	04/23/25	04/23/25	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.88	1	369774	04/25/25	04/26/25	HQN
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	369774	04/25/25	04/26/25	HQN
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	369733	04/25/25	04/25/25	DXA
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	2.1		mg/L	1.0	0.68	1	369669	04/24/25	04/25/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	270		mg/L	5.0		2.5	369830	04/26/25	04/26/25	WWC
Alkalinity, Total as CaCO3	340		mg/L	5.0		2.5	369830	04/26/25	04/26/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,100		mg/L	20		2	369571	04/23/25	04/24/25	RDL

Analysis Results for 531579

Sample ID: DW-8
Lab ID: 531579-002
Collected: 04/22/25 10:10
Matrix: Water

531579-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.21		mg/L	0.20	0.034	1	370129	04/30/25 14:55	05/01/25 12:12	AJL
Chloride	65		mg/L	1.0	0.27	1	369548	04/23/25 15:23	04/23/25 17:05	SSN
Bromide	0.18	J	mg/L	0.30	0.060	1	369548	04/23/25 15:23	04/23/25 17:05	SSN
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	369548	04/23/25 15:23	04/23/25 17:05	SSN
Sulfate	2,800		mg/L	50	9.1	50	369548	04/23/25 15:23	04/24/25 10:20	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	1.1		mg/L	0.10	0.050	1	369651	04/24/25	04/24/25	DAD
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	369882	04/28/25	04/28/25	DXA
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	1.2		mg/L	0.050	0.0055	1	369547	04/23/25	04/23/25	CAP
Calcium	390		mg/L	0.57	0.57	1	369547	04/23/25	04/23/25	CAP
Iron	5.9		mg/L	0.046	0.046	1	369547	04/23/25	04/23/25	CAP
Magnesium	220		mg/L	0.10	0.025	1	369547	04/23/25	04/23/25	CAP
Manganese	0.076		mg/L	0.010	0.0029	1	369547	04/23/25	04/23/25	CAP
Potassium	6.3		mg/L	0.50	0.40	1	369547	04/23/25	04/24/25	CAP
Sodium	590		mg/L	0.50	0.35	1	369547	04/23/25	04/24/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.6	1	369514	04/23/25	04/23/25	LYZ
Freon 12	ND		ug/L	5.0	0.3	1	369514	04/23/25	04/23/25	LYZ
Chloromethane	ND		ug/L	5.0	0.4	1	369514	04/23/25	04/23/25	LYZ
Vinyl Chloride	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Bromomethane	ND		ug/L	5.0	0.8	1	369514	04/23/25	04/23/25	LYZ
Chloroethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Acetone	ND		ug/L	100	17	1	369514	04/23/25	04/23/25	LYZ
Freon 113	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Methylene Chloride	ND		ug/L	5.0	3.5	1	369514	04/23/25	04/23/25	LYZ
MTBE	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,1-Dichloroethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
2-Butanone	ND		ug/L	100	2.0	1	369514	04/23/25	04/23/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Chloroform	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Bromochloromethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ

Analysis Results for 531579

531579-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Trichloroethene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Bromodichloromethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Dibromomethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.4	1	369514	04/23/25	04/23/25	LYZ
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Toluene	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
1,3-Dichloropropane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Tetrachloroethene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Dibromochloromethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2-Dibromoethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Chlorobenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Ethylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
m,p-Xylenes	ND		ug/L	10	0.2	1	369514	04/23/25	04/23/25	LYZ
o-Xylene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Styrene	ND		ug/L	5.0	0.08	1	369514	04/23/25	04/23/25	LYZ
Bromoform	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Isopropylbenzene	ND		ug/L	5.0	0.09	1	369514	04/23/25	04/23/25	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Propylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Bromobenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
sec-Butylbenzene	ND		ug/L	5.0	0.08	1	369514	04/23/25	04/23/25	LYZ
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
n-Butylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	1	369514	04/23/25	04/23/25	LYZ
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Hexachlorobutadiene	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Naphthalene	ND		ug/L	5.0	0.3	1	369514	04/23/25	04/23/25	LYZ
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Xylene (total)	ND		ug/L	5.0		1	369514	04/23/25	04/23/25	LYZ
Surrogates			Limits							
Dibromofluoromethane	98%		%REC	70-130		1	369514	04/23/25	04/23/25	LYZ
1,2-Dichloroethane-d4	111%		%REC	70-130		1	369514	04/23/25	04/23/25	LYZ
Toluene-d8	94%		%REC	70-130		1	369514	04/23/25	04/23/25	LYZ
Bromofluorobenzene	97%		%REC	70-130		1	369514	04/23/25	04/23/25	LYZ

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 531579

531579-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.88	1	369774	04/25/25	04/26/25	HQN
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	369774	04/25/25	04/26/25	HQN
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	369733	04/25/25	04/25/25	DXA
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	1.2		mg/L	1.0	0.68	1	369669	04/24/25	04/25/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	380		mg/L	10		5	369830	04/26/25	04/26/25	WWC
Alkalinity, Total as CaCO3	380		mg/L	10		5	369830	04/26/25	04/26/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	4,700		mg/L	40		4	369571	04/23/25	04/24/25	RDL

Analysis Results for 531579

Sample ID: DW-9
Lab ID: 531579-003
Collected: 04/22/25 11:32
Matrix: Water

531579-003 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	0.034	1	370129	04/30/25 14:55	05/01/25 12:33	AJL
Chloride	79		mg/L	1.0	0.27	1	369548	04/23/25 15:23	04/23/25 17:38	SSN
Bromide	0.25	J	mg/L	0.30	0.060	1	369548	04/23/25 15:23	04/23/25 17:38	SSN
Nitrogen, Nitrate	2.0		mg/L	0.10	0.05	1	369548	04/23/25 15:23	04/23/25 17:38	SSN
Sulfate	670		mg/L	10	1.8	10	369548	04/23/25 15:23	04/23/25 17:55	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	369651	04/24/25	04/24/25	DAD
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	369882	04/28/25	04/28/25	DXA
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.67		mg/L	0.050	0.0055	1	369547	04/23/25	04/23/25	CAP
Calcium	24		mg/L	0.57	0.57	1	369547	04/23/25	04/23/25	CAP
Iron	0.058		mg/L	0.046	0.046	1	369547	04/23/25	04/23/25	CAP
Magnesium	2.5		mg/L	0.10	0.025	1	369547	04/23/25	04/23/25	CAP
Manganese	ND		mg/L	0.010	0.0029	1	369547	04/23/25	04/23/25	CAP
Potassium	1.4		mg/L	0.50	0.40	1	369547	04/23/25	04/24/25	CAP
Sodium	370		mg/L	0.50	0.35	1	369547	04/23/25	04/24/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.6	1	369514	04/23/25	04/23/25	LYZ
Freon 12	ND		ug/L	5.0	0.3	1	369514	04/23/25	04/23/25	LYZ
Chloromethane	ND		ug/L	5.0	0.4	1	369514	04/23/25	04/23/25	LYZ
Vinyl Chloride	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Bromomethane	ND		ug/L	5.0	0.8	1	369514	04/23/25	04/23/25	LYZ
Chloroethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Acetone	ND		ug/L	100	17	1	369514	04/23/25	04/23/25	LYZ
Freon 113	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Methylene Chloride	ND		ug/L	5.0	3.5	1	369514	04/23/25	04/23/25	LYZ
MTBE	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,1-Dichloroethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
2-Butanone	ND		ug/L	100	2.0	1	369514	04/23/25	04/23/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Chloroform	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Bromochloromethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ

Analysis Results for 531579

531579-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Trichloroethene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Bromodichloromethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Dibromomethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.4	1	369514	04/23/25	04/23/25	LYZ
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Toluene	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
1,3-Dichloropropane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Tetrachloroethene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Dibromochloromethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2-Dibromoethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Chlorobenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Ethylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
m,p-Xylenes	ND		ug/L	10	0.2	1	369514	04/23/25	04/23/25	LYZ
o-Xylene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Styrene	ND		ug/L	5.0	0.08	1	369514	04/23/25	04/23/25	LYZ
Bromoform	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Isopropylbenzene	ND		ug/L	5.0	0.09	1	369514	04/23/25	04/23/25	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Propylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Bromobenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
sec-Butylbenzene	ND		ug/L	5.0	0.08	1	369514	04/23/25	04/23/25	LYZ
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
n-Butylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	1	369514	04/23/25	04/23/25	LYZ
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Hexachlorobutadiene	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Naphthalene	ND		ug/L	5.0	0.3	1	369514	04/23/25	04/23/25	LYZ
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Xylene (total)	ND		ug/L	5.0		1	369514	04/23/25	04/23/25	LYZ
Surrogates			Limits							
Dibromofluoromethane	99%	%REC	70-130			1	369514	04/23/25	04/23/25	LYZ
1,2-Dichloroethane-d4	112%	%REC	70-130			1	369514	04/23/25	04/23/25	LYZ
Toluene-d8	98%	%REC	70-130			1	369514	04/23/25	04/23/25	LYZ
Bromofluorobenzene	97%	%REC	70-130			1	369514	04/23/25	04/23/25	LYZ

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 531579

531579-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.88	1	369774	04/25/25	04/26/25	HQN
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	101%		%REC	80-120		1	369774	04/25/25	04/26/25	HQN
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	369733	04/25/25	04/25/25	DXA
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	0.73	J	mg/L	1.0	0.68	1	369669	04/24/25	04/25/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	170		mg/L	10		5	369830	04/26/25	04/26/25	WWC
Alkalinity, Total as CaCO3	170		mg/L	10		5	369830	04/26/25	04/26/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,400		mg/L	20		2	369571	04/23/25	04/24/25	RDL

Analysis Results for 531579

Sample ID: DW-29
Lab ID: 531579-004
Collected: 04/22/25 12:38
Matrix: Water

531579-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.35		mg/L	0.20	0.034	1	370505	05/05/25 18:00	05/05/25 23:49	SSN
Chloride	92		mg/L	1.0	0.27	1	369548	04/23/25 15:23	04/23/25 18:12	SSN
Bromide	0.30	J	mg/L	0.30	0.060	1	369548	04/23/25 15:23	04/23/25 18:12	SSN
Nitrogen, Nitrate	2.1		mg/L	0.10	0.05	1	369548	04/23/25 15:23	04/23/25 18:12	SSN
Sulfate	360		mg/L	10	1.8	10	369548	04/23/25 15:23	04/23/25 18:29	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	369651	04/24/25	04/24/25	DAD
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	369882	04/28/25	04/28/25	DXA
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.42		mg/L	0.050	0.0055	1	369547	04/23/25	04/23/25	CAP
Calcium	79		mg/L	0.57	0.57	1	369547	04/23/25	04/23/25	CAP
Iron	0.051		mg/L	0.046	0.046	1	369547	04/23/25	04/23/25	CAP
Magnesium	10		mg/L	0.10	0.025	1	369547	04/23/25	04/23/25	CAP
Manganese	0.11		mg/L	0.010	0.0029	1	369547	04/23/25	04/23/25	CAP
Potassium	1.5		mg/L	0.50	0.40	1	369547	04/23/25	04/24/25	CAP
Sodium	240		mg/L	0.50	0.35	1	369547	04/23/25	04/24/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.6	1	369514	04/23/25	04/23/25	LYZ
Freon 12	ND		ug/L	5.0	0.3	1	369514	04/23/25	04/23/25	LYZ
Chloromethane	ND		ug/L	5.0	0.4	1	369514	04/23/25	04/23/25	LYZ
Vinyl Chloride	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Bromomethane	ND		ug/L	5.0	0.8	1	369514	04/23/25	04/23/25	LYZ
Chloroethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Acetone	ND		ug/L	100	17	1	369514	04/23/25	04/23/25	LYZ
Freon 113	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Methylene Chloride	ND		ug/L	5.0	3.5	1	369514	04/23/25	04/23/25	LYZ
MTBE	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,1-Dichloroethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
2-Butanone	ND		ug/L	100	2.0	1	369514	04/23/25	04/23/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Chloroform	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Bromochloromethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ

Analysis Results for 531579

531579-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Trichloroethene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Bromodichloromethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Dibromomethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.4	1	369514	04/23/25	04/23/25	LYZ
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Toluene	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
1,3-Dichloropropane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Tetrachloroethene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Dibromochloromethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2-Dibromoethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Chlorobenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Ethylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
m,p-Xylenes	ND		ug/L	10	0.2	1	369514	04/23/25	04/23/25	LYZ
o-Xylene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Styrene	ND		ug/L	5.0	0.08	1	369514	04/23/25	04/23/25	LYZ
Bromoform	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Isopropylbenzene	ND		ug/L	5.0	0.09	1	369514	04/23/25	04/23/25	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Propylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Bromobenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
sec-Butylbenzene	ND		ug/L	5.0	0.08	1	369514	04/23/25	04/23/25	LYZ
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
n-Butylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	1	369514	04/23/25	04/23/25	LYZ
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Hexachlorobutadiene	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Naphthalene	ND		ug/L	5.0	0.3	1	369514	04/23/25	04/23/25	LYZ
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Xylene (total)	ND		ug/L	5.0		1	369514	04/23/25	04/23/25	LYZ
Surrogates			Limits							
Dibromofluoromethane	99%		%REC	70-130		1	369514	04/23/25	04/23/25	LYZ
1,2-Dichloroethane-d4	111%		%REC	70-130		1	369514	04/23/25	04/23/25	LYZ
Toluene-d8	95%		%REC	70-130		1	369514	04/23/25	04/23/25	LYZ
Bromofluorobenzene	100%		%REC	70-130		1	369514	04/23/25	04/23/25	LYZ

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 531579

531579-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.88	1	369774	04/25/25	04/26/25	HQN
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	369774	04/25/25	04/26/25	HQN
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	369733	04/25/25	04/25/25	DXA
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	6.5		mg/L	1.0	0.68	1	369669	04/24/25	04/25/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	300		mg/L	10		5	369830	04/26/25	04/26/25	WWC
Alkalinity, Total as CaCO3	300		mg/L	10		5	369830	04/26/25	04/26/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,100		mg/L	20		2	369571	04/23/25	04/24/25	RDL

Analysis Results for 531579

Sample ID: QCFB
Lab ID: 531579-005
Collected: 04/22/25 10:12
Matrix: Water

531579-005 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	0.6	1	369514	04/23/25	04/23/25	TCN
Freon 12	ND		ug/L	5.0	0.3	1	369514	04/23/25	04/23/25	TCN
Chloromethane	ND		ug/L	5.0	0.4	1	369514	04/23/25	04/23/25	TCN
Vinyl Chloride	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
Bromomethane	ND		ug/L	5.0	0.8	1	369514	04/23/25	04/23/25	TCN
Chloroethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	TCN
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
Acetone	ND		ug/L	100	17	1	369514	04/23/25	04/23/25	TCN
Freon 113	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
Methylene Chloride	6.5		ug/L	5.0	3.5	1	369514	04/23/25	04/23/25	TCN
MTBE	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
1,1-Dichloroethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
2-Butanone	ND		ug/L	100	2.0	1	369514	04/23/25	04/23/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	TCN
Chloroform	0.8	J	ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
Bromochloromethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	TCN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	TCN
Benzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
Trichloroethene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
Bromodichloromethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
Dibromomethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.4	1	369514	04/23/25	04/23/25	TCN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
Toluene	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	TCN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	TCN
1,3-Dichloropropane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	TCN
Tetrachloroethene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
Dibromochloromethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
1,2-Dibromoethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	TCN
Chlorobenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	TCN
Ethylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
m,p-Xylenes	ND		ug/L	10	0.2	1	369514	04/23/25	04/23/25	TCN
o-Xylene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
Styrene	ND		ug/L	5.0	0.08	1	369514	04/23/25	04/23/25	TCN
Bromoform	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	TCN
Isopropylbenzene	ND		ug/L	5.0	0.09	1	369514	04/23/25	04/23/25	TCN

Analysis Results for 531579

531579-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	TCN
Propylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
Bromobenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
sec-Butylbenzene	ND		ug/L	5.0	0.08	1	369514	04/23/25	04/23/25	TCN
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	TCN
n-Butylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	1	369514	04/23/25	04/23/25	TCN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	TCN
Hexachlorobutadiene	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	TCN
Naphthalene	ND		ug/L	5.0	0.3	1	369514	04/23/25	04/23/25	TCN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	TCN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	TCN
Xylene (total)	ND		ug/L	5.0		1	369514	04/23/25	04/23/25	TCN
Surrogates	Limits									
Dibromofluoromethane	99%		%REC	70-130		1	369514	04/23/25	04/23/25	TCN
1,2-Dichloroethane-d4	109%		%REC	70-130		1	369514	04/23/25	04/23/25	TCN
Toluene-d8	95%		%REC	70-130		1	369514	04/23/25	04/23/25	TCN
Bromofluorobenzene	101%		%REC	70-130		1	369514	04/23/25	04/23/25	TCN

Analysis Results for 531579

Sample ID: QCTB
Lab ID: 531579-006
Collected: 04/22/25
Matrix: Water

531579-006 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	0.6	1	369514	04/23/25	04/23/25	LYZ
Freon 12	ND		ug/L	5.0	0.3	1	369514	04/23/25	04/23/25	LYZ
Chloromethane	ND		ug/L	5.0	0.4	1	369514	04/23/25	04/23/25	LYZ
Vinyl Chloride	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Bromomethane	ND		ug/L	5.0	0.8	1	369514	04/23/25	04/23/25	LYZ
Chloroethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Acetone	ND		ug/L	100	17	1	369514	04/23/25	04/23/25	LYZ
Freon 113	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Methylene Chloride	ND		ug/L	5.0	3.5	1	369514	04/23/25	04/23/25	LYZ
MTBE	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,1-Dichloroethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
2-Butanone	ND		ug/L	100	2.0	1	369514	04/23/25	04/23/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Chloroform	0.5	J	ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Bromochloromethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Benzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Trichloroethene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Bromodichloromethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Dibromomethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.4	1	369514	04/23/25	04/23/25	LYZ
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Toluene	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
1,3-Dichloropropane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Tetrachloroethene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Dibromochloromethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2-Dibromoethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Chlorobenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Ethylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
m,p-Xylenes	ND		ug/L	10	0.2	1	369514	04/23/25	04/23/25	LYZ
o-Xylene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Styrene	ND		ug/L	5.0	0.08	1	369514	04/23/25	04/23/25	LYZ
Bromoform	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Isopropylbenzene	ND		ug/L	5.0	0.09	1	369514	04/23/25	04/23/25	LYZ

Analysis Results for 531579

531579-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Propylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
Bromobenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
sec-Butylbenzene	ND		ug/L	5.0	0.08	1	369514	04/23/25	04/23/25	LYZ
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
n-Butylbenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	1	369514	04/23/25	04/23/25	LYZ
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Hexachlorobutadiene	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Naphthalene	ND		ug/L	5.0	0.3	1	369514	04/23/25	04/23/25	LYZ
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.1	1	369514	04/23/25	04/23/25	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	369514	04/23/25	04/23/25	LYZ
Xylene (total)	ND		ug/L	5.0		1	369514	04/23/25	04/23/25	LYZ
Surrogates	Limits									
Dibromofluoromethane	98%		%REC	70-130		1	369514	04/23/25	04/23/25	LYZ
1,2-Dichloroethane-d4	111%		%REC	70-130		1	369514	04/23/25	04/23/25	LYZ
Toluene-d8	96%		%REC	70-130		1	369514	04/23/25	04/23/25	LYZ
Bromofluorobenzene	99%		%REC	70-130		1	369514	04/23/25	04/23/25	LYZ

J Estimated value
ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1251270	Batch: 369548
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1251270 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chloride	ND		mg/L	1.0	0.27	04/23/25 15:23	04/23/25 15:58
Bromide	ND		mg/L	0.30	0.060	04/23/25 15:23	04/23/25 15:58
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	04/23/25 15:23	04/23/25 15:58
Sulfate	ND		mg/L	1.0	0.18	04/23/25 15:23	04/23/25 15:58

Type: Lab Control Sample	Lab ID: QC1251271	Batch: 369548
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1251271 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chloride	46.60	50.00	mg/L	93%		90-110
Bromide	14.69	15.00	mg/L	98%		90-110
Nitrogen, Nitrate	4.360	4.518	mg/L	97%		90-110
Sulfate	24.39	25.00	mg/L	98%		90-110

Type: Matrix Spike	Lab ID: QC1251272	Batch: 369548
Matrix (Source ID): Water (531446-002)	Method: EPA 300.0	Prep Method: METHOD

QC1251272 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chloride	108.5	8.170	100.0	mg/L	100%		80-120	1
Bromide	14.53	ND	15.00	mg/L	97%		80-120	1
Nitrogen, Nitrate	8.672	0.1782	9.036	mg/L	94%		80-120	1
Sulfate	60.41	11.12	50.00	mg/L	99%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1251273	Batch: 369548
Matrix (Source ID): Water (531446-002)	Method: EPA 300.0	Prep Method: METHOD

QC1251273 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chloride	109.9	8.170	100.0	mg/L	102%		80-120	1	20	1
Bromide	14.73	ND	15.00	mg/L	98%		80-120	1	20	1
Nitrogen, Nitrate	9.005	0.1782	9.036	mg/L	98%		80-120	4	20	1
Sulfate	61.07	11.12	50.00	mg/L	100%		80-120	1	20	1

Type: Blank	Lab ID: QC1253266	Batch: 370129
Matrix: Drinking Water	Method: EPA 300.0	Prep Method: METHOD

QC1253266 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.034	04/30/25 14:55	04/30/25 22:19

Batch QC

Type: Lab Control Sample	Lab ID: QC1253267	Batch: 370129
Matrix: Drinking Water	Method: EPA 300.0	Prep Method: METHOD

QC1253267 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.633	10.00	mg/L	96%		90-110

Type: Matrix Spike	Lab ID: QC1253270	Batch: 370129
Matrix (Source ID): Water (531984-002)	Method: EPA 300.0	Prep Method: METHOD

QC1253270 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	20.39	0.1045	20.00	mg/L	101%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1253271	Batch: 370129
Matrix (Source ID): Water (531984-002)	Method: EPA 300.0	Prep Method: METHOD

QC1253271 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Fluoride	20.22	0.1045	20.00	mg/L	101%		80-120	1	20	1

Type: Blank	Lab ID: QC1254608	Batch: 370505
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1254608 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.034	05/05/25 18:00	05/05/25 18:21

Type: Lab Control Sample	Lab ID: QC1254609	Batch: 370505
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1254609 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.122	10.00	mg/L	91%		90-110

Type: Matrix Spike	Lab ID: QC1254632	Batch: 370505
Matrix (Source ID): Water (532353-005)	Method: EPA 300.0	Prep Method: METHOD

QC1254632 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	20.38	0.6905	20.00	mg/L	98%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1254633	Batch: 370505
Matrix (Source ID): Water (532353-005)	Method: EPA 300.0	Prep Method: METHOD

QC1254633 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Fluoride	20.33	0.6905	20.00	mg/L	98%		80-120	0	20	1

Batch QC

Type: Blank	Lab ID: QC1251587	Batch: 369651
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1251587 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	04/24/25	04/24/25

Type: Lab Control Sample	Lab ID: QC1251588	Batch: 369651
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1251588 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9818	1.000	mg/L	98%		90-110

Type: Lab Control Sample	Lab ID: QC1251589	Batch: 369651
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1251589 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9966	1.000	mg/L	100%		90-110

Type: Lab Control Sample	Lab ID: QC1251590	Batch: 369651
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1251590 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.045	1.000	mg/L	104%		90-110

Type: Matrix Spike	Lab ID: QC1251591	Batch: 369651
Matrix (Source ID): Water (531590-001)	Method: EPA 350.1	Prep Method: METHOD

QC1251591 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.049	ND	1.000	mg/L	105%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1251592	Batch: 369651
Matrix (Source ID): Water (531590-001)	Method: EPA 350.1	Prep Method: METHOD

QC1251592 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Ammonia-N	1.058	ND	1.000	mg/L	106%		90-110	1	20	1

Type: Blank	Lab ID: QC1252437	Batch: 369882
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1252437 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	04/28/25	04/28/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1252438	Batch: 369882
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1252438 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	100.0	100.0	mg/L	100%		90-110

Type: Matrix Spike	Lab ID: QC1252439	Batch: 369882
Matrix (Source ID): Water (531407-001)	Method: EPA 410.4	Prep Method: METHOD

QC1252439 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	128.0	12.00	100.0	mg/L	116%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1252440	Batch: 369882
Matrix (Source ID): Water (531407-001)	Method: EPA 410.4	Prep Method: METHOD

QC1252440 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	126.0	12.00	100.0	mg/L	114%		75-125	2	20	2

Type: Matrix Spike	Lab ID: QC1252441	Batch: 369882
Matrix (Source ID): Water (531446-002)	Method: EPA 410.4	Prep Method: METHOD

QC1252441 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	118.0	16.00	100.0	mg/L	102%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1252442	Batch: 369882
Matrix (Source ID): Water (531446-002)	Method: EPA 410.4	Prep Method: METHOD

QC1252442 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	126.0	16.00	100.0	mg/L	110%		75-125	7	20	2

Batch QC

Type: Matrix Spike	Lab ID: QC1251266	Batch: 369547
Matrix (Source ID): Water (531579-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1251266 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	1.913	1.510	0.4000	mg/L	101%		75-125	1
Calcium	25.79	5.264	20.40	mg/L	101%		75-125	1
Iron	0.4278	ND	0.4000	mg/L	107%		75-125	1
Magnesium	21.32	0.9093	20.40	mg/L	100%		75-125	1
Manganese	0.4152	0.004766	0.4000	mg/L	103%		75-125	1
Potassium	22.69	0.9016	24.00	mg/L	91%		75-125	1
Sodium	357.0	339.9	20.40	mg/L	84%	NM	75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1251267	Batch: 369547
Matrix (Source ID): Water (531579-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1251267 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	1.914	1.510	0.4000	mg/L	101%		75-125	0	20	1
Calcium	25.97	5.264	20.40	mg/L	101%		75-125	1	20	1
Iron	0.4385	ND	0.4000	mg/L	110%		75-125	2	20	1
Magnesium	21.50	0.9093	20.40	mg/L	101%		75-125	1	20	1
Manganese	0.4209	0.004766	0.4000	mg/L	104%		75-125	1	20	1
Potassium	22.87	0.9016	24.00	mg/L	92%		75-125	1	20	1
Sodium	357.7	339.9	20.40	mg/L	87%	NM	75-125	0	20	1

Type: Blank	Lab ID: QC1251268	Batch: 369547
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1251268 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	04/23/25	04/24/25
Calcium	ND		mg/L	0.57	0.57	04/23/25	04/23/25
Iron	ND		mg/L	0.046	0.046	04/23/25	04/23/25
Magnesium	ND		mg/L	0.10	0.025	04/23/25	04/23/25
Manganese	ND		mg/L	0.010	0.0029	04/23/25	04/23/25
Potassium	ND		mg/L	0.50	0.40	04/23/25	04/24/25
Sodium	ND		mg/L	0.50	0.35	04/23/25	04/24/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1251269	Batch: 369547
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1251269 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3832	0.4000	mg/L	96%		80-120
Calcium	19.71	20.40	mg/L	97%		80-120
Iron	0.3869	0.4000	mg/L	97%		80-120
Magnesium	19.64	20.40	mg/L	96%		80-120
Manganese	0.3921	0.4000	mg/L	98%		80-120
Potassium	20.64	24.00	mg/L	86%		80-120
Sodium	17.77	20.40	mg/L	87%		80-120

Type: Serial Dilution	Lab ID: QC1251313	Batch: 369547
Matrix (Source ID): Water (531579-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1251313 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	1.357	1.510	mg/L				5
Calcium	4.775	5.264	mg/L				5
Iron	ND	ND	mg/L				5
Magnesium	0.8597	0.9093	mg/L				5
Manganese	ND	0.004766	mg/L				5
Potassium	ND	0.9016	mg/L				5
Sodium	357.7	339.9	mg/L				5

Type: Lab Control Sample	Lab ID: QC1251161	Batch: 369514
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1251161 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	46.56	50.00	ug/L	93%		70-135
MTBE	48.33	50.00	ug/L	97%		70-130
Benzene	48.29	50.00	ug/L	97%		70-130
Trichloroethene	49.95	50.00	ug/L	100%		70-130
Toluene	47.46	50.00	ug/L	95%		70-130
Chlorobenzene	46.95	50.00	ug/L	94%		70-130
Surrogates						
Dibromofluoromethane	49.55	50.00	ug/L	99%		70-130
1,2-Dichloroethane-d4	51.92	50.00	ug/L	104%		70-130
Toluene-d8	49.72	50.00	ug/L	99%		70-130
Bromofluorobenzene	50.93	50.00	ug/L	102%		70-130

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1251162	Batch: 369514
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1251162 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	44.57	50.00	ug/L	89%		70-135	4	30
MTBE	46.98	50.00	ug/L	94%		70-130	3	30
Benzene	46.60	50.00	ug/L	93%		70-130	4	30
Trichloroethene	48.12	50.00	ug/L	96%		70-130	4	30
Toluene	45.05	50.00	ug/L	90%		70-130	5	30
Chlorobenzene	44.62	50.00	ug/L	89%		70-130	5	30
Surrogates								
Dibromofluoromethane	49.25	50.00	ug/L	99%		70-130		
1,2-Dichloroethane-d4	50.94	50.00	ug/L	102%		70-130		
Toluene-d8	49.83	50.00	ug/L	100%		70-130		
Bromofluorobenzene	50.89	50.00	ug/L	102%		70-130		

Batch QC

Type: Blank	Lab ID: QC1251166	Batch: 369514
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1251166 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.6	04/23/25	04/23/25
Freon 12	ND		ug/L	5.0	0.3	04/23/25	04/23/25
Chloromethane	ND		ug/L	5.0	0.4	04/23/25	04/23/25
Vinyl Chloride	ND		ug/L	5.0	0.1	04/23/25	04/23/25
Bromomethane	ND		ug/L	5.0	0.8	04/23/25	04/23/25
Chloroethane	ND		ug/L	5.0	0.2	04/23/25	04/23/25
Trichlorofluoromethane	ND		ug/L	5.0	0.1	04/23/25	04/23/25
Acetone	ND		ug/L	100	17	04/23/25	04/23/25
Freon 113	ND		ug/L	5.0	0.1	04/23/25	04/23/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	04/23/25	04/23/25
Methylene Chloride	ND		ug/L	5.0	3.5	04/23/25	04/23/25
MTBE	ND		ug/L	5.0	0.1	04/23/25	04/23/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	04/23/25	04/23/25
1,1-Dichloroethane	ND		ug/L	5.0	0.1	04/23/25	04/23/25
2-Butanone	ND		ug/L	100	2.0	04/23/25	04/23/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	04/23/25	04/23/25
2,2-Dichloropropane	ND		ug/L	5.0	0.2	04/23/25	04/23/25
Chloroform	ND		ug/L	5.0	0.1	04/23/25	04/23/25
Bromochloromethane	ND		ug/L	5.0	0.2	04/23/25	04/23/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	04/23/25	04/23/25
1,1-Dichloropropene	ND		ug/L	5.0	0.1	04/23/25	04/23/25
Carbon Tetrachloride	ND		ug/L	5.0	0.1	04/23/25	04/23/25
1,2-Dichloroethane	ND		ug/L	5.0	0.2	04/23/25	04/23/25
Benzene	ND		ug/L	5.0	0.1	04/23/25	04/23/25
Trichloroethene	ND		ug/L	5.0	0.1	04/23/25	04/23/25
1,2-Dichloropropane	ND		ug/L	5.0	0.1	04/23/25	04/23/25
Bromodichloromethane	ND		ug/L	5.0	0.1	04/23/25	04/23/25
Dibromomethane	ND		ug/L	5.0	0.2	04/23/25	04/23/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.4	04/23/25	04/23/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	04/23/25	04/23/25
Toluene	ND		ug/L	5.0	0.2	04/23/25	04/23/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	04/23/25	04/23/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	04/23/25	04/23/25
1,3-Dichloropropane	ND		ug/L	5.0	0.2	04/23/25	04/23/25
Tetrachloroethene	ND		ug/L	5.0	0.1	04/23/25	04/23/25
Dibromochloromethane	ND		ug/L	5.0	0.1	04/23/25	04/23/25
1,2-Dibromoethane	ND		ug/L	5.0	0.2	04/23/25	04/23/25
Chlorobenzene	ND		ug/L	5.0	0.1	04/23/25	04/23/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	04/23/25	04/23/25
Ethylbenzene	ND		ug/L	5.0	0.1	04/23/25	04/23/25
m,p-Xylenes	ND		ug/L	10	0.2	04/23/25	04/23/25
o-Xylene	ND		ug/L	5.0	0.1	04/23/25	04/23/25
Styrene	ND		ug/L	5.0	0.08	04/23/25	04/23/25
Bromoform	ND		ug/L	5.0	0.2	04/23/25	04/23/25
Isopropylbenzene	ND		ug/L	5.0	0.09	04/23/25	04/23/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	04/23/25	04/23/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	04/23/25	04/23/25

Batch QC

QC1251166 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.1	04/23/25	04/23/25
Bromobenzene	ND		ug/L	5.0	0.1	04/23/25	04/23/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	04/23/25	04/23/25
2-Chlorotoluene	ND		ug/L	5.0	0.1	04/23/25	04/23/25
4-Chlorotoluene	ND		ug/L	5.0	0.1	04/23/25	04/23/25
tert-Butylbenzene	ND		ug/L	5.0	0.1	04/23/25	04/23/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	04/23/25	04/23/25
sec-Butylbenzene	ND		ug/L	5.0	0.08	04/23/25	04/23/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	04/23/25	04/23/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	04/23/25	04/23/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	04/23/25	04/23/25
n-Butylbenzene	ND		ug/L	5.0	0.1	04/23/25	04/23/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	04/23/25	04/23/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	04/23/25	04/23/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	04/23/25	04/23/25
Hexachlorobutadiene	ND		ug/L	5.0	0.2	04/23/25	04/23/25
Naphthalene	ND		ug/L	5.0	0.3	04/23/25	04/23/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.1	04/23/25	04/23/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.1	04/23/25	04/23/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	04/23/25	04/23/25
Xylene (total)	ND		ug/L	5.0		04/23/25	04/23/25
Surrogates				Limits			
Dibromofluoromethane	97%		%REC	70-130		04/23/25	04/23/25
1,2-Dichloroethane-d4	105%		%REC	70-130		04/23/25	04/23/25
Toluene-d8	96%		%REC	70-130		04/23/25	04/23/25
Bromofluorobenzene	100%		%REC	70-130		04/23/25	04/23/25

Type: Matrix Spike	Lab ID: QC1251217	Batch: 369514
Matrix (Source ID): Water (531549-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1251217 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	16.86	ND	20.00	ug/L	84%		70-130	1
MTBE	17.69	ND	20.00	ug/L	88%		75-130	1
Benzene	18.90	1.061	20.00	ug/L	89%		70-130	1
Trichloroethene	18.34	ND	20.00	ug/L	92%		63-130	1
Toluene	17.50	ND	20.00	ug/L	88%		70-130	1
Chlorobenzene	18.57	1.039	20.00	ug/L	88%		70-130	1
Surrogates								
Dibromofluoromethane	48.49		50.00	ug/L	97%		70-130	1
1,2-Dichloroethane-d4	53.59		50.00	ug/L	107%		70-130	1
Toluene-d8	49.04		50.00	ug/L	98%		70-130	1
Bromofluorobenzene	50.70		50.00	ug/L	101%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1251218	Batch: 369514
Matrix (Source ID): Water (531549-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1251218 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	16.34	ND	20.00	ug/L	82%		70-130	3	30	1
MTBE	20.21	ND	20.00	ug/L	101%		75-130	13	30	1
Benzene	18.04	1.061	20.00	ug/L	85%		70-130	5	30	1
Trichloroethene	17.85	ND	20.00	ug/L	89%		63-130	3	30	1
Toluene	16.73	ND	20.00	ug/L	84%		70-130	4	30	1
Chlorobenzene	17.84	1.039	20.00	ug/L	84%		70-130	4	30	1
Surrogates										
Dibromofluoromethane	49.15		50.00	ug/L	98%		70-130			1
1,2-Dichloroethane-d4	53.07		50.00	ug/L	106%		70-130			1
Toluene-d8	49.39		50.00	ug/L	99%		70-130			1
Bromofluorobenzene	51.66		50.00	ug/L	103%		70-130			1

Type: Blank	Lab ID: QC1252036	Batch: 369774
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1252036 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.88	04/25/25	04/26/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		04/25/25	04/26/25

Type: Lab Control Sample	Lab ID: QC1252038	Batch: 369774
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1252038 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	8.756	10.00	ug/L	88%		80-120
Surrogates						
1,4-Dioxane-d8 (SUR)	9.867	10.00	ug/L	99%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1252039	Batch: 369774
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1252039 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	8.890	10.00	ug/L	89%		80-120	2	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.08	10.00	ug/L	101%		80-120		

Type: Blank	Lab ID: QC1251896	Batch: 369733
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1251896 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		04/25/25	04/25/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1251897	Batch: 369733
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1251897 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	1.100	1.000	mg/L	110%		90-110

Type: Matrix Spike	Lab ID: QC1251898	Batch: 369733
Matrix (Source ID): Water (531641-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1251898 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	1.100	ND	1.000	mg/L	110%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1251899	Batch: 369733
Matrix (Source ID): Water (531641-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1251899 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Sulfide	1.100	ND	1.000	mg/L	110%		80-120	0	20	1

Type: Blank	Lab ID: QC1251654	Batch: 369669
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1251654 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.68	04/24/25	04/24/25

Type: Lab Control Sample	Lab ID: QC1251655	Batch: 369669
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1251655 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	23.40	25.00	mg/L	94%		85-115

Type: Matrix Spike	Lab ID: QC1251656	Batch: 369669
Matrix (Source ID): Water (531225-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1251656 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	28.16	2.469	25.00	mg/L	103%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1251657	Batch: 369669
Matrix (Source ID): Water (531225-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1251657 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Total Organic Carbon	28.49	2.469	25.00	mg/L	104%		75-125	1	25	1

Batch QC

Type: Blank	Lab ID: QC1252245	Batch: 369830
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1252245 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		04/26/25	04/26/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		04/26/25	04/26/25

Type: Lab Control Sample	Lab ID: QC1252246	Batch: 369830
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1252246 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	984.0	1000	mg/L	98%		90-110

Type: Sample Duplicate	Lab ID: QC1252499	Batch: 369830
Matrix (Source ID): Drinking Water (531630-001)	Method: SM2320B	Prep Method: METHOD

QC1252499 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	71.14	72.49	mg/L		2	20	1
Alkalinity, Total as CaCO ₃	80.81	82.16	mg/L		2	20	1

Type: Blank	Lab ID: QC1251332	Batch: 369571
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1251332 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	5.0		04/23/25	04/24/25

Type: Lab Control Sample	Lab ID: QC1251333	Batch: 369571
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1251333 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,001	1000	mg/L	100%		90-110

Type: Sample Duplicate	Lab ID: QC1251334	Batch: 369571
Matrix (Source ID): Water (531581-001)	Method: SM2540C	Prep Method: METHOD

QC1251334 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	1,944	1904	mg/L		2	5	2

Type: Sample Duplicate	Lab ID: QC1251335	Batch: 369571
Matrix (Source ID): Water (531581-011)	Method: SM2540C	Prep Method: METHOD

QC1251335 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	6,116	5836	mg/L		5	5	4

Batch QC

ND Not Detected
NM Not Meaningful

Laboratory Job Number 531579

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2504K65

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-531579

Project Location:

Project Received: 04/25/2025

Analytical Report reviewed & approved for release on 04/29/2025 by:

Jennifer Lagerbom
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: 2504K65

Project: EO-531579

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: 2504K65

Project: EO-531579

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: 04/25/2025 9:51
Date Prepared: 04/28/2025
Project: EO-531579

WorkOrder: 2504K65
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	2504K65-001A	Water	04/22/2025 08:37	GC26 0428250905.D	316352

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	1100	50	50	1	04/28/2025 11:00

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-8	2504K65-002A	Water	04/22/2025 10:10	GC26 0428250908.D	316352

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	31,000	2000	2000	40	04/28/2025 11:58

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-9	2504K65-003A	Water	04/22/2025 11:32	GC26 0428250910.D	316352

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	1100	50	50	1	04/28/2025 13:27

Analyst(s): CLO

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 04/25/2025 9:51
Date Prepared: 04/28/2025
Project: EO-531579

WorkOrder: 2504K65
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	2504K65-004A	Water	04/22/2025 12:38	GC26 0428250913.D	316352

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	9800	500	500	10	04/28/2025 14:07

Analyst(s): CLO



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 04/28/2025
Date Analyzed: 04/28/2025
Instrument: GC26
Matrix: Water
Project: EO-531579

WorkOrder: 2504K65
BatchID: 316352
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-316352

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	75	78	70-130	5.00	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: 2504K65

ClientCode: ENO

QuoteID: 243367

☐ 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-531579

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: 04/25/2025

Date Logged: 04/25/2025

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2504K65-001	DW-28	Water	4/22/2025 08:37	☐	A	A										
2504K65-002	DW-8	Water	4/22/2025 10:10	☐	A	A										
2504K65-003	DW-9	Water	4/22/2025 11:32	☐	A	A										
2504K65-004	DW-29	Water	4/22/2025 12:38	☐	A	A										

Test Legend:

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

Project Manager: Yen Cao

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-531579

Work Order: 2504K65

Client Contact: Zach Barker

QC Level: LEVEL 2

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

Comments:

Date Logged: 4/25/2025

☐ 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	DW-28	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	4/22/2025 8:37	2 days	4/29/2025	Present	☐	☐
002A	DW-8	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	4/22/2025 10:10	2 days	4/29/2025	Present	☐	☐
003A	DW-9	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	4/22/2025 11:32	2 days	4/29/2025	Present	☐	☐
004A	DW-29	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	4/22/2025 12:38	2 days	4/29/2025	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.



2504K65

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-531579

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	22-APR-2025 08:37	531579-001	2	Water	RSK-175 CO2	
+ DW-8	22-APR-2025 10:10	531579-002	2	Water	RSK-175 CO2	
+ DW-9	22-APR-2025 11:32	531579-003	2	Water	RSK-175 CO2	
+ DW-29	22-APR-2025 12:38	531579-004	2	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	<i>J. Quintana EA-ORA</i>	<i>adrian</i>
	Date: <i>4/24/25 1610</i>	Date: <i>4/25/25 0951</i>
	Date:	Date:
	Date:	Date:

1 of 1
650: 562932044

*D. Sciret
1833*



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-531579

Date and Time Received: 4/25/2025 09:51
Date Logged: 4/25/2025
Received by: Agustina Venegas
Logged by: Agustina Venegas

WorkOrder No: 2504K65 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 ☐

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: 0.8°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 : 531645
Report Level : II
Report Date : 05/08/2025

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, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

Sample Summary

Steve Cassulo	Lab Job #:	531645
Waste Connections	Project No:	GW MONITORING
Chiquita Canyon Landfill	Location:	Chiquita Canyon Landfill / Quarterly MPars
29201 Henry Mayo	Date Received:	04/23/25
Drive		
Castaic, CA 91384		

Sample ID	Lab ID	Collected	Matrix
DW-12	531645-001	04/23/25 08:47	Water
DW-7	531645-002	04/23/25 09:44	Water
DW-18	531645-003	04/23/25 10:43	Water
DW-21	531645-004	04/23/25 11:27	Water
PZ-4	531645-005	04/23/25 12:50	Water
QCFB	531645-006	04/23/25 12:53	Water
QCTB	531645-007	04/23/25 00:00	Water

Case Narrative

Waste Connections	Lab Job Number: 531645
Chiquita Canyon Landfill	Project No: GW MONITORING
29201 Henry Mayo Drive	Location: Chiquita Canyon Landfill / Quarterly
Castaic, CA 91384	MPars
Steve Cassulo	Date Received: 04/23/25

This data package contains sample and QC results for seven water samples, requested for the above referenced project on 04/24/25. The samples were received cold and intact.

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

- Low recoveries were observed for a number of analytes in the MS/MSD for batch 369946; the parent sample was not a project sample, the BS/BSD were within limits, and the associated RPDs were within limits.
- 1,2,4-trimethylbenzene was detected between the MDL and the RL in the method blank for batch 369946; this analyte was not detected in samples at or above the RL.
- DW-12 (lab # 531645-001) 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):

- Responses exceeding the instrument's linear range were observed for sulfate in the MS/MSD for batch 369667 and the MS/MSD of PZ-4 (lab # 531645-005); 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):

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: 531645

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:

2 Day: Custom TAT:

Sample Receipt Temp:

5.113.1 12.13

10.0

(lab use only)

Preservatives:

1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

Company: Chiquita Canyon Landfill

Report To: Steve Cassulo

Email: Steven.Cassulo@wasteconnections.com

Address: 29201 Henry Mayo Drive

City: Castaic, CA, 91384

Phone: 661-257-3655

Fax: Global ID: L10003464243

Sampled By: Paul Chang

PROJECT INFORMATION

Name: Steve Cassulo

Number: 661-257-3655

P.O. #:

Address:

Global ID: L10003464243

Sampled By: Paul Chang

Analysis Request

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

Test Instructions / Comments

Quarterly MPars

cc report to:

pchang@changenvironmental.com Basic

EDD & GeoTracker EDF

1

DW-12

4/23/25

847

W

13

Pres.

var.

2

DW-7

4/23/25

944

W

13

Pres.

var.

3

DW-18

4/23/25

1043

W

13

Pres.

var.

4

DW-21

4/23/25

1127

W

13

Pres.

var.

5

P2-4

4/23/25

1250

W

13

Pres.

var.

6

QCFB

4/23/25

1253

W

13

Pres.

var.

7

QCDB

4/23/25

1253

W

13

Pres.

var.

8

QCDB

4/23/25

1253

W

13

Pres.

var.

9

QCDB

4/23/25

1253

W

13

Pres.

var.

10

QCDB

4/23/25

1253

W

13

Pres.

var.

11

QCDB

4/23/25

1253

W

13

Pres.

var.

12

QCDB

4/23/25

1253

W

13

Pres.

var.

13

QCDB

4/23/25

1253

W

13

Pres.

var.

14

QCDB

4/23/25

1253

W

13

Pres.

var.

15

QCDB

4/23/25

1253

W

13

Pres.

var.

16

QCDB

4/23/25

1253

W

13

Pres.

var.

17

QCDB

4/23/25

1253

W

13

Pres.

var.

RECEIVED BY: Paul Chang DATE: 4/23/25 TIME: 1:59

RECEIVED BY: Alice Tabmasien DATE: 4/23/25 TIME: 1:59

RECEIVED BY: Alice Tabmasien DATE: 4/24/25 TIME: 8:40

RECEIVED BY: GEMA O. DATE: 4/24/25 TIME: 8:40

RECEIVED BY: GEMA O. DATE: 4/24/25 TIME: 11:17

RECEIVED BY: Dave Padilla DATE: 4-24-25 TIME: 11:43

RECEIVED BY: NCM EA DATE: 4/24/25 TIME: 12:15

ca
FENTHALP

Date Received: 4/23/25 WO# _____ Client: Chiquita Canyon Landfill

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: 1R03 CF: 0.7 °C

Cooler Temp (°C) #1: 63/5.6 #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

X		

X		

X		

X	

X		

X	

X	

X		

X		

X		

X		

		X

		X

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

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

☐ No additional discrepancies

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

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

ENTHALPY

Date Received: 4/24/25 WO# 531645 Client: Waste Management

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 4/23/25 By (initials) DFP 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 / #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?

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?

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

[illegible]☐ No additional discrepancies

Date Logged 4/23/25 By (print) ABD (sign) ABD

Date Labeled 4/24/25 By (print) onanae EA (sign) _____

Analysis Results for 531645

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

Lab Job #: 531645
Project No: GW MONITORING
Location: Chiquita Canyon Landfill / Quarterly MPars
Date Received: 04/23/25

Sample ID: DW-12

Lab ID: 531645-001

Collected: 04/23/25 08:47

Matrix: Water

531645-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.52		mg/L	0.20	0.073	1	369667	04/24/25 16:00	04/24/25 20:25	AJL
Chloride	190		mg/L	1.0	0.27	1	369667	04/24/25 16:00	04/24/25 20:25	AJL
Bromide	0.70		mg/L	0.30	0.060	1	369667	04/24/25 16:00	04/24/25 20:25	AJL
Nitrogen, Nitrate	3.5		mg/L	0.10	0.05	1	369667	04/24/25 16:00	04/24/25 20:25	AJL
Sulfate	300		mg/L	10	1.8	10	369667	04/24/25 16:00	04/24/25 20:41	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	369796	04/26/25	04/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	369882	04/28/25	04/28/25	DXA
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.20		mg/L	0.050	0.0062	1	369811	04/26/25	04/29/25	KCD
Calcium	23		mg/L	0.57	0.57	1	369811	04/26/25	04/27/25	KCD
Iron	ND		mg/L	0.046	0.046	1	369811	04/26/25	04/27/25	KCD
Magnesium	2.8		mg/L	0.10	0.025	1	369811	04/26/25	04/27/25	KCD
Manganese	ND		mg/L	0.010	0.0029	1	369811	04/26/25	04/27/25	KCD
Potassium	1.6		mg/L	0.50	0.40	1	369811	04/26/25	04/27/25	KCD
Sodium	280		mg/L	0.50	0.34	1	369811	04/26/25	04/27/25	KCD
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.6	1	369868	04/28/25	04/28/25	TCN
Freon 12	ND		ug/L	5.0	0.3	1	369868	04/28/25	04/28/25	TCN
Chloromethane	ND		ug/L	5.0	0.4	1	369868	04/28/25	04/28/25	TCN
Vinyl Chloride	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Bromomethane	ND		ug/L	5.0	0.8	1	369868	04/28/25	04/28/25	TCN
Chloroethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Acetone	ND		ug/L	100	17	1	369868	04/28/25	04/28/25	TCN
Freon 113	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Methylene Chloride	ND		ug/L	5.0	3.5	1	369868	04/28/25	04/28/25	TCN
MTBE	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,1-Dichloroethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
2-Butanone	ND		ug/L	100	2.0	1	369868	04/28/25	04/28/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Chloroform	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN

Analysis Results for 531645

531645-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Benzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Trichloroethene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Bromodichloromethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Dibromomethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.4	1	369868	04/28/25	04/28/25	TCN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Toluene	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
1,3-Dichloropropane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Tetrachloroethene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Dibromochloromethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,2-Dibromoethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Chlorobenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Ethylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
m,p-Xylenes	ND		ug/L	10	0.2	1	369868	04/28/25	04/28/25	TCN
o-Xylene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Styrene	ND		ug/L	5.0	0.08	1	369868	04/28/25	04/28/25	TCN
Bromoform	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Isopropylbenzene	ND		ug/L	5.0	0.09	1	369868	04/28/25	04/28/25	TCN
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Propylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Bromobenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
sec-Butylbenzene	ND		ug/L	5.0	0.08	1	369868	04/28/25	04/28/25	TCN
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
n-Butylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	1	369868	04/28/25	04/28/25	TCN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Hexachlorobutadiene	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Naphthalene	ND		ug/L	5.0	0.3	1	369868	04/28/25	04/28/25	TCN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Xylene (total)	ND		ug/L	5.0		1	369868	04/28/25	04/28/25	TCN
Surrogates			Limits							
Dibromofluoromethane	101%		%REC	70-130		1	369868	04/28/25	04/28/25	TCN

Results for any subcontracted analyses are not included in this section.

Analysis Results for 531645

531645-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	110%		%REC	70-130		1	369868	04/28/25	04/28/25	TCN
Toluene-d8	97%		%REC	70-130		1	369868	04/28/25	04/28/25	TCN
Bromofluorobenzene	100%		%REC	70-130		1	369868	04/28/25	04/28/25	TCN

Method: EPA 8270C-SIM

Prep Method: EPA 3535

1,4-Dioxane	ND		ug/L	1.0	0.88	1	369774	04/25/25	04/26/25	HQN

Surrogates

Limits

1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	369774	04/25/25	04/26/25	HQN

Method: SM 4500-S2-D

Prep Method: METHOD

Sulfide	ND		mg/L	0.10		1	369874	04/28/25	04/28/25	DXA

Method: SM 5310B

Prep Method: SM 5310B

Total Organic Carbon	1.2		mg/L	1.0	0.68	1	369964	04/29/25	04/30/25	CKN

Method: SM2320B

Prep Method: METHOD

Alkalinity, Bicarbonate, as CaCO3	160		mg/L	5.0		2.5	369830	04/26/25	04/26/25	WWC
Alkalinity, Total as CaCO3	160		mg/L	5.0		2.5	369830	04/26/25	04/26/25	WWC

Method: SM2540C

Prep Method: METHOD

Total Dissolved Solids	960		mg/L	20		2	369680	04/24/25	04/27/25	RDL

Analysis Results for 531645

Sample ID: DW-7
Lab ID: 531645-002
Collected: 04/23/25 09:44
Matrix: Water

531645-002 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	369667	04/24/25 16:00	04/24/25 20:58	AJL
Chloride	81		mg/L	1.0	0.27	1	369667	04/24/25 16:00	04/24/25 20:58	AJL
Bromide	0.17	J	mg/L	0.30	0.060	1	369667	04/24/25 16:00	04/24/25 20:58	AJL
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	369667	04/24/25 16:00	04/24/25 20:58	AJL
Sulfate	630		mg/L	10	1.8	10	369667	04/24/25 16:00	04/24/25 21:15	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	369796	04/26/25	04/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	369882	04/28/25	04/28/25	DXA
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.17		mg/L	0.050	0.0055	1	369811	04/26/25	04/29/25	KCD
Calcium	32		mg/L	0.57	0.57	1	369811	04/26/25	04/27/25	KCD
Iron	ND		mg/L	0.046	0.046	1	369811	04/26/25	04/27/25	KCD
Magnesium	1.6		mg/L	0.10	0.025	1	369811	04/26/25	04/27/25	KCD
Manganese	ND		mg/L	0.010	0.0029	1	369811	04/26/25	04/27/25	KCD
Potassium	1.1		mg/L	0.50	0.40	1	369811	04/26/25	04/27/25	KCD
Sodium	320		mg/L	0.50	0.35	1	369811	04/26/25	04/29/25	KCD
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.6	1	369868	04/28/25	04/28/25	TCN
Freon 12	ND		ug/L	5.0	0.3	1	369868	04/28/25	04/28/25	TCN
Chloromethane	ND		ug/L	5.0	0.4	1	369868	04/28/25	04/28/25	TCN
Vinyl Chloride	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Bromomethane	ND		ug/L	5.0	0.8	1	369868	04/28/25	04/28/25	TCN
Chloroethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Acetone	ND		ug/L	100	17	1	369868	04/28/25	04/28/25	TCN
Freon 113	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Methylene Chloride	ND		ug/L	5.0	3.5	1	369868	04/28/25	04/28/25	TCN
MTBE	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,1-Dichloroethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
2-Butanone	ND		ug/L	100	2.0	1	369868	04/28/25	04/28/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Chloroform	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Bromochloromethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN

Analysis Results for 531645

531645-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Trichloroethene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Bromodichloromethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Dibromomethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.4	1	369868	04/28/25	04/28/25	TCN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Toluene	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
1,3-Dichloropropane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Tetrachloroethene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Dibromochloromethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,2-Dibromoethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Chlorobenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Ethylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
m,p-Xylenes	ND		ug/L	10	0.2	1	369868	04/28/25	04/28/25	TCN
o-Xylene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Styrene	ND		ug/L	5.0	0.08	1	369868	04/28/25	04/28/25	TCN
Bromoform	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Isopropylbenzene	ND		ug/L	5.0	0.09	1	369868	04/28/25	04/28/25	TCN
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Propylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Bromobenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
sec-Butylbenzene	ND		ug/L	5.0	0.08	1	369868	04/28/25	04/28/25	TCN
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
n-Butylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	1	369868	04/28/25	04/28/25	TCN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Hexachlorobutadiene	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Naphthalene	ND		ug/L	5.0	0.3	1	369868	04/28/25	04/28/25	TCN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Xylene (total)	ND		ug/L	5.0		1	369868	04/28/25	04/28/25	TCN
Surrogates			Limits							
Dibromofluoromethane	101%		%REC	70-130		1	369868	04/28/25	04/28/25	TCN
1,2-Dichloroethane-d4	111%		%REC	70-130		1	369868	04/28/25	04/28/25	TCN
Toluene-d8	96%		%REC	70-130		1	369868	04/28/25	04/28/25	TCN
Bromofluorobenzene	98%		%REC	70-130		1	369868	04/28/25	04/28/25	TCN

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 531645

531645-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.88	1	369774	04/25/25	04/26/25	HQN
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	369774	04/25/25	04/26/25	HQN
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	369874	04/28/25	04/28/25	DXA
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	369964	04/29/25	04/29/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	110		mg/L	5.0		2.5	369830	04/26/25	04/26/25	WWC
Alkalinity, Total as CaCO3	110		mg/L	5.0		2.5	369830	04/26/25	04/26/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,200		mg/L	20		2	369680	04/24/25	04/27/25	RDL

Analysis Results for 531645

Sample ID: DW-18
Lab ID: 531645-003
Collected: 04/23/25 10:43
Matrix: Water

531645-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.22		mg/L	0.20	0.073	1	369667	04/24/25 16:00	04/24/25 21:32	AJL
Chloride	110		mg/L	1.0	0.27	1	369667	04/24/25 16:00	04/24/25 21:32	AJL
Bromide	0.30		mg/L	0.30	0.060	1	369667	04/24/25 16:00	04/24/25 21:32	AJL
Nitrogen, Nitrate	2.5		mg/L	0.10	0.05	1	369667	04/24/25 16:00	04/24/25 21:32	AJL
Sulfate	330		mg/L	10	1.8	10	369667	04/24/25 16:00	04/24/25 21:49	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	369796	04/26/25	04/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	369882	04/28/25	04/28/25	DXA
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.32		mg/L	0.050	0.0055	1	369811	04/26/25	04/29/25	KCD
Calcium	23		mg/L	0.57	0.57	1	369811	04/26/25	04/27/25	KCD
Iron	ND		mg/L	0.046	0.046	1	369811	04/26/25	04/27/25	KCD
Magnesium	1.9		mg/L	0.10	0.025	1	369811	04/26/25	04/27/25	KCD
Manganese	ND		mg/L	0.010	0.0029	1	369811	04/26/25	04/27/25	KCD
Potassium	1.4		mg/L	0.50	0.40	1	369811	04/26/25	04/27/25	KCD
Sodium	270		mg/L	0.50	0.35	1	369811	04/26/25	04/29/25	KCD
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	369946	04/29/25	04/29/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	369946	04/29/25	04/29/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	369946	04/29/25	04/29/25	ZST
Acetone	ND		ug/L	100	21	1	369946	04/29/25	04/29/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	369946	04/29/25	04/29/25	ZST
Methylene Chloride	ND		ug/L	5.0	2.4	1	369946	04/29/25	04/29/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	369946	04/29/25	04/29/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	369946	04/29/25	04/29/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	369946	04/29/25	04/29/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	369946	04/29/25	04/29/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST

Analysis Results for 531645

531645-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	369946	04/29/25	04/29/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	369946	04/29/25	04/29/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	369946	04/29/25	04/29/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	369946	04/29/25	04/29/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	369946	04/29/25	04/29/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	369946	04/29/25	04/29/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	369946	04/29/25	04/29/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	369946	04/29/25	04/29/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	369946	04/29/25	04/29/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	369946	04/29/25	04/29/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
Xylene (total)	ND		ug/L	5.0		1	369946	04/29/25	04/29/25	ZST
Surrogates				Limits						
Dibromofluoromethane	109%	%REC	70-130		1	369946	04/29/25	04/29/25		ZST
1,2-Dichloroethane-d4	85%	%REC	70-130		1	369946	04/29/25	04/29/25		ZST
Toluene-d8	108%	%REC	70-130		1	369946	04/29/25	04/29/25		ZST
Bromofluorobenzene	100%	%REC	70-130		1	369946	04/29/25	04/29/25		ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 531645

531645-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.88	1	369774	04/25/25	04/26/25	HQN
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	369774	04/25/25	04/26/25	HQN
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	369874	04/28/25	04/28/25	DXA
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	3.5		mg/L	1.0	0.68	1	369964	04/29/25	04/29/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	230		mg/L	5.0	2.5	369830	04/26/25	04/26/25	04/26/25	WWC
Alkalinity, Total as CaCO3	230		mg/L	5.0	2.5	369830	04/26/25	04/26/25	04/26/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	970		mg/L	20		2	369680	04/24/25	04/27/25	RDL

Analysis Results for 531645

Sample ID: DW-21
Lab ID: 531645-004
Collected: 04/23/25 11:27
Matrix: Water

531645-004 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	369667	04/24/25 16:00	04/24/25 22:06	AJL
Chloride	53		mg/L	1.0	0.27	1	369667	04/24/25 16:00	04/24/25 22:06	AJL
Bromide	0.15	J	mg/L	0.30	0.060	1	369667	04/24/25 16:00	04/24/25 22:06	AJL
Nitrogen, Nitrate	0.10		mg/L	0.10	0.05	1	369667	04/24/25 16:00	04/24/25 22:06	AJL
Sulfate	110		mg/L	10	1.8	10	369667	04/24/25 16:00	04/24/25 22:23	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	369796	04/26/25	04/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	369882	04/28/25	04/28/25	DXA
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.27		mg/L	0.050	0.0055	1	369811	04/26/25	04/29/25	KCD
Calcium	3.5		mg/L	0.57	0.57	1	369811	04/26/25	04/27/25	KCD
Iron	0.098		mg/L	0.046	0.046	1	369811	04/26/25	04/27/25	KCD
Magnesium	0.17		mg/L	0.10	0.025	1	369811	04/26/25	04/27/25	KCD
Manganese	ND		mg/L	0.010	0.0029	1	369811	04/26/25	04/27/25	KCD
Potassium	0.45	J	mg/L	0.50	0.40	1	369811	04/26/25	04/27/25	KCD
Sodium	140		mg/L	0.50	0.35	1	369811	04/26/25	04/29/25	KCD
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	369946	04/29/25	04/29/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	369946	04/29/25	04/29/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	369946	04/29/25	04/29/25	ZST
Acetone	ND		ug/L	100	21	1	369946	04/29/25	04/29/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	369946	04/29/25	04/29/25	ZST
Methylene Chloride	ND		ug/L	5.0	2.4	1	369946	04/29/25	04/29/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	369946	04/29/25	04/29/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	369946	04/29/25	04/29/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	369946	04/29/25	04/29/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	369946	04/29/25	04/29/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST

Analysis Results for 531645

531645-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	369946	04/29/25	04/29/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	369946	04/29/25	04/29/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	369946	04/29/25	04/29/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	369946	04/29/25	04/29/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	369946	04/29/25	04/29/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	369946	04/29/25	04/29/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	369946	04/29/25	04/29/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	369946	04/29/25	04/29/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	369946	04/29/25	04/29/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	369946	04/29/25	04/29/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
Xylene (total)	ND		ug/L	5.0		1	369946	04/29/25	04/29/25	ZST
Surrogates				Limits						
Dibromofluoromethane	111%	%REC	70-130			1	369946	04/29/25	04/29/25	ZST
1,2-Dichloroethane-d4	87%	%REC	70-130			1	369946	04/29/25	04/29/25	ZST
Toluene-d8	107%	%REC	70-130			1	369946	04/29/25	04/29/25	ZST
Bromofluorobenzene	99%	%REC	70-130			1	369946	04/29/25	04/29/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 531645

531645-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.88	1	369774	04/25/25	04/26/25	HQN
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	369774	04/25/25	04/26/25	HQN
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	369874	04/28/25	04/28/25	DXA
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	369964	04/29/25	04/29/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	97		mg/L	5.0		2.5	369830	04/26/25	04/26/25	WWC
Alkalinity, Total as CaCO3	140		mg/L	5.0		2.5	369830	04/26/25	04/26/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	470		mg/L	20		2	369680	04/24/25	04/27/25	RDL

Analysis Results for 531645

Sample ID: PZ-4
Lab ID: 531645-005
Collected: 04/23/25 12:50
Matrix: Water

531645-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.51		mg/L	0.20	0.073	1	369667	04/24/25 16:00	04/24/25 22:39	AJL
Chloride	57		mg/L	1.0	0.27	1	369667	04/24/25 16:00	04/24/25 22:39	AJL
Bromide	0.14	J	mg/L	0.30	0.060	1	369667	04/24/25 16:00	04/24/25 22:39	AJL
Nitrogen, Nitrate	1.1		mg/L	0.10	0.05	1	369667	04/24/25 16:00	04/24/25 22:39	AJL
Sulfate	130		mg/L	10	1.8	10	369667	04/24/25 16:00	04/24/25 22:56	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	369796	04/26/25	04/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	11		mg/L	4.0	2.0	1	369882	04/28/25	04/28/25	DXA
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.32		mg/L	0.050	0.0055	1	369811	04/26/25	04/29/25	KCD
Calcium	50		mg/L	0.57	0.57	1	369811	04/26/25	04/27/25	KCD
Iron	ND		mg/L	0.046	0.046	1	369811	04/26/25	04/27/25	KCD
Magnesium	9.7		mg/L	0.10	0.025	1	369811	04/26/25	04/27/25	KCD
Manganese	ND		mg/L	0.010	0.0029	1	369811	04/26/25	04/27/25	KCD
Potassium	2.1		mg/L	0.50	0.40	1	369811	04/26/25	04/27/25	KCD
Sodium	180		mg/L	0.50	0.35	1	369811	04/26/25	04/29/25	KCD
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	369946	04/29/25	04/29/25	ZST
Freon 12	0.4	J	ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	369946	04/29/25	04/29/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	369946	04/29/25	04/29/25	ZST
Acetone	ND		ug/L	100	21	1	369946	04/29/25	04/29/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	369946	04/29/25	04/29/25	ZST
Methylene Chloride	ND		ug/L	5.0	2.4	1	369946	04/29/25	04/29/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	369946	04/29/25	04/29/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	369946	04/29/25	04/29/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	369946	04/29/25	04/29/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	369946	04/29/25	04/29/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST

Analysis Results for 531645

531645-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	369946	04/29/25	04/29/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	369946	04/29/25	04/29/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	369946	04/29/25	04/29/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	369946	04/29/25	04/29/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	369946	04/29/25	04/29/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	369946	04/29/25	04/29/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	369946	04/29/25	04/29/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	369946	04/29/25	04/29/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	369946	04/29/25	04/29/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	369946	04/29/25	04/29/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
Xylene (total)	ND		ug/L	5.0		1	369946	04/29/25	04/29/25	ZST
Surrogates				Limits						
Dibromofluoromethane	110%	%REC	70-130		1	369946	04/29/25	04/29/25		ZST
1,2-Dichloroethane-d4	88%	%REC	70-130		1	369946	04/29/25	04/29/25		ZST
Toluene-d8	107%	%REC	70-130		1	369946	04/29/25	04/29/25		ZST
Bromofluorobenzene	99%	%REC	70-130		1	369946	04/29/25	04/29/25		ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 531645

531645-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.88	1	369774	04/25/25	04/26/25	HQN
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	369774	04/25/25	04/26/25	HQN
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	369874	04/28/25	04/28/25	DXA
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	4.9		mg/L	1.0	0.68	1	369964	04/29/25	04/29/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	380		mg/L	5.0		2.5	369830	04/26/25	04/26/25	WWC
Alkalinity, Total as CaCO3	380		mg/L	5.0		2.5	369830	04/26/25	04/26/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	730		mg/L	20		2	369680	04/24/25	04/27/25	RDL

Analysis Results for 531645

Sample ID: QCFB
Lab ID: 531645-006
Collected: 04/23/25 12:53
Matrix: Water

531645-006 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	0.6	1	369868	04/28/25	04/28/25	TCN
Freon 12	ND		ug/L	5.0	0.3	1	369868	04/28/25	04/28/25	TCN
Chloromethane	ND		ug/L	5.0	0.4	1	369868	04/28/25	04/28/25	TCN
Vinyl Chloride	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Bromomethane	ND		ug/L	5.0	0.8	1	369868	04/28/25	04/28/25	TCN
Chloroethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Acetone	ND		ug/L	100	17	1	369868	04/28/25	04/28/25	TCN
Freon 113	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Methylene Chloride	7.1		ug/L	5.0	3.5	1	369868	04/28/25	04/28/25	TCN
MTBE	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,1-Dichloroethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
2-Butanone	ND		ug/L	100	2.0	1	369868	04/28/25	04/28/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Chloroform	0.8	J	ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Bromochloromethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Benzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Trichloroethene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Bromodichloromethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Dibromomethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.4	1	369868	04/28/25	04/28/25	TCN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Toluene	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
1,3-Dichloropropane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Tetrachloroethene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Dibromochloromethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,2-Dibromoethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Chlorobenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Ethylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
m,p-Xylenes	ND		ug/L	10	0.2	1	369868	04/28/25	04/28/25	TCN
o-Xylene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Styrene	ND		ug/L	5.0	0.08	1	369868	04/28/25	04/28/25	TCN
Bromoform	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Isopropylbenzene	ND		ug/L	5.0	0.09	1	369868	04/28/25	04/28/25	TCN

Analysis Results for 531645

531645-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Propylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Bromobenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
sec-Butylbenzene	ND		ug/L	5.0	0.08	1	369868	04/28/25	04/28/25	TCN
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
n-Butylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	1	369868	04/28/25	04/28/25	TCN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Hexachlorobutadiene	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Naphthalene	ND		ug/L	5.0	0.3	1	369868	04/28/25	04/28/25	TCN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Xylene (total)	ND		ug/L	5.0		1	369868	04/28/25	04/28/25	TCN
Surrogates	Limits									
Dibromofluoromethane	100%		%REC	70-130		1	369868	04/28/25	04/28/25	TCN
1,2-Dichloroethane-d4	110%		%REC	70-130		1	369868	04/28/25	04/28/25	TCN
Toluene-d8	98%		%REC	70-130		1	369868	04/28/25	04/28/25	TCN
Bromofluorobenzene	100%		%REC	70-130		1	369868	04/28/25	04/28/25	TCN

Analysis Results for 531645

Sample ID: QCTB
Lab ID: 531645-007
Collected: 04/23/25
Matrix: Water

531645-007 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	0.6	1	369868	04/28/25	04/28/25	TCN
Freon 12	ND		ug/L	5.0	0.3	1	369868	04/28/25	04/28/25	TCN
Chloromethane	ND		ug/L	5.0	0.4	1	369868	04/28/25	04/28/25	TCN
Vinyl Chloride	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Bromomethane	ND		ug/L	5.0	0.8	1	369868	04/28/25	04/28/25	TCN
Chloroethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Acetone	ND		ug/L	100	17	1	369868	04/28/25	04/28/25	TCN
Freon 113	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Methylene Chloride	ND		ug/L	5.0	3.5	1	369868	04/28/25	04/28/25	TCN
MTBE	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,1-Dichloroethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
2-Butanone	ND		ug/L	100	2.0	1	369868	04/28/25	04/28/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Chloroform	0.5	J	ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Bromochloromethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Benzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Trichloroethene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Bromodichloromethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Dibromomethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.4	1	369868	04/28/25	04/28/25	TCN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Toluene	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
1,3-Dichloropropane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Tetrachloroethene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Dibromochloromethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,2-Dibromoethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Chlorobenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Ethylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
m,p-Xylenes	ND		ug/L	10	0.2	1	369868	04/28/25	04/28/25	TCN
o-Xylene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Styrene	ND		ug/L	5.0	0.08	1	369868	04/28/25	04/28/25	TCN
Bromoform	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Isopropylbenzene	ND		ug/L	5.0	0.09	1	369868	04/28/25	04/28/25	TCN

Analysis Results for 531645

531645-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Propylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
Bromobenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
sec-Butylbenzene	ND		ug/L	5.0	0.08	1	369868	04/28/25	04/28/25	TCN
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
n-Butylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	1	369868	04/28/25	04/28/25	TCN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Hexachlorobutadiene	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Naphthalene	ND		ug/L	5.0	0.3	1	369868	04/28/25	04/28/25	TCN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	TCN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	TCN
Xylene (total)	ND		ug/L	5.0		1	369868	04/28/25	04/28/25	TCN
Surrogates	Limits									
Dibromofluoromethane	98%		%REC	70-130		1	369868	04/28/25	04/28/25	TCN
1,2-Dichloroethane-d4	109%		%REC	70-130		1	369868	04/28/25	04/28/25	TCN
Toluene-d8	98%		%REC	70-130		1	369868	04/28/25	04/28/25	TCN
Bromofluorobenzene	97%		%REC	70-130		1	369868	04/28/25	04/28/25	TCN

J Estimated value
ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1251661	Batch: 369667
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1251661 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	04/24/25 16:00	04/24/25 17:03
Chloride	ND		mg/L	1.0	0.27	04/24/25 16:00	04/24/25 17:03
Bromide	ND		mg/L	0.30	0.060	04/24/25 16:00	04/24/25 17:03
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	04/24/25 16:00	04/24/25 17:03
Sulfate	ND		mg/L	1.0	0.18	04/24/25 16:00	04/24/25 17:03

Type: Lab Control Sample	Lab ID: QC1251662	Batch: 369667
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1251662 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.010	10.00	mg/L	90%		90-110
Chloride	46.71	50.00	mg/L	93%		90-110
Bromide	14.70	15.00	mg/L	98%		90-110
Nitrogen, Nitrate	4.370	4.518	mg/L	97%		90-110
Sulfate	24.41	25.00	mg/L	98%		90-110

Type: Matrix Spike	Lab ID: QC1251663	Batch: 369667
Matrix (Source ID): Water (531663-001)	Method: EPA 300.0	Prep Method: METHOD

QC1251663 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	19.65	0.2736	20.00	mg/L	97%		80-120	1
Chloride	136.8	32.22	100.0	mg/L	105%		80-120	1
Bromide	15.20	0.1924	15.00	mg/L	100%		80-120	1
Nitrogen, Nitrate	10.07	0.8619	9.036	mg/L	102%		80-120	1
Sulfate	101.7	53.39	50.00	mg/L	97%	E	80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1251664	Batch: 369667
Matrix (Source ID): Water (531663-001)	Method: EPA 300.0	Prep Method: METHOD

QC1251664 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	19.57	0.2736	20.00	mg/L	96%		80-120	0	20	1
Chloride	136.2	32.22	100.0	mg/L	104%		80-120	0	20	1
Bromide	15.12	0.1924	15.00	mg/L	100%		80-120	1	20	1
Nitrogen, Nitrate	10.02	0.8619	9.036	mg/L	101%		80-120	0	20	1
Sulfate	101.6	53.39	50.00	mg/L	96%	E	80-120		20	1

Batch QC

Type: Matrix Spike	Lab ID: QC1251665	Batch: 369667
Matrix (Source ID): Water (531645-005)	Method: EPA 300.0	Prep Method: METHOD

QC1251665 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	19.38	0.5097	20.00	mg/L	94%		80-120	1
Chloride	155.8	57.44	100.0	mg/L	98%		80-120	1
Bromide	14.44	0.1405	15.00	mg/L	95%		80-120	1
Nitrogen, Nitrate	9.896	1.138	9.036	mg/L	97%		80-120	1
Sulfate	165.4	125.2	50.00	mg/L	80%	E	80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1251666	Batch: 369667
Matrix (Source ID): Water (531645-005)	Method: EPA 300.0	Prep Method: METHOD

QC1251666 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	19.31	0.5097	20.00	mg/L	94%		80-120	0	20	1
Chloride	155.7	57.44	100.0	mg/L	98%		80-120	0	20	1
Bromide	14.43	0.1405	15.00	mg/L	95%		80-120	0	20	1
Nitrogen, Nitrate	9.896	1.138	9.036	mg/L	97%		80-120	0	20	1
Sulfate	165.3	125.2	50.00	mg/L	80%	E	80-120		20	1

Type: Lab Control Sample	Lab ID: QC1252112	Batch: 369796
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1252112 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9015	1.000	mg/L	90%		90-110

Type: Blank	Lab ID: QC1252113	Batch: 369796
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1252113 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	04/26/25	04/28/25

Type: Matrix Spike	Lab ID: QC1252165	Batch: 369796
Matrix (Source ID): Water (531645-002)	Method: EPA 350.1	Prep Method: METHOD

QC1252165 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9785	ND	1.000	mg/L	98%		90-110	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1252166	Batch: 369796
Matrix (Source ID): Water (531645-002)	Method: EPA 350.1	Prep Method: METHOD

QC1252166 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9414	ND	1.000	mg/L	94%		90-110	4	20	1

Type: Matrix Spike	Lab ID: QC1252167	Batch: 369796
Matrix (Source ID): Water (531645-003)	Method: EPA 350.1	Prep Method: METHOD

QC1252167 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9820	ND	1.000	mg/L	98%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1252168	Batch: 369796
Matrix (Source ID): Water (531645-003)	Method: EPA 350.1	Prep Method: METHOD

QC1252168 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9592	ND	1.000	mg/L	96%		90-110	2	20	1

Type: Blank	Lab ID: QC1252437	Batch: 369882
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1252437 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	04/28/25	04/28/25

Type: Lab Control Sample	Lab ID: QC1252438	Batch: 369882
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1252438 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	100.0	100.0	mg/L	100%		90-110

Type: Matrix Spike	Lab ID: QC1252439	Batch: 369882
Matrix (Source ID): Water (531407-001)	Method: EPA 410.4	Prep Method: METHOD

QC1252439 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	128.0	12.00	100.0	mg/L	116%		75-125	2

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1252440	Batch: 369882
Matrix (Source ID): Water (531407-001)	Method: EPA 410.4	Prep Method: METHOD

QC1252440 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Chemical Oxygen Demand	126.0	12.00	100.0	mg/L	114%		75-125	2	20	2

Type: Matrix Spike	Lab ID: QC1252441	Batch: 369882
Matrix (Source ID): Water (531446-002)	Method: EPA 410.4	Prep Method: METHOD

QC1252441 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	118.0	16.00	100.0	mg/L	102%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1252442	Batch: 369882
Matrix (Source ID): Water (531446-002)	Method: EPA 410.4	Prep Method: METHOD

QC1252442 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Chemical Oxygen Demand	126.0	16.00	100.0	mg/L	110%		75-125	7	20	2

Type: Blank	Lab ID: QC1252180	Batch: 369811
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1252180 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0062	04/26/25	04/29/25
Calcium	ND		mg/L	0.57	0.57	04/26/25	04/27/25
Iron	ND		mg/L	0.046	0.046	04/26/25	04/27/25
Magnesium	ND		mg/L	0.10	0.025	04/26/25	04/27/25
Manganese	ND		mg/L	0.010	0.0029	04/26/25	04/27/25
Potassium	ND		mg/L	0.50	0.40	04/26/25	04/27/25
Sodium	ND		mg/L	0.50	0.34	04/26/25	04/27/25

Type: Lab Control Sample	Lab ID: QC1252181	Batch: 369811
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1252181 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3383	0.4000	mg/L	85%		80-120
Calcium	18.30	20.40	mg/L	90%		80-120
Iron	0.3655	0.4000	mg/L	91%		80-120
Magnesium	18.31	20.40	mg/L	90%		80-120
Manganese	0.3609	0.4000	mg/L	90%		80-120
Potassium	20.54	24.00	mg/L	86%		80-120
Sodium	18.31	20.40	mg/L	90%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1252182	Batch: 369811
Matrix (Source ID): Water (531645-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1252182 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.5873	0.2013	0.4000	mg/L	97%		75-125	1
Calcium	41.51	23.23	20.40	mg/L	90%		75-125	1
Iron	0.3637	ND	0.4000	mg/L	91%		75-125	1
Magnesium	21.34	2.839	20.40	mg/L	91%		75-125	1
Manganese	0.3594	ND	0.4000	mg/L	90%		75-125	1
Potassium	23.50	1.626	24.00	mg/L	91%		75-125	1
Sodium	294.3	284.3	20.40	mg/L	49%	NM	75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1252183	Batch: 369811
Matrix (Source ID): Water (531645-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1252183 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.5860	0.2013	0.4000	mg/L	96%		75-125	0	20	1
Calcium	41.08	23.23	20.40	mg/L	88%		75-125	1	20	1
Iron	0.3622	ND	0.4000	mg/L	91%		75-125	0	20	1
Magnesium	21.04	2.839	20.40	mg/L	89%		75-125	1	20	1
Manganese	0.3585	ND	0.4000	mg/L	90%		75-125	0	20	1
Potassium	23.20	1.626	24.00	mg/L	90%		75-125	1	20	1
Sodium	292.6	284.3	20.40	mg/L	41%	NM	75-125	1	20	1

Type: Serial Dilution	Lab ID: QC1252617	Batch: 369811
Matrix (Source ID): Water (531645-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1252617 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	0.2220	0.2013	mg/L	J			5
Calcium	24.14	23.23	mg/L				5
Iron	ND	ND	mg/L				5
Magnesium	3.011	2.839	mg/L				5
Manganese	ND	ND	mg/L				5
Potassium	ND	1.626	mg/L				5
Sodium	281.3	284.3	mg/L				5

Batch QC

Type: Blank	Lab ID: QC1252393	Batch: 369868
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1252393 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.6	04/28/25	04/28/25
Freon 12	ND		ug/L	5.0	0.3	04/28/25	04/28/25
Chloromethane	ND		ug/L	5.0	0.4	04/28/25	04/28/25
Vinyl Chloride	ND		ug/L	5.0	0.1	04/28/25	04/28/25
Bromomethane	ND		ug/L	5.0	0.8	04/28/25	04/28/25
Chloroethane	ND		ug/L	5.0	0.2	04/28/25	04/28/25
Trichlorofluoromethane	ND		ug/L	5.0	0.1	04/28/25	04/28/25
Acetone	ND		ug/L	100	17	04/28/25	04/28/25
Freon 113	ND		ug/L	5.0	0.1	04/28/25	04/28/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
Methylene Chloride	ND		ug/L	5.0	3.5	04/28/25	04/28/25
MTBE	ND		ug/L	5.0	0.1	04/28/25	04/28/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
1,1-Dichloroethane	ND		ug/L	5.0	0.1	04/28/25	04/28/25
2-Butanone	ND		ug/L	100	2.0	04/28/25	04/28/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
2,2-Dichloropropane	ND		ug/L	5.0	0.2	04/28/25	04/28/25
Chloroform	ND		ug/L	5.0	0.1	04/28/25	04/28/25
Bromochloromethane	ND		ug/L	5.0	0.2	04/28/25	04/28/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	04/28/25	04/28/25
1,1-Dichloropropene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
Carbon Tetrachloride	ND		ug/L	5.0	0.1	04/28/25	04/28/25
1,2-Dichloroethane	ND		ug/L	5.0	0.2	04/28/25	04/28/25
Benzene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
Trichloroethene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
1,2-Dichloropropane	ND		ug/L	5.0	0.1	04/28/25	04/28/25
Bromodichloromethane	ND		ug/L	5.0	0.1	04/28/25	04/28/25
Dibromomethane	ND		ug/L	5.0	0.2	04/28/25	04/28/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.4	04/28/25	04/28/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
Toluene	ND		ug/L	5.0	0.2	04/28/25	04/28/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	04/28/25	04/28/25
1,3-Dichloropropane	ND		ug/L	5.0	0.2	04/28/25	04/28/25
Tetrachloroethene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
Dibromochloromethane	ND		ug/L	5.0	0.1	04/28/25	04/28/25
1,2-Dibromoethane	ND		ug/L	5.0	0.2	04/28/25	04/28/25
Chlorobenzene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	04/28/25	04/28/25
Ethylbenzene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
m,p-Xylenes	ND		ug/L	10	0.2	04/28/25	04/28/25
o-Xylene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
Styrene	ND		ug/L	5.0	0.08	04/28/25	04/28/25
Bromoform	ND		ug/L	5.0	0.2	04/28/25	04/28/25
Isopropylbenzene	ND		ug/L	5.0	0.09	04/28/25	04/28/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	04/28/25	04/28/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	04/28/25	04/28/25

Batch QC

QC1252393 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
Bromobenzene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
2-Chlorotoluene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
4-Chlorotoluene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
tert-Butylbenzene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
sec-Butylbenzene	ND		ug/L	5.0	0.08	04/28/25	04/28/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	04/28/25	04/28/25
n-Butylbenzene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	04/28/25	04/28/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	04/28/25	04/28/25
Hexachlorobutadiene	ND		ug/L	5.0	0.2	04/28/25	04/28/25
Naphthalene	ND		ug/L	5.0	0.3	04/28/25	04/28/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	04/28/25	04/28/25
Xylene (total)	ND		ug/L	5.0		04/28/25	04/28/25
Surrogates	Limits						
Dibromofluoromethane	98%		%REC	70-130		04/28/25	04/28/25
1,2-Dichloroethane-d4	108%		%REC	70-130		04/28/25	04/28/25
Toluene-d8	97%		%REC	70-130		04/28/25	04/28/25
Bromofluorobenzene	102%		%REC	70-130		04/28/25	04/28/25

Type: Lab Control Sample
Matrix: Water

Lab ID: QC1252394
Method: EPA 8260B

Batch: 369868
Prep Method: EPA 5030B

QC1252394 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	56.95	50.00	ug/L	114%		70-135
MTBE	54.06	50.00	ug/L	108%		70-130
Benzene	49.46	50.00	ug/L	99%		70-130
Trichloroethene	49.02	50.00	ug/L	98%		70-130
Toluene	47.89	50.00	ug/L	96%		70-130
Chlorobenzene	46.33	50.00	ug/L	93%		70-130
Surrogates						
Dibromofluoromethane	49.93	50.00	ug/L	100%		70-130
1,2-Dichloroethane-d4	51.92	50.00	ug/L	104%		70-130
Toluene-d8	49.76	50.00	ug/L	100%		70-130
Bromofluorobenzene	51.85	50.00	ug/L	104%		70-130

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1252395	Batch: 369868
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1252395 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	51.50	50.00	ug/L	103%		70-135	10	30
MTBE	56.26	50.00	ug/L	113%		70-130	4	30
Benzene	49.07	50.00	ug/L	98%		70-130	1	30
Trichloroethene	48.35	50.00	ug/L	97%		70-130	1	30
Toluene	47.25	50.00	ug/L	95%		70-130	1	30
Chlorobenzene	45.48	50.00	ug/L	91%		70-130	2	30
Surrogates								
Dibromofluoromethane	49.30	50.00	ug/L	99%		70-130		
1,2-Dichloroethane-d4	52.17	50.00	ug/L	104%		70-130		
Toluene-d8	49.52	50.00	ug/L	99%		70-130		
Bromofluorobenzene	51.69	50.00	ug/L	103%		70-130		

Type: Matrix Spike	Lab ID: QC1252443	Batch: 369868
Matrix (Source ID): Water (531645-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1252443 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	16.58	ND	20.00	ug/L	83%		70-130	1
MTBE	16.76	ND	20.00	ug/L	84%		75-130	1
Benzene	16.14	ND	20.00	ug/L	81%		70-130	1
Trichloroethene	17.33	ND	20.00	ug/L	87%		63-130	1
Toluene	16.46	ND	20.00	ug/L	82%		70-130	1
Chlorobenzene	16.17	ND	20.00	ug/L	81%		70-130	1
Surrogates								
Dibromofluoromethane	44.94		50.00	ug/L	90%		70-130	1
1,2-Dichloroethane-d4	48.75		50.00	ug/L	97%		70-130	1
Toluene-d8	50.89		50.00	ug/L	102%		70-130	1
Bromofluorobenzene	50.68		50.00	ug/L	101%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1252444	Batch: 369868
Matrix (Source ID): Water (531645-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1252444 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	16.47	ND	20.00	ug/L	82%		70-130	1	30	1
MTBE	17.28	ND	20.00	ug/L	86%		75-130	3	30	1
Benzene	17.14	ND	20.00	ug/L	86%		70-130	6	30	1
Trichloroethene	17.92	ND	20.00	ug/L	90%		63-130	3	30	1
Toluene	16.46	ND	20.00	ug/L	82%		70-130	0	30	1
Chlorobenzene	16.39	ND	20.00	ug/L	82%		70-130	1	30	1
Surrogates										
Dibromofluoromethane	48.35		50.00	ug/L	97%		70-130			1
1,2-Dichloroethane-d4	55.51		50.00	ug/L	111%		70-130			1
Toluene-d8	48.77		50.00	ug/L	98%		70-130			1
Bromofluorobenzene	51.58		50.00	ug/L	103%		70-130			1

Type: Lab Control Sample	Lab ID: QC1252682	Batch: 369946
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1252682 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	40.10	50.00	ug/L	80%		70-135
MTBE	43.98	50.00	ug/L	88%		70-130
Benzene	43.70	50.00	ug/L	87%		70-130
Trichloroethene	52.17	50.00	ug/L	104%		70-130
Toluene	49.44	50.00	ug/L	99%		70-130
Chlorobenzene	52.25	50.00	ug/L	104%		70-130
Surrogates						
Dibromofluoromethane	54.76	50.00	ug/L	110%		70-130
1,2-Dichloroethane-d4	42.68	50.00	ug/L	85%		70-130
Toluene-d8	54.03	50.00	ug/L	108%		70-130
Bromofluorobenzene	48.75	50.00	ug/L	97%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1252683	Batch: 369946
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1252683 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	40.58	50.00	ug/L	81%		70-135	1	30
MTBE	44.81	50.00	ug/L	90%		70-130	2	30
Benzene	43.27	50.00	ug/L	87%		70-130	1	30
Trichloroethene	52.18	50.00	ug/L	104%		70-130	0	30
Toluene	48.74	50.00	ug/L	97%		70-130	1	30
Chlorobenzene	51.43	50.00	ug/L	103%		70-130	2	30
Surrogates								
Dibromofluoromethane	55.05	50.00	ug/L	110%		70-130		
1,2-Dichloroethane-d4	42.38	50.00	ug/L	85%		70-130		
Toluene-d8	52.93	50.00	ug/L	106%		70-130		
Bromofluorobenzene	47.57	50.00	ug/L	95%		70-130		

Batch QC

Type: Blank	Lab ID: QC1252687	Batch: 369946
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1252687 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.5	04/29/25	04/29/25
Freon 12	ND		ug/L	5.0	0.2	04/29/25	04/29/25
Chloromethane	ND		ug/L	5.0	0.3	04/29/25	04/29/25
Vinyl Chloride	ND		ug/L	5.0	0.1	04/29/25	04/29/25
Bromomethane	ND		ug/L	5.0	0.4	04/29/25	04/29/25
Chloroethane	ND		ug/L	5.0	0.3	04/29/25	04/29/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	04/29/25	04/29/25
Acetone	ND		ug/L	100	21	04/29/25	04/29/25
Freon 113	ND		ug/L	5.0	0.1	04/29/25	04/29/25
1,1-Dichloroethene	ND		ug/L	5.0	0.08	04/29/25	04/29/25
Methylene Chloride	ND		ug/L	5.0	2.4	04/29/25	04/29/25
MTBE	ND		ug/L	5.0	0.09	04/29/25	04/29/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	04/29/25	04/29/25
1,1-Dichloroethane	ND		ug/L	5.0	0.09	04/29/25	04/29/25
2-Butanone	ND		ug/L	100	1.7	04/29/25	04/29/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	04/29/25	04/29/25
2,2-Dichloropropane	ND		ug/L	5.0	0.1	04/29/25	04/29/25
Chloroform	ND		ug/L	5.0	0.1	04/29/25	04/29/25
Bromochloromethane	ND		ug/L	5.0	0.2	04/29/25	04/29/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	04/29/25	04/29/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	04/29/25	04/29/25
Carbon Tetrachloride	ND		ug/L	5.0	0.1	04/29/25	04/29/25
1,2-Dichloroethane	ND		ug/L	5.0	0.2	04/29/25	04/29/25
Benzene	ND		ug/L	5.0	0.1	04/29/25	04/29/25
Trichloroethene	ND		ug/L	5.0	0.2	04/29/25	04/29/25
1,2-Dichloropropane	ND		ug/L	5.0	0.1	04/29/25	04/29/25
Bromodichloromethane	ND		ug/L	5.0	0.08	04/29/25	04/29/25
Dibromomethane	ND		ug/L	5.0	0.2	04/29/25	04/29/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	04/29/25	04/29/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	04/29/25	04/29/25
Toluene	ND		ug/L	5.0	0.1	04/29/25	04/29/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	04/29/25	04/29/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	04/29/25	04/29/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	04/29/25	04/29/25
Tetrachloroethene	ND		ug/L	5.0	0.09	04/29/25	04/29/25
Dibromochloromethane	ND		ug/L	5.0	0.1	04/29/25	04/29/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	04/29/25	04/29/25
Chlorobenzene	ND		ug/L	5.0	0.09	04/29/25	04/29/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	04/29/25	04/29/25
Ethylbenzene	ND		ug/L	5.0	0.1	04/29/25	04/29/25
m,p-Xylenes	ND		ug/L	10	0.2	04/29/25	04/29/25
o-Xylene	ND		ug/L	5.0	0.1	04/29/25	04/29/25
Styrene	ND		ug/L	5.0	0.1	04/29/25	04/29/25
Bromoform	ND		ug/L	5.0	0.2	04/29/25	04/29/25
Isopropylbenzene	ND		ug/L	5.0	0.1	04/29/25	04/29/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	04/29/25	04/29/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	04/29/25	04/29/25

Batch QC

QC1252687 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.2	04/29/25	04/29/25
Bromobenzene	ND		ug/L	5.0	0.1	04/29/25	04/29/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	04/29/25	04/29/25
2-Chlorotoluene	ND		ug/L	5.0	0.1	04/29/25	04/29/25
4-Chlorotoluene	ND		ug/L	5.0	0.1	04/29/25	04/29/25
tert-Butylbenzene	ND		ug/L	5.0	0.2	04/29/25	04/29/25
1,2,4-Trimethylbenzene	0.2	J	ug/L	5.0	0.2	04/29/25	04/29/25
sec-Butylbenzene	ND		ug/L	5.0	0.2	04/29/25	04/29/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	04/29/25	04/29/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	04/29/25	04/29/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	04/29/25	04/29/25
n-Butylbenzene	ND		ug/L	5.0	0.4	04/29/25	04/29/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	04/29/25	04/29/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	04/29/25	04/29/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	04/29/25	04/29/25
Hexachlorobutadiene	ND		ug/L	5.0	0.4	04/29/25	04/29/25
Naphthalene	ND		ug/L	5.0	0.3	04/29/25	04/29/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	04/29/25	04/29/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	04/29/25	04/29/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	04/29/25	04/29/25
Xylene (total)	ND		ug/L	5.0		04/29/25	04/29/25
Surrogates				Limits			
Dibromofluoromethane	110%		%REC	70-130		04/29/25	04/29/25
1,2-Dichloroethane-d4	85%		%REC	70-130		04/29/25	04/29/25
Toluene-d8	109%		%REC	70-130		04/29/25	04/29/25
Bromofluorobenzene	100%		%REC	70-130		04/29/25	04/29/25

Type: Matrix Spike	Lab ID: QC1252764	Batch: 369946
Matrix (Source ID): Water (531477-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1252764 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	106.3	ND	200.0	ug/L	53%	*	70-130	10
MTBE	112.0	ND	200.0	ug/L	56%	*	75-130	10
Benzene	117.9	ND	200.0	ug/L	59%	*	70-130	10
Trichloroethene	153.3	ND	200.0	ug/L	77%		63-130	10
Toluene	140.0	ND	200.0	ug/L	70%		70-130	10
Chlorobenzene	171.2	32.82	200.0	ug/L	69%	*	70-130	10
Surrogates								
Dibromofluoromethane	536.6		500.0	ug/L	107%		70-130	10
1,2-Dichloroethane-d4	415.9		500.0	ug/L	83%		70-130	10
Toluene-d8	540.1		500.0	ug/L	108%		70-130	10
Bromofluorobenzene	488.8		500.0	ug/L	98%		70-130	10

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1252765	Batch: 369946
Matrix (Source ID): Water (531477-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1252765 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	109.5	ND	200.0	ug/L	55%	*	70-130	3	30	10
MTBE	117.4	ND	200.0	ug/L	59%	*	75-130	5	30	10
Benzene	123.4	ND	200.0	ug/L	62%	*	70-130	5	30	10
Trichloroethene	162.7	ND	200.0	ug/L	81%		63-130	6	30	10
Toluene	148.3	ND	200.0	ug/L	74%		70-130	6	30	10
Chlorobenzene	183.6	32.82	200.0	ug/L	75%		70-130	7	30	10
Surrogates										
Dibromofluoromethane	541.3		500.0	ug/L	108%		70-130			10
1,2-Dichloroethane-d4	405.3		500.0	ug/L	81%		70-130			10
Toluene-d8	540.8		500.0	ug/L	108%		70-130			10
Bromofluorobenzene	489.3		500.0	ug/L	98%		70-130			10

Type: Blank	Lab ID: QC1252036	Batch: 369774
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1252036 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.88	04/25/25	04/26/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		04/25/25	04/26/25

Type: Lab Control Sample	Lab ID: QC1252038	Batch: 369774
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1252038 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	8.756	10.00	ug/L	88%		80-120
Surrogates						
1,4-Dioxane-d8 (SUR)	9.867	10.00	ug/L	99%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1252039	Batch: 369774
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1252039 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	8.890	10.00	ug/L	89%		80-120	2	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.08	10.00	ug/L	101%		80-120		

Type: Blank	Lab ID: QC1252419	Batch: 369874
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1252419 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		04/28/25	04/28/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1252420	Batch: 369874
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1252420 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	1.000	1.000	mg/L	100%		90-110

Type: Matrix Spike	Lab ID: QC1252421	Batch: 369874
Matrix (Source ID): Water (531562-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1252421 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	1.000	ND	1.000	mg/L	100%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1252422	Batch: 369874
Matrix (Source ID): Water (531562-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1252422 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Sulfide	1.000	ND	1.000	mg/L	100%		80-120	0	20	1

Type: Blank	Lab ID: QC1252745	Batch: 369964
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1252745 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.68	04/29/25	04/29/25

Type: Lab Control Sample	Lab ID: QC1252746	Batch: 369964
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1252746 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	24.13	25.00	mg/L	97%		85-115

Type: Matrix Spike	Lab ID: QC1252747	Batch: 369964
Matrix (Source ID): Water (531641-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1252747 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	52.84	24.94	25.00	mg/L	112%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1252748	Batch: 369964
Matrix (Source ID): Water (531641-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1252748 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Total Organic Carbon	52.08	24.94	25.00	mg/L	109%		75-125	1	25	1

Batch QC

Type: Blank	Lab ID: QC1252245	Batch: 369830
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1252245 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		04/26/25	04/26/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		04/26/25	04/26/25

Type: Lab Control Sample	Lab ID: QC1252246	Batch: 369830
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1252246 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	984.0	1000	mg/L	98%		90-110

Type: Sample Duplicate	Lab ID: QC1252499	Batch: 369830
Matrix (Source ID): Drinking Water (531630-001)	Method: SM2320B	Prep Method: METHOD

QC1252499 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	71.14	72.49	mg/L		2	20	1
Alkalinity, Total as CaCO ₃	80.81	82.16	mg/L		2	20	1

Type: Blank	Lab ID: QC1251699	Batch: 369680
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1251699 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		04/24/25	04/27/25

Type: Lab Control Sample	Lab ID: QC1251700	Batch: 369680
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1251700 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,004	1000	mg/L	100%		90-110

Type: Sample Duplicate	Lab ID: QC1251701	Batch: 369680
Matrix (Source ID): Water (531729-001)	Method: SM2540C	Prep Method: METHOD

QC1251701 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	18,180	18460	mg/L		2	5	20

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

Laboratory Job Number 531645

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2504K66

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-531645

Project Location:

Project Received: 04/25/2025

Analytical Report reviewed & approved for release on 04/29/2025 by:

Jennifer Lagerbom

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: 2504K66

Project: EO-531645

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: 2504K66

Project: EO-531645

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: 04/25/2025 9:51
Date Prepared: 04/28/2025
Project: EO-531645

WorkOrder: 2504K66
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	2504K66-001A	Water	04/23/2025 08:47	GC26 0428250914.D	316352

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	1500	50	50	1	04/28/2025 14:19

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-7	2504K66-002A	Water	04/23/2025 09:44	GC26 0428250917.D	316352

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	930	50	50	1	04/28/2025 15:16

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-18	2504K66-003A	Water	04/23/2025 10:43	GC26 0428250920.D	316352

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	3500	200	200	4	04/28/2025 16:00

Analyst(s): CLO

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 04/25/2025 9:51
Date Prepared: 04/28/2025
Project: EO-531645

WorkOrder: 2504K66
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	2504K66-004A	Water	04/23/2025 11:27	GC26 0428250922.D	316352

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	540	50	50	1	04/28/2025 16:36

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
PZ-4	2504K66-005A	Water	04/23/2025 12:50	GC26 0428250925.D	316352

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	12,000	500	500	10	04/28/2025 17:17

Analyst(s): CLO



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 04/28/2025
Date Analyzed: 04/28/2025
Instrument: GC26
Matrix: Water
Project: EO-531645

WorkOrder: 2504K66
BatchID: 316352
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-316352

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	75	78	70-130	5.00	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: 2504K66

ClientCode: ENO

QuoteID: 243367

☐ 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-531645

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: 04/25/2025

Date Logged: 04/25/2025

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2504K66-001	DW-12	Water	4/23/2025 08:47	☐	A	A										
2504K66-002	DW-7	Water	4/23/2025 09:44	☐	A	A										
2504K66-003	DW-18	Water	4/23/2025 10:43	☐	A	A										
2504K66-004	DW-21	Water	4/23/2025 11:27	☐	A	A										
2504K66-005	PZ-4	Water	4/23/2025 12:50	☐	A	A										

Test Legend:

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

Project Manager: Yen Cao

Prepared by:

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-531645

Work Order: 2504K66

Client Contact: Zach Barker

QC Level: LEVEL 2

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

Comments:

Date Logged: 4/25/2025

☐ 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	DW-12	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	4/23/2025 8:47	3 days	4/30/2025	None	☐	☐
002A	DW-7	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	4/23/2025 9:44	3 days	4/30/2025	None	☐	☐
003A	DW-18	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	4/23/2025 10:43	3 days	4/30/2025	None	☐	☐
004A	DW-21	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	4/23/2025 11:27	3 days	4/30/2025	None	☐	☐
005A	PZ-4	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	4/23/2025 12:50	3 days	4/30/2025	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.

2504Klele



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

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

Enthalpy Order: EO-531645
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	23-APR-2025 08:47	531645-001	2	Water	RSK-175 CO2	
✓ DW-7	23-APR-2025 09:44	531645-002	2	Water	RSK-175 CO2	
✓ DW-18	23-APR-2025 10:43	531645-003	2	Water	RSK-175 CO2	
✓ DW-21	23-APR-2025 11:27	531645-004	2	Water	RSK-175 CO2	
✓ PZ-4	23-APR-2025 12:50	531645-005	2	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	<i>J. Quintana</i> EA-ORA	<i>[Signature]</i>
	Date: 4/24/25 1610	Date: 4/25/25 0951
	Date:	Date:
	Date:	Date:

O. Scinet
1R33



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-531645

Date and Time Received: 4/25/2025 09:51
Date Logged: 4/25/2025
Received by: Agustina Venegas
Logged by:

WorkOrder No: 2504K66 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 ☐

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: 0.8°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 : 531741
Report Level : II
Report Date : 05/12/2025

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, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197



Sample Summary

Steve Cassulo	Lab Job #:	531741
Waste Connections	Project No:	GW MONITORING
Chiquita Canyon Landfill	Location:	Chiquita Canyon Landfill - Quarterly MPars
29201 Henry Mayo	Date Received:	04/24/25
Drive		
Castaic, CA 91384		

Sample ID	Lab ID	Collected	Matrix
DW-17	531741-001	04/24/25 08:57	Water
DW-14	531741-002	04/24/25 10:27	Water
DW-30	531741-003	04/24/25 11:34	Water
DW-15	531741-004	04/24/25 12:23	Water
QCFB	531741-005	04/24/25 12:25	Water
QCTB	531741-006	04/24/25 00:00	Water

Case Narrative

Waste Connections	Lab Job Number: 531741
Chiquita Canyon Landfill	Project No: GW MONITORING
29201 Henry Mayo Drive	Location: Chiquita Canyon Landfill - Quarterly
Castaic, CA 91384	MPars
Steve Cassulo	Date Received: 04/24/25

This data package contains sample and QC results for six water samples, requested for the above referenced project on 04/25/25. The samples were received cold and intact.

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

- Low recoveries were observed for a number of analytes in the MS/MSD for batch 369946; the parent sample was not a project sample, the BS/BSD were within limits, and the associated RPDs were within limits.
- 1,2,4-trimethylbenzene was detected between the MDL and the RL in the method blank for batch 369946; 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):

- Magnesium was detected between the MDL and the RL in the method blank for batch 369871; this analyte was detected in samples at a level at least 10 times that of the blank.
- 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):

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



Login 531741



Chain of Custody Record

Lab No: _____

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

Preservatives:

1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

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

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
X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X
X								
X								

IR 11 → (+0.1)
4.9-15.0 4.7
4.6-4.8 HXD
Quarterly MPars

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

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
1 DW-17	4/24/25	857	W	13	var.
2 DW-14	↓	1027	↓	↓	↓
3 DW-30	↓	1134	↓	↓	↓
4 DW-15	↓	1223	↓	↓	↓
5 QCPB	↓	1225	↓	↓	↓
6 QCTB	—	—	↓	↓	↓
7					
8					
9					
10					

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Paul Chang	CEI	4/24/25 1:38
1 Received By:		Alice Tahmasian	EA/NH	4/24/25 1:38
2 Relinquished By:		Alice Tahmasian	EA/NH	4/24/25 0830 PM
2 Received By:		Hrag B.	EA-NH	4/25/25 0830
3 Relinquished By:		Hrag B.	EA-NH	4/25/25 1055
3 Received By:		Hrag B.	EA	4-25-25 1150

2 W/6 RA 4-25-25 1235

ENTHALPY

Date Received: 4.24.25 WO# _____ Client: Chiquita Canyon Landfill

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 4, 24, 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: 10.7

Cooler Temp (°C) #1: 7.2/6.5 #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?

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?

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

☐ No additional discrepancies

Date Logged 04/24/25 By (print) ABD (sign) _____

Date Labeled 04/25/25 By (print) Orange EA (sign) _____

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 4/25/25 WO# 531711 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 4/25/25 By (initials) _____ 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: +0.1

Cooler Temp (°C) #1: 4.9/5.0 #2: 4.6/4.7 #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.)

4.1/4.7: Container count incorrect for samples - 005, -006

☐ No additional discrepancies

Date Logged 4/24/25 By (print) ASD (sign) Ado

Date Labeled 4/25/25 By (print) orange EA (sign) _____

Analysis Results for 531741

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

Lab Job #: 531741
Project No: GW MONITORING
Location: Chiquita Canyon Landfill - Quarterly MPars
Date Received: 04/24/25

Sample ID: DW-17

Lab ID: 531741-001

Collected: 04/24/25 08:57

Matrix: Water

531741-001 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	0.034	1	369758	04/25/25 15:16	04/25/25 17:23	AJL
Chloride	150		mg/L	1.0	0.27	1	369758	04/25/25 15:16	04/25/25 17:23	AJL
Bromide	0.34		mg/L	0.30	0.060	1	369758	04/25/25 15:16	04/25/25 17:23	AJL
Nitrogen, Nitrate	1.0		mg/L	0.10	0.05	1	369758	04/25/25 15:16	04/25/25 17:23	AJL
Sulfate	180		mg/L	10	1.8	10	369758	04/25/25 15:16	04/25/25 17:44	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	369796	04/26/25	04/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	370263	05/01/25	05/01/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.089		mg/L	0.050	0.0055	1	369871	04/28/25	04/28/25	CAP
Calcium	4.8		mg/L	0.57	0.57	1	369871	04/28/25	04/28/25	CAP
Iron	ND		mg/L	0.041	0.041	1	369871	04/28/25	04/28/25	CAP
Magnesium	0.13		mg/L	0.10	0.025	1	370088	04/30/25	04/30/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	369871	04/28/25	04/28/25	CAP
Potassium	0.70		mg/L	0.50	0.40	1	369871	04/28/25	04/28/25	CAP
Sodium	220		mg/L	0.50	0.35	1	369871	04/28/25	04/28/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	369946	04/29/25	04/29/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	369946	04/29/25	04/29/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	369946	04/29/25	04/29/25	ZST
Acetone	ND		ug/L	100	21	1	369946	04/29/25	04/29/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	369946	04/29/25	04/29/25	ZST
Methylene Chloride	ND		ug/L	5.0	2.4	1	369946	04/29/25	04/29/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	369946	04/29/25	04/29/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	369946	04/29/25	04/29/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	369946	04/29/25	04/29/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST

Analysis Results for 531741

531741-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	369946	04/29/25	04/29/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
Benzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	369946	04/29/25	04/29/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	369946	04/29/25	04/29/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	369946	04/29/25	04/29/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	369946	04/29/25	04/29/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	369946	04/29/25	04/29/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	369946	04/29/25	04/29/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	369946	04/29/25	04/29/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	369946	04/29/25	04/29/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	369946	04/29/25	04/29/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	369946	04/29/25	04/29/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
Xylene (total)	ND		ug/L	5.0		1	369946	04/29/25	04/29/25	ZST
Surrogates				Limits						
Dibromofluoromethane	111%		%REC	70-130		1	369946	04/29/25	04/29/25	ZST

Analysis Results for 531741

531741-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	89%		%REC	70-130		1	369946	04/29/25	04/29/25	ZST
Toluene-d8	106%		%REC	70-130		1	369946	04/29/25	04/29/25	ZST
Bromofluorobenzene	99%		%REC	70-130		1	369946	04/29/25	04/29/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

1,4-Dioxane	ND		ug/L	1.0	0.88	1	369774	04/25/25	04/26/25	HQN

Surrogates

Limits

1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	369774	04/25/25	04/26/25	HQN

Method: SM 4500-S2-D

Prep Method: METHOD

Sulfide	ND		mg/L	0.10		1	369957	04/29/25	04/29/25	DXA

Method: SM 5310B

Prep Method: SM 5310B

Total Organic Carbon	1.5		mg/L	1.0	0.68	1	370311	05/02/25	05/02/25	TDD

Method: SM2320B

Prep Method: METHOD

Alkalinity, Bicarbonate, as CaCO3	100		mg/L	5.0		2.5	369916	04/28/25	04/28/25	WWC
Alkalinity, Total as CaCO3	150		mg/L	5.0		2.5	369916	04/28/25	04/28/25	WWC

Method: SM2540C

Prep Method: METHOD

Total Dissolved Solids	720		mg/L	20		2	369929	04/28/25	04/29/25	RDL

Analysis Results for 531741

Sample ID: DW-14
Lab ID: 531741-002
Collected: 04/24/25 10:27
Matrix: Water

531741-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.39		mg/L	0.20	0.034	1	369758	04/25/25 15:16	04/25/25 18:04	AJL
Chloride	96		mg/L	1.0	0.27	1	369758	04/25/25 15:16	04/25/25 18:04	AJL
Bromide	0.13	J	mg/L	0.30	0.060	1	369758	04/25/25 15:16	04/25/25 18:04	AJL
Nitrogen, Nitrate	0.32		mg/L	0.10	0.05	1	369758	04/25/25 15:16	04/25/25 18:04	AJL
Sulfate	30		mg/L	1.0	0.18	1	369758	04/25/25 15:16	04/25/25 18:04	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	369796	04/26/25	04/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	370263	05/01/25	05/01/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.12		mg/L	0.050	0.0055	1	369871	04/28/25	04/28/25	CAP
Calcium	2.6		mg/L	0.57	0.57	1	369871	04/28/25	04/28/25	CAP
Iron	0.29		mg/L	0.046	0.046	1	369871	04/28/25	04/28/25	CAP
Magnesium	0.20		mg/L	0.10	0.025	1	370088	04/30/25	04/30/25	SBW
Manganese	0.0030	J	mg/L	0.010	0.0029	1	369871	04/28/25	04/28/25	CAP
Potassium	0.57		mg/L	0.50	0.40	1	369871	04/28/25	04/28/25	CAP
Sodium	140		mg/L	0.50	0.35	1	369871	04/28/25	04/28/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	369946	04/29/25	04/29/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	369946	04/29/25	04/29/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	369946	04/29/25	04/29/25	ZST
Acetone	ND		ug/L	100	21	1	369946	04/29/25	04/29/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	369946	04/29/25	04/29/25	ZST
Methylene Chloride	ND		ug/L	5.0	2.4	1	369946	04/29/25	04/29/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	369946	04/29/25	04/29/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	369946	04/29/25	04/29/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	369946	04/29/25	04/29/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	369946	04/29/25	04/29/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST

Analysis Results for 531741

531741-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	369946	04/29/25	04/29/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	369946	04/29/25	04/29/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	369946	04/29/25	04/29/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	369946	04/29/25	04/29/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	369946	04/29/25	04/29/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	369946	04/29/25	04/29/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	369946	04/29/25	04/29/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	369946	04/29/25	04/29/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	369946	04/29/25	04/29/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	369946	04/29/25	04/29/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
Xylene (total)	ND		ug/L	5.0		1	369946	04/29/25	04/29/25	ZST
Surrogates				Limits						
Dibromofluoromethane	110%	%REC	70-130		1	369946	04/29/25	04/29/25		ZST
1,2-Dichloroethane-d4	87%	%REC	70-130		1	369946	04/29/25	04/29/25		ZST
Toluene-d8	106%	%REC	70-130		1	369946	04/29/25	04/29/25		ZST
Bromofluorobenzene	99%	%REC	70-130		1	369946	04/29/25	04/29/25		ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 531741

531741-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.88	1	369774	04/25/25	04/26/25	HQN
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	369774	04/25/25	04/26/25	HQN
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	369957	04/29/25	04/29/25	DXA
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	370311	05/02/25	05/02/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	160		mg/L	5.0		2.5	369916	04/28/25	04/28/25	WWC
Alkalinity, Total as CaCO3	190		mg/L	5.0		2.5	369916	04/28/25	04/28/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	400		mg/L	20		2	369929	04/28/25	04/29/25	RDL

Analysis Results for 531741

Sample ID: DW-30
Lab ID: 531741-003
Collected: 04/24/25 11:34
Matrix: Water

531741-003 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	0.034	1	369758	04/25/25 15:16	04/25/25 19:47	AJL
Chloride	59		mg/L	1.0	0.27	1	369758	04/25/25 15:16	04/25/25 19:47	AJL
Bromide	0.14	J	mg/L	0.30	0.060	1	369758	04/25/25 15:16	04/25/25 19:47	AJL
Nitrogen, Nitrate	0.23		mg/L	0.10	0.05	1	369758	04/25/25 15:16	04/25/25 19:47	AJL
Sulfate	310		mg/L	10	1.8	10	369758	04/25/25 15:16	04/25/25 20:48	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	369796	04/26/25	04/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	4.0		mg/L	4.0	2.0	1	370263	05/01/25	05/01/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.21		mg/L	0.050	0.0055	1	369871	04/28/25	04/28/25	CAP
Calcium	37		mg/L	0.57	0.57	1	369871	04/28/25	04/28/25	CAP
Iron	0.24		mg/L	0.046	0.046	1	369871	04/28/25	04/28/25	CAP
Magnesium	5.8		mg/L	0.10	0.025	1	369871	04/28/25	04/28/25	CAP
Manganese	0.038		mg/L	0.010	0.0029	1	369871	04/28/25	04/28/25	CAP
Potassium	1.6		mg/L	0.50	0.40	1	369871	04/28/25	04/28/25	CAP
Sodium	190		mg/L	0.50	0.35	1	369871	04/28/25	04/28/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	369946	04/29/25	04/29/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	369946	04/29/25	04/29/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	369946	04/29/25	04/29/25	ZST
Acetone	ND		ug/L	100	21	1	369946	04/29/25	04/29/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	369946	04/29/25	04/29/25	ZST
Methylene Chloride	ND		ug/L	5.0	2.4	1	369946	04/29/25	04/29/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	369946	04/29/25	04/29/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	369946	04/29/25	04/29/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	369946	04/29/25	04/29/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	369946	04/29/25	04/29/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST

Analysis Results for 531741

531741-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	369946	04/29/25	04/29/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	369946	04/29/25	04/29/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	369946	04/29/25	04/29/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Tetrachloroethene	0.4	J	ug/L	5.0	0.09	1	369946	04/29/25	04/29/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	369946	04/29/25	04/29/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	369946	04/29/25	04/29/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	369946	04/29/25	04/29/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	369946	04/29/25	04/29/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	369946	04/29/25	04/29/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	369946	04/29/25	04/29/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
Xylene (total)	ND		ug/L	5.0		1	369946	04/29/25	04/29/25	ZST
Surrogates			Limits							
Dibromofluoromethane	111%		%REC	70-130		1	369946	04/29/25	04/29/25	ZST
1,2-Dichloroethane-d4	87%		%REC	70-130		1	369946	04/29/25	04/29/25	ZST
Toluene-d8	108%		%REC	70-130		1	369946	04/29/25	04/29/25	ZST
Bromofluorobenzene	99%		%REC	70-130		1	369946	04/29/25	04/29/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 531741

531741-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.88	1	369774	04/25/25	04/26/25	HQN
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	369774	04/25/25	04/26/25	HQN
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	369957	04/29/25	04/29/25	DXA
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	370311	05/02/25	05/02/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	190		mg/L	5.0		2.5	369916	04/28/25	04/28/25	WWC
Alkalinity, Total as CaCO3	190		mg/L	5.0		2.5	369916	04/28/25	04/28/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	810		mg/L	20		2	369929	04/28/25	04/29/25	RDL

Analysis Results for 531741

Sample ID: DW-15
Lab ID: 531741-004
Collected: 04/24/25 12:23
Matrix: Water

531741-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.090	J	mg/L	0.20	0.034	1	369758	04/25/25 15:16	04/25/25 21:09	AJL
Chloride	75		mg/L	1.0	0.27	1	369758	04/25/25 15:16	04/25/25 21:09	AJL
Bromide	0.16	J	mg/L	0.30	0.060	1	369758	04/25/25 15:16	04/25/25 21:09	AJL
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	369758	04/25/25 15:16	04/25/25 21:09	AJL
Sulfate	1,500		mg/L	20	3.7	20	369758	04/25/25 15:16	04/25/25 21:29	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	0.15		mg/L	0.10	0.050	1	369796	04/26/25	04/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	3.0	J	mg/L	4.0	2.0	1	370263	05/01/25	05/01/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.23		mg/L	0.050	0.0055	1	369871	04/28/25	04/28/25	CAP
Calcium	240		mg/L	0.57	0.57	1	369871	04/28/25	04/28/25	CAP
Iron	0.93		mg/L	0.046	0.046	1	369871	04/28/25	04/28/25	CAP
Magnesium	33		mg/L	0.10	0.025	1	369871	04/28/25	04/28/25	CAP
Manganese	0.62		mg/L	0.010	0.0029	1	369871	04/28/25	04/28/25	CAP
Potassium	2.7		mg/L	0.50	0.40	1	369871	04/28/25	04/28/25	CAP
Sodium	400		mg/L	0.50	0.35	1	369871	04/28/25	04/28/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	369946	04/29/25	04/29/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	369946	04/29/25	04/29/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	369946	04/29/25	04/29/25	ZST
Acetone	ND		ug/L	100	21	1	369946	04/29/25	04/29/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	369946	04/29/25	04/29/25	ZST
Methylene Chloride	ND		ug/L	5.0	2.4	1	369946	04/29/25	04/29/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	369946	04/29/25	04/29/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	369946	04/29/25	04/29/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	369946	04/29/25	04/29/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	369946	04/29/25	04/29/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST

Analysis Results for 531741

531741-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	369946	04/29/25	04/29/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	369946	04/29/25	04/29/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	369946	04/29/25	04/29/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	369946	04/29/25	04/29/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	369946	04/29/25	04/29/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	369946	04/29/25	04/29/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	369946	04/29/25	04/29/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,4-Dichlorobenzene	0.2	J	ug/L	5.0	0.2	1	369946	04/29/25	04/29/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	369946	04/29/25	04/29/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369946	04/29/25	04/29/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	369946	04/29/25	04/29/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	369946	04/29/25	04/29/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	369946	04/29/25	04/29/25	ZST
Xylene (total)	ND		ug/L	5.0		1	369946	04/29/25	04/29/25	ZST
Surrogates			Limits							
Dibromofluoromethane	111%		%REC	70-130		1	369946	04/29/25	04/29/25	ZST
1,2-Dichloroethane-d4	88%		%REC	70-130		1	369946	04/29/25	04/29/25	ZST
Toluene-d8	106%		%REC	70-130		1	369946	04/29/25	04/29/25	ZST
Bromofluorobenzene	99%		%REC	70-130		1	369946	04/29/25	04/29/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 531741

531741-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.88	1	369774	04/25/25	04/26/25	HQN
Surrogates			Limits							
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	369774	04/25/25	04/26/25	HQN
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	369957	04/29/25	04/29/25	DXA
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	3.9		mg/L	1.0	0.68	1	370311	05/02/25	05/02/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	210		mg/L	5.0		2.5	369916	04/28/25	04/28/25	WWC
Alkalinity, Total as CaCO3	210		mg/L	5.0		2.5	369916	04/28/25	04/28/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	2,400		mg/L	20		2	369929	04/28/25	04/29/25	RDL

Analysis Results for 531741

Sample ID: QCFB
Lab ID: 531741-005
Collected: 04/24/25 12:25
Matrix: Water

531741-005 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	0.6	1	369868	04/28/25	04/28/25	EJB
Freon 12	ND		ug/L	5.0	0.3	1	369868	04/28/25	04/28/25	EJB
Chloromethane	ND		ug/L	5.0	0.4	1	369868	04/28/25	04/28/25	EJB
Vinyl Chloride	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
Bromomethane	ND		ug/L	5.0	0.8	1	369868	04/28/25	04/28/25	EJB
Chloroethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	EJB
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
Acetone	ND		ug/L	100	17	1	369868	04/28/25	04/28/25	EJB
Freon 113	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
Methylene Chloride	5.9		ug/L	5.0	3.5	1	369868	04/28/25	04/28/25	EJB
MTBE	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
1,1-Dichloroethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
2-Butanone	ND		ug/L	100	2.0	1	369868	04/28/25	04/28/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	EJB
Chloroform	0.7	J	ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
Bromochloromethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	EJB
Benzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
Trichloroethene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
Bromodichloromethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
Dibromomethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.4	1	369868	04/28/25	04/28/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
Toluene	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	EJB
1,3-Dichloropropane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	EJB
Tetrachloroethene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
Dibromochloromethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
1,2-Dibromoethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	EJB
Chlorobenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	EJB
Ethylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
m,p-Xylenes	ND		ug/L	10	0.2	1	369868	04/28/25	04/28/25	EJB
o-Xylene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
Styrene	ND		ug/L	5.0	0.08	1	369868	04/28/25	04/28/25	EJB
Bromoform	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	EJB
Isopropylbenzene	ND		ug/L	5.0	0.09	1	369868	04/28/25	04/28/25	EJB

Analysis Results for 531741

531741-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	EJB
Propylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
Bromobenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
sec-Butylbenzene	ND		ug/L	5.0	0.08	1	369868	04/28/25	04/28/25	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	EJB
n-Butylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	1	369868	04/28/25	04/28/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	EJB
Hexachlorobutadiene	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	EJB
Naphthalene	ND		ug/L	5.0	0.3	1	369868	04/28/25	04/28/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	EJB
Xylene (total)	ND		ug/L	5.0		1	369868	04/28/25	04/28/25	EJB
Surrogates	Limits									
Dibromofluoromethane	100%		%REC	70-130		1	369868	04/28/25	04/28/25	EJB
1,2-Dichloroethane-d4	110%		%REC	70-130		1	369868	04/28/25	04/28/25	EJB
Toluene-d8	98%		%REC	70-130		1	369868	04/28/25	04/28/25	EJB
Bromofluorobenzene	99%		%REC	70-130		1	369868	04/28/25	04/28/25	EJB

Analysis Results for 531741

Sample ID: QCTB
Lab ID: 531741-006
Collected: 04/24/25
Matrix: Water

531741-006 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	0.6	1	369868	04/28/25	04/28/25	LYZ
Freon 12	ND		ug/L	5.0	0.3	1	369868	04/28/25	04/28/25	LYZ
Chloromethane	ND		ug/L	5.0	0.4	1	369868	04/28/25	04/28/25	LYZ
Vinyl Chloride	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
Bromomethane	ND		ug/L	5.0	0.8	1	369868	04/28/25	04/28/25	LYZ
Chloroethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	LYZ
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
Acetone	ND		ug/L	100	17	1	369868	04/28/25	04/28/25	LYZ
Freon 113	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
Methylene Chloride	ND		ug/L	5.0	3.5	1	369868	04/28/25	04/28/25	LYZ
MTBE	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
1,1-Dichloroethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
2-Butanone	ND		ug/L	100	2.0	1	369868	04/28/25	04/28/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	LYZ
Chloroform	0.5	J	ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
Bromochloromethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	LYZ
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	LYZ
Benzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
Trichloroethene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
Bromodichloromethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
Dibromomethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	LYZ
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.4	1	369868	04/28/25	04/28/25	LYZ
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
Toluene	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	LYZ
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	LYZ
1,3-Dichloropropane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	LYZ
Tetrachloroethene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
Dibromochloromethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
1,2-Dibromoethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	LYZ
Chlorobenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	LYZ
Ethylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
m,p-Xylenes	ND		ug/L	10	0.2	1	369868	04/28/25	04/28/25	LYZ
o-Xylene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
Styrene	ND		ug/L	5.0	0.08	1	369868	04/28/25	04/28/25	LYZ
Bromoform	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	LYZ
Isopropylbenzene	ND		ug/L	5.0	0.09	1	369868	04/28/25	04/28/25	LYZ

Analysis Results for 531741

531741-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	LYZ
Propylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
Bromobenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
sec-Butylbenzene	ND		ug/L	5.0	0.08	1	369868	04/28/25	04/28/25	LYZ
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	LYZ
n-Butylbenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	1	369868	04/28/25	04/28/25	LYZ
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	LYZ
Hexachlorobutadiene	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	LYZ
Naphthalene	ND		ug/L	5.0	0.3	1	369868	04/28/25	04/28/25	LYZ
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.1	1	369868	04/28/25	04/28/25	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	369868	04/28/25	04/28/25	LYZ
Xylene (total)	ND		ug/L	5.0		1	369868	04/28/25	04/28/25	LYZ
Surrogates	Limits									
Dibromofluoromethane	99%		%REC	70-130		1	369868	04/28/25	04/28/25	LYZ
1,2-Dichloroethane-d4	109%		%REC	70-130		1	369868	04/28/25	04/28/25	LYZ
Toluene-d8	98%		%REC	70-130		1	369868	04/28/25	04/28/25	LYZ
Bromofluorobenzene	100%		%REC	70-130		1	369868	04/28/25	04/28/25	LYZ

J Estimated value
ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1251964	Batch: 369758
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1251964 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.034	04/25/25 15:16	04/25/25 16:42
Chloride	ND		mg/L	1.0	0.27	04/25/25 15:16	04/25/25 16:42
Bromide	ND		mg/L	0.30	0.060	04/25/25 15:16	04/25/25 16:42
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	04/25/25 15:16	04/25/25 16:42
Sulfate	ND		mg/L	1.0	0.18	04/25/25 15:16	04/25/25 16:42

Type: Lab Control Sample	Lab ID: QC1251965	Batch: 369758
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1251965 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.333	10.00	mg/L	93%		90-110
Chloride	47.73	50.00	mg/L	95%		90-110
Bromide	15.05	15.00	mg/L	100%		90-110
Nitrogen, Nitrate	4.572	4.518	mg/L	101%		90-110
Sulfate	24.75	25.00	mg/L	99%		90-110

Type: Matrix Spike	Lab ID: QC1251967	Batch: 369758
Matrix (Source ID): Water (531761-001)	Method: EPA 300.0	Prep Method: METHOD

QC1251967 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	20.55	0.3217	20.00	mg/L	101%		80-120	1
Chloride	156.9	57.00	100.0	mg/L	100%		80-120	1
Bromide	15.36	0.2919	15.00	mg/L	100%		80-120	1
Nitrogen, Nitrate	9.207	ND	9.036	mg/L	102%		80-120	1
Sulfate	258.7	212.8	50.00	mg/L	92%	E,NM	80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1251968	Batch: 369758
Matrix (Source ID): Water (531761-001)	Method: EPA 300.0	Prep Method: METHOD

QC1251968 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	20.93	0.3217	20.00	mg/L	103%		80-120	2	20	1
Chloride	158.5	57.00	100.0	mg/L	102%		80-120	1	20	1
Bromide	15.57	0.2919	15.00	mg/L	102%		80-120	1	20	1
Nitrogen, Nitrate	9.337	ND	9.036	mg/L	103%		80-120	1	20	1
Sulfate	259.7	212.8	50.00	mg/L	94%	E,NM	80-120		20	1

Batch QC

Type: Matrix Spike	Lab ID: QC1252000	Batch: 369758
Matrix (Source ID): Water (531725-002)	Method: EPA 300.0	Prep Method: METHOD

QC1252000 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	20.25	0.09015	20.00	mg/L	101%		80-120	1
Chloride	114.2	9.169	100.0	mg/L	105%		80-120	1
Bromide	15.40	ND	15.00	mg/L	103%		80-120	1
Nitrogen, Nitrate	10.83	1.474	9.036	mg/L	103%		80-120	1
Sulfate	62.42	11.21	50.00	mg/L	102%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1252001	Batch: 369758
Matrix (Source ID): Water (531725-002)	Method: EPA 300.0	Prep Method: METHOD

QC1252001 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	19.80	0.09015	20.00	mg/L	99%		80-120	2	20	1
Chloride	111.9	9.169	100.0	mg/L	103%		80-120	2	20	1
Bromide	15.09	ND	15.00	mg/L	101%		80-120	2	20	1
Nitrogen, Nitrate	10.61	1.474	9.036	mg/L	101%		80-120	2	20	1
Sulfate	60.90	11.21	50.00	mg/L	99%		80-120	2	20	1

Type: Lab Control Sample	Lab ID: QC1252112	Batch: 369796
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1252112 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9015	1.000	mg/L	90%		90-110

Type: Blank	Lab ID: QC1252113	Batch: 369796
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1252113 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	04/26/25	04/28/25

Type: Matrix Spike	Lab ID: QC1252165	Batch: 369796
Matrix (Source ID): Water (531645-002)	Method: EPA 350.1	Prep Method: METHOD

QC1252165 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9785	ND	1.000	mg/L	98%		90-110	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1252166	Batch: 369796
Matrix (Source ID): Water (531645-002)	Method: EPA 350.1	Prep Method: METHOD

QC1252166 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9414	ND	1.000	mg/L	94%		90-110	4	20	1

Type: Matrix Spike	Lab ID: QC1252167	Batch: 369796
Matrix (Source ID): Water (531645-003)	Method: EPA 350.1	Prep Method: METHOD

QC1252167 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9820	ND	1.000	mg/L	98%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1252168	Batch: 369796
Matrix (Source ID): Water (531645-003)	Method: EPA 350.1	Prep Method: METHOD

QC1252168 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9592	ND	1.000	mg/L	96%		90-110	2	20	1

Type: Blank	Lab ID: QC1253686	Batch: 370263
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1253686 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	05/01/25	05/01/25

Type: Lab Control Sample	Lab ID: QC1253687	Batch: 370263
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1253687 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	99.00	100.0	mg/L	99%		90-110

Type: Matrix Spike	Lab ID: QC1253688	Batch: 370263
Matrix (Source ID): Water (531741-001)	Method: EPA 410.4	Prep Method: METHOD

QC1253688 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	94.00	ND	100.0	mg/L	94%		75-125	2

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1253689	Batch: 370263
Matrix (Source ID): Water (531741-001)	Method: EPA 410.4	Prep Method: METHOD

QC1253689 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	94.00	ND	100.0	mg/L	94%		75-125	0	20	2

Type: Matrix Spike	Lab ID: QC1253690	Batch: 370263
Matrix (Source ID): Water (531889-001)	Method: EPA 410.4	Prep Method: METHOD

QC1253690 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	128.0	29.00	100.0	mg/L	99%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1253691	Batch: 370263
Matrix (Source ID): Water (531889-001)	Method: EPA 410.4	Prep Method: METHOD

QC1253691 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	128.0	29.00	100.0	mg/L	99%		75-125	0	20	2

Type: Blank	Lab ID: QC1252407	Batch: 369871
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1252407 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	04/28/25	04/28/25
Calcium	ND		mg/L	0.57	0.57	04/28/25	04/28/25
Iron	ND		mg/L	0.041	0.041	04/28/25	04/28/25
Magnesium	0.038	J	mg/L	0.10	0.025	04/28/25	04/28/25
Manganese	ND		mg/L	0.010	0.0029	04/28/25	04/28/25
Potassium	ND		mg/L	0.50	0.40	04/28/25	04/28/25
Sodium	ND		mg/L	0.50	0.35	04/28/25	04/28/25

Type: Lab Control Sample	Lab ID: QC1252408	Batch: 369871
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1252408 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3689	0.4000	mg/L	92%		80-120
Calcium	19.11	20.40	mg/L	94%		80-120
Iron	0.3680	0.4000	mg/L	92%		80-120
Magnesium	19.14	20.40	mg/L	94%		80-120
Manganese	0.3736	0.4000	mg/L	93%		80-120
Potassium	21.54	24.00	mg/L	90%		80-120
Sodium	18.53	20.40	mg/L	91%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1252409	Batch: 369871
Matrix (Source ID): Water (531722-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1252409 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	1.378	1.012	0.4000	mg/L	92%		75-125	1
Calcium	87.64	69.88	20.40	mg/L	87%		75-125	1
Iron	2.968	2.643	0.4000	mg/L	81%	NM	75-125	1
Magnesium	57.53	39.29	20.40	mg/L	89%		75-125	1
Manganese	0.8453	0.4825	0.4000	mg/L	91%		75-125	1
Potassium	26.33	3.544	24.00	mg/L	95%		75-125	1
Sodium	487.5	472.8	20.40	mg/L	72%	NM	75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1252410	Batch: 369871
Matrix (Source ID): Water (531722-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1252410 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	1.380	1.012	0.4000	mg/L	92%		75-125	0	20	1
Calcium	87.47	69.88	20.40	mg/L	86%		75-125	0	20	1
Iron	2.969	2.643	0.4000	mg/L	82%	NM	75-125	0	20	1
Magnesium	57.25	39.29	20.40	mg/L	88%		75-125	0	20	1
Manganese	0.8426	0.4825	0.4000	mg/L	90%		75-125	0	20	1
Potassium	26.15	3.544	24.00	mg/L	94%		75-125	1	20	1
Sodium	487.1	472.8	20.40	mg/L	70%	NM	75-125	0	20	1

Type: Serial Dilution	Lab ID: QC1252556	Batch: 369871
Matrix (Source ID): Water (531722-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1252556 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	1.047	1.012	mg/L				5
Calcium	71.50	69.88	mg/L				5
Iron	2.743	2.643	mg/L				5
Magnesium	40.02	39.29	mg/L				5
Manganese	0.5008	0.4825	mg/L				5
Potassium	3.121	3.544	mg/L				5
Sodium	491.5	472.8	mg/L				5

Type: Blank	Lab ID: QC1253129	Batch: 370088
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1253129 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Magnesium	ND		mg/L	0.10	0.025	04/30/25	04/30/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1253130	Batch: 370088
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1253130 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Magnesium	18.52	20.40	mg/L	91%		80-120

Type: Matrix Spike	Lab ID: QC1253131	Batch: 370088
Matrix (Source ID): Water (531741-002)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1253131 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Magnesium	18.59	0.1969	20.40	mg/L	90%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1253132	Batch: 370088
Matrix (Source ID): Water (531741-002)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1253132 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Magnesium	18.74	0.1969	20.40	mg/L	91%		75-125	1	20	1

Batch QC

Type: Blank	Lab ID: QC1252393	Batch: 369868
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1252393 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.6	04/28/25	04/28/25
Freon 12	ND		ug/L	5.0	0.3	04/28/25	04/28/25
Chloromethane	ND		ug/L	5.0	0.4	04/28/25	04/28/25
Vinyl Chloride	ND		ug/L	5.0	0.1	04/28/25	04/28/25
Bromomethane	ND		ug/L	5.0	0.8	04/28/25	04/28/25
Chloroethane	ND		ug/L	5.0	0.2	04/28/25	04/28/25
Trichlorofluoromethane	ND		ug/L	5.0	0.1	04/28/25	04/28/25
Acetone	ND		ug/L	100	17	04/28/25	04/28/25
Freon 113	ND		ug/L	5.0	0.1	04/28/25	04/28/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
Methylene Chloride	ND		ug/L	5.0	3.5	04/28/25	04/28/25
MTBE	ND		ug/L	5.0	0.1	04/28/25	04/28/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
1,1-Dichloroethane	ND		ug/L	5.0	0.1	04/28/25	04/28/25
2-Butanone	ND		ug/L	100	2.0	04/28/25	04/28/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
2,2-Dichloropropane	ND		ug/L	5.0	0.2	04/28/25	04/28/25
Chloroform	ND		ug/L	5.0	0.1	04/28/25	04/28/25
Bromochloromethane	ND		ug/L	5.0	0.2	04/28/25	04/28/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	04/28/25	04/28/25
1,1-Dichloropropene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
Carbon Tetrachloride	ND		ug/L	5.0	0.1	04/28/25	04/28/25
1,2-Dichloroethane	ND		ug/L	5.0	0.2	04/28/25	04/28/25
Benzene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
Trichloroethene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
1,2-Dichloropropane	ND		ug/L	5.0	0.1	04/28/25	04/28/25
Bromodichloromethane	ND		ug/L	5.0	0.1	04/28/25	04/28/25
Dibromomethane	ND		ug/L	5.0	0.2	04/28/25	04/28/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.4	04/28/25	04/28/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
Toluene	ND		ug/L	5.0	0.2	04/28/25	04/28/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	04/28/25	04/28/25
1,3-Dichloropropane	ND		ug/L	5.0	0.2	04/28/25	04/28/25
Tetrachloroethene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
Dibromochloromethane	ND		ug/L	5.0	0.1	04/28/25	04/28/25
1,2-Dibromoethane	ND		ug/L	5.0	0.2	04/28/25	04/28/25
Chlorobenzene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	04/28/25	04/28/25
Ethylbenzene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
m,p-Xylenes	ND		ug/L	10	0.2	04/28/25	04/28/25
o-Xylene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
Styrene	ND		ug/L	5.0	0.08	04/28/25	04/28/25
Bromoform	ND		ug/L	5.0	0.2	04/28/25	04/28/25
Isopropylbenzene	ND		ug/L	5.0	0.09	04/28/25	04/28/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	04/28/25	04/28/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	04/28/25	04/28/25

Batch QC

QC1252393 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
Bromobenzene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
2-Chlorotoluene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
4-Chlorotoluene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
tert-Butylbenzene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
sec-Butylbenzene	ND		ug/L	5.0	0.08	04/28/25	04/28/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	04/28/25	04/28/25
n-Butylbenzene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	04/28/25	04/28/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	04/28/25	04/28/25
Hexachlorobutadiene	ND		ug/L	5.0	0.2	04/28/25	04/28/25
Naphthalene	ND		ug/L	5.0	0.3	04/28/25	04/28/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.1	04/28/25	04/28/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	04/28/25	04/28/25
Xylene (total)	ND		ug/L	5.0		04/28/25	04/28/25
Surrogates	Limits						
Dibromofluoromethane	98%		%REC	70-130		04/28/25	04/28/25
1,2-Dichloroethane-d4	108%		%REC	70-130		04/28/25	04/28/25
Toluene-d8	97%		%REC	70-130		04/28/25	04/28/25
Bromofluorobenzene	102%		%REC	70-130		04/28/25	04/28/25

Type: Lab Control Sample
Matrix: Water

Lab ID: QC1252394
Method: EPA 8260B

Batch: 369868
Prep Method: EPA 5030B

QC1252394 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	56.95	50.00	ug/L	114%		70-135
MTBE	54.06	50.00	ug/L	108%		70-130
Benzene	49.46	50.00	ug/L	99%		70-130
Trichloroethene	49.02	50.00	ug/L	98%		70-130
Toluene	47.89	50.00	ug/L	96%		70-130
Chlorobenzene	46.33	50.00	ug/L	93%		70-130
Surrogates						
Dibromofluoromethane	49.93	50.00	ug/L	100%		70-130
1,2-Dichloroethane-d4	51.92	50.00	ug/L	104%		70-130
Toluene-d8	49.76	50.00	ug/L	100%		70-130
Bromofluorobenzene	51.85	50.00	ug/L	104%		70-130

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1252395	Batch: 369868
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1252395 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	51.50	50.00	ug/L	103%		70-135	10	30
MTBE	56.26	50.00	ug/L	113%		70-130	4	30
Benzene	49.07	50.00	ug/L	98%		70-130	1	30
Trichloroethene	48.35	50.00	ug/L	97%		70-130	1	30
Toluene	47.25	50.00	ug/L	95%		70-130	1	30
Chlorobenzene	45.48	50.00	ug/L	91%		70-130	2	30
Surrogates								
Dibromofluoromethane	49.30	50.00	ug/L	99%		70-130		
1,2-Dichloroethane-d4	52.17	50.00	ug/L	104%		70-130		
Toluene-d8	49.52	50.00	ug/L	99%		70-130		
Bromofluorobenzene	51.69	50.00	ug/L	103%		70-130		

Type: Matrix Spike	Lab ID: QC1252443	Batch: 369868
Matrix (Source ID): Water (531645-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1252443 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	16.58	ND	20.00	ug/L	83%		70-130	1
MTBE	16.76	ND	20.00	ug/L	84%		75-130	1
Benzene	16.14	ND	20.00	ug/L	81%		70-130	1
Trichloroethene	17.33	ND	20.00	ug/L	87%		63-130	1
Toluene	16.46	ND	20.00	ug/L	82%		70-130	1
Chlorobenzene	16.17	ND	20.00	ug/L	81%		70-130	1
Surrogates								
Dibromofluoromethane	44.94		50.00	ug/L	90%		70-130	1
1,2-Dichloroethane-d4	48.75		50.00	ug/L	97%		70-130	1
Toluene-d8	50.89		50.00	ug/L	102%		70-130	1
Bromofluorobenzene	50.68		50.00	ug/L	101%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1252444	Batch: 369868
Matrix (Source ID): Water (531645-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1252444 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	16.47	ND	20.00	ug/L	82%		70-130	1	30	1
MTBE	17.28	ND	20.00	ug/L	86%		75-130	3	30	1
Benzene	17.14	ND	20.00	ug/L	86%		70-130	6	30	1
Trichloroethene	17.92	ND	20.00	ug/L	90%		63-130	3	30	1
Toluene	16.46	ND	20.00	ug/L	82%		70-130	0	30	1
Chlorobenzene	16.39	ND	20.00	ug/L	82%		70-130	1	30	1
Surrogates										
Dibromofluoromethane	48.35		50.00	ug/L	97%		70-130			1
1,2-Dichloroethane-d4	55.51		50.00	ug/L	111%		70-130			1
Toluene-d8	48.77		50.00	ug/L	98%		70-130			1
Bromofluorobenzene	51.58		50.00	ug/L	103%		70-130			1

Type: Lab Control Sample	Lab ID: QC1252682	Batch: 369946
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1252682 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	40.10	50.00	ug/L	80%		70-135
MTBE	43.98	50.00	ug/L	88%		70-130
Benzene	43.70	50.00	ug/L	87%		70-130
Trichloroethene	52.17	50.00	ug/L	104%		70-130
Toluene	49.44	50.00	ug/L	99%		70-130
Chlorobenzene	52.25	50.00	ug/L	104%		70-130
Surrogates						
Dibromofluoromethane	54.76	50.00	ug/L	110%		70-130
1,2-Dichloroethane-d4	42.68	50.00	ug/L	85%		70-130
Toluene-d8	54.03	50.00	ug/L	108%		70-130
Bromofluorobenzene	48.75	50.00	ug/L	97%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1252683	Batch: 369946
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1252683 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	40.58	50.00	ug/L	81%		70-135	1	30
MTBE	44.81	50.00	ug/L	90%		70-130	2	30
Benzene	43.27	50.00	ug/L	87%		70-130	1	30
Trichloroethene	52.18	50.00	ug/L	104%		70-130	0	30
Toluene	48.74	50.00	ug/L	97%		70-130	1	30
Chlorobenzene	51.43	50.00	ug/L	103%		70-130	2	30
Surrogates								
Dibromofluoromethane	55.05	50.00	ug/L	110%		70-130		
1,2-Dichloroethane-d4	42.38	50.00	ug/L	85%		70-130		
Toluene-d8	52.93	50.00	ug/L	106%		70-130		
Bromofluorobenzene	47.57	50.00	ug/L	95%		70-130		

Batch QC

Type: Blank	Lab ID: QC1252687	Batch: 369946
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1252687 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.5	04/29/25	04/29/25
Freon 12	ND		ug/L	5.0	0.2	04/29/25	04/29/25
Chloromethane	ND		ug/L	5.0	0.3	04/29/25	04/29/25
Vinyl Chloride	ND		ug/L	5.0	0.1	04/29/25	04/29/25
Bromomethane	ND		ug/L	5.0	0.4	04/29/25	04/29/25
Chloroethane	ND		ug/L	5.0	0.3	04/29/25	04/29/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	04/29/25	04/29/25
Acetone	ND		ug/L	100	21	04/29/25	04/29/25
Freon 113	ND		ug/L	5.0	0.1	04/29/25	04/29/25
1,1-Dichloroethene	ND		ug/L	5.0	0.08	04/29/25	04/29/25
Methylene Chloride	ND		ug/L	5.0	2.4	04/29/25	04/29/25
MTBE	ND		ug/L	5.0	0.09	04/29/25	04/29/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	04/29/25	04/29/25
1,1-Dichloroethane	ND		ug/L	5.0	0.09	04/29/25	04/29/25
2-Butanone	ND		ug/L	100	1.7	04/29/25	04/29/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	04/29/25	04/29/25
2,2-Dichloropropane	ND		ug/L	5.0	0.1	04/29/25	04/29/25
Chloroform	ND		ug/L	5.0	0.1	04/29/25	04/29/25
Bromochloromethane	ND		ug/L	5.0	0.2	04/29/25	04/29/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	04/29/25	04/29/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	04/29/25	04/29/25
Carbon Tetrachloride	ND		ug/L	5.0	0.1	04/29/25	04/29/25
1,2-Dichloroethane	ND		ug/L	5.0	0.2	04/29/25	04/29/25
Benzene	ND		ug/L	5.0	0.1	04/29/25	04/29/25
Trichloroethene	ND		ug/L	5.0	0.2	04/29/25	04/29/25
1,2-Dichloropropane	ND		ug/L	5.0	0.1	04/29/25	04/29/25
Bromodichloromethane	ND		ug/L	5.0	0.08	04/29/25	04/29/25
Dibromomethane	ND		ug/L	5.0	0.2	04/29/25	04/29/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	04/29/25	04/29/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	04/29/25	04/29/25
Toluene	ND		ug/L	5.0	0.1	04/29/25	04/29/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	04/29/25	04/29/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	04/29/25	04/29/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	04/29/25	04/29/25
Tetrachloroethene	ND		ug/L	5.0	0.09	04/29/25	04/29/25
Dibromochloromethane	ND		ug/L	5.0	0.1	04/29/25	04/29/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	04/29/25	04/29/25
Chlorobenzene	ND		ug/L	5.0	0.09	04/29/25	04/29/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	04/29/25	04/29/25
Ethylbenzene	ND		ug/L	5.0	0.1	04/29/25	04/29/25
m,p-Xylenes	ND		ug/L	10	0.2	04/29/25	04/29/25
o-Xylene	ND		ug/L	5.0	0.1	04/29/25	04/29/25
Styrene	ND		ug/L	5.0	0.1	04/29/25	04/29/25
Bromoform	ND		ug/L	5.0	0.2	04/29/25	04/29/25
Isopropylbenzene	ND		ug/L	5.0	0.1	04/29/25	04/29/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	04/29/25	04/29/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	04/29/25	04/29/25

Batch QC

QC1252687 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.2	04/29/25	04/29/25
Bromobenzene	ND		ug/L	5.0	0.1	04/29/25	04/29/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	04/29/25	04/29/25
2-Chlorotoluene	ND		ug/L	5.0	0.1	04/29/25	04/29/25
4-Chlorotoluene	ND		ug/L	5.0	0.1	04/29/25	04/29/25
tert-Butylbenzene	ND		ug/L	5.0	0.2	04/29/25	04/29/25
1,2,4-Trimethylbenzene	0.2	J	ug/L	5.0	0.2	04/29/25	04/29/25
sec-Butylbenzene	ND		ug/L	5.0	0.2	04/29/25	04/29/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	04/29/25	04/29/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	04/29/25	04/29/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	04/29/25	04/29/25
n-Butylbenzene	ND		ug/L	5.0	0.4	04/29/25	04/29/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	04/29/25	04/29/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	04/29/25	04/29/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	04/29/25	04/29/25
Hexachlorobutadiene	ND		ug/L	5.0	0.4	04/29/25	04/29/25
Naphthalene	ND		ug/L	5.0	0.3	04/29/25	04/29/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	04/29/25	04/29/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	04/29/25	04/29/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	04/29/25	04/29/25
Xylene (total)	ND		ug/L	5.0		04/29/25	04/29/25
Surrogates				Limits			
Dibromofluoromethane	110%		%REC	70-130		04/29/25	04/29/25
1,2-Dichloroethane-d4	85%		%REC	70-130		04/29/25	04/29/25
Toluene-d8	109%		%REC	70-130		04/29/25	04/29/25
Bromofluorobenzene	100%		%REC	70-130		04/29/25	04/29/25

Type: Matrix Spike	Lab ID: QC1252764	Batch: 369946
Matrix (Source ID): Water (531477-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1252764 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	106.3	ND	200.0	ug/L	53%	*	70-130	10
MTBE	112.0	ND	200.0	ug/L	56%	*	75-130	10
Benzene	117.9	ND	200.0	ug/L	59%	*	70-130	10
Trichloroethene	153.3	ND	200.0	ug/L	77%		63-130	10
Toluene	140.0	ND	200.0	ug/L	70%		70-130	10
Chlorobenzene	171.2	32.82	200.0	ug/L	69%	*	70-130	10
Surrogates								
Dibromofluoromethane	536.6		500.0	ug/L	107%		70-130	10
1,2-Dichloroethane-d4	415.9		500.0	ug/L	83%		70-130	10
Toluene-d8	540.1		500.0	ug/L	108%		70-130	10
Bromofluorobenzene	488.8		500.0	ug/L	98%		70-130	10

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1252765	Batch: 369946
Matrix (Source ID): Water (531477-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1252765 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	109.5	ND	200.0	ug/L	55%	*	70-130	3	30	10
MTBE	117.4	ND	200.0	ug/L	59%	*	75-130	5	30	10
Benzene	123.4	ND	200.0	ug/L	62%	*	70-130	5	30	10
Trichloroethene	162.7	ND	200.0	ug/L	81%		63-130	6	30	10
Toluene	148.3	ND	200.0	ug/L	74%		70-130	6	30	10
Chlorobenzene	183.6	32.82	200.0	ug/L	75%		70-130	7	30	10
Surrogates										
Dibromofluoromethane	541.3		500.0	ug/L	108%		70-130			10
1,2-Dichloroethane-d4	405.3		500.0	ug/L	81%		70-130			10
Toluene-d8	540.8		500.0	ug/L	108%		70-130			10
Bromofluorobenzene	489.3		500.0	ug/L	98%		70-130			10

Type: Blank	Lab ID: QC1252036	Batch: 369774
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1252036 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.88	04/25/25	04/26/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		04/25/25	04/26/25

Type: Lab Control Sample	Lab ID: QC1252038	Batch: 369774
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1252038 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	8.756	10.00	ug/L	88%		80-120
Surrogates						
1,4-Dioxane-d8 (SUR)	9.867	10.00	ug/L	99%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1252039	Batch: 369774
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1252039 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	8.890	10.00	ug/L	89%		80-120	2	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.08	10.00	ug/L	101%		80-120		

Type: Blank	Lab ID: QC1252726	Batch: 369957
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1252726 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		04/29/25	04/29/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1252727	Batch: 369957
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1252727 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	1.000	1.000	mg/L	100%		90-110

Type: Matrix Spike	Lab ID: QC1252728	Batch: 369957
Matrix (Source ID): Water (531597-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1252728 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	1.000	ND	1.000	mg/L	100%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1252729	Batch: 369957
Matrix (Source ID): Water (531597-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1252729 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Sulfide	1.000	ND	1.000	mg/L	100%		80-120	0	20	1

Type: Blank	Lab ID: QC1253899	Batch: 370311
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1253899 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.68	05/02/25	05/02/25

Type: Lab Control Sample	Lab ID: QC1253900	Batch: 370311
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1253900 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	23.65	25.00	mg/L	95%		85-115

Type: Matrix Spike	Lab ID: QC1253901	Batch: 370311
Matrix (Source ID): Water (531741-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1253901 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	27.34	1.522	25.00	mg/L	103%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1253902	Batch: 370311
Matrix (Source ID): Water (531741-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1253902 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Total Organic Carbon	27.35	1.522	25.00	mg/L	103%		75-125	0	25	1

Batch QC

Type: Blank	Lab ID: QC1252539	Batch: 369916
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1252539 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		04/28/25	04/28/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		04/28/25	04/28/25

Type: Lab Control Sample	Lab ID: QC1252540	Batch: 369916
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1252540 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	1,008	1000	mg/L	101%		90-110

Type: Sample Duplicate	Lab ID: QC1252541	Batch: 369916
Matrix (Source ID): Water (531741-004)	Method: SM2320B	Prep Method: METHOD

QC1252541 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	203.7	207.6	mg/L		2	20	2.5
Alkalinity, Total as CaCO ₃	203.7	207.6	mg/L		2	20	2.5

Type: Blank	Lab ID: QC1252600	Batch: 369929
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1252600 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		04/28/25	04/29/25

Type: Lab Control Sample	Lab ID: QC1252601	Batch: 369929
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1252601 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,040	1000	mg/L	104%		90-110

Type: Sample Duplicate	Lab ID: QC1252602	Batch: 369929
Matrix (Source ID): Water (531819-001)	Method: SM2540C	Prep Method: METHOD

QC1252602 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	410.0	404.0	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 531741

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2504M21

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-531741

Project Location:

Project Received: 04/29/2025

Analytical Report reviewed & approved for release on 05/01/2025 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:** 2504M21**Project:** EO-531741

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: 2504M21

Project: EO-531741

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: 04/29/2025 11:04
Date Prepared: 04/30/2025
Project: EO-531741

WorkOrder: 2504M21
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	2504M21-001A	Water	04/24/2025 08:57	GC26 0430250905.D	316493

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	510	50	50	1	04/30/2025 11:33

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-14	2504M21-002A	Water	04/24/2025 10:27	GC26 0430250907.D	316493

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	590	50	50	1	04/30/2025 12:02

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-30	2504M21-003A	Water	04/24/2025 11:34	GC26 0430250910.D	316493

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	3400	200	200	4	04/30/2025 13:51

Analyst(s): CLO

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 04/29/2025 11:04
Date Prepared: 04/30/2025
Project: EO-531741

WorkOrder: 2504M21
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	2504M21-004A	Water	04/24/2025 12:23	GC26 0430250914.D	316493

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	14,000	500	500	10	04/30/2025 14:52

Analyst(s): CLO



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 04/30/2025
Date Analyzed: 04/30/2025
Instrument: GC26
Matrix: Water
Project: EO-531741

WorkOrder: 2504M21
BatchID: 316493
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-316493

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	73	71	70-130	2.39	30

McC Campbell Analytical, Inc.



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Pittsburg, CA 94565-1701
(925) 252-9262

☐ WaterTrax ☐ CLIP ☐ EDF

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2504M21

ClientCode: ENO

QuoteID: 243367

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

Report to:

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Email: zach.barker@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 079649
Project: EO-531741

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: 04/29/2025

Date Logged: 04/29/2025

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2504M21-001	DW-17	Water	4/24/2025 08:57	☐	A	A										
2504M21-002	DW-14	Water	4/24/2025 10:27	☐	A	A										
2504M21-003	DW-30	Water	4/24/2025 11:34	☐	A	A										
2504M21-004	DW-15	Water	4/24/2025 12:23	☐	A	A										

Test Legend:

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

Project Manager: Yen Cao

Prepared by: Carolina Garcia

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-531741

Work Order: 2504M21

Client Contact: Zach Barker

QC Level: LEVEL 2

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

Comments:

Date Logged: 4/29/2025

☐ 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)	2	VOA, Unpres	☐	☐	☐	4/24/2025 8:57	5 days	5/6/2025	Trace	☐	☐
002A	DW-14	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	4/24/2025 10:27	5 days	5/6/2025	Present	☐	☐
003A	DW-30	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	4/24/2025 11:34	5 days	5/6/2025		☐	☐
004A	DW-15	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	4/24/2025 12:23	5 days	5/6/2025		☐	☐

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

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

25041120
25041121

Subcontract Laboratory:

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

Enthalpy Order: EO-531741

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

Results Due: Hold Time RUSH - collected
4/24/25

Report Level: II

Report To: MDL

EDDs: Standard Excel EDD

HOLD TIME RUSH

Notes:

Chiquita Canyon Landfill - Hold Time RUSH - collected 4/24/25

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-17	24-APR-2025 08:57	531741-001	2	Water	RSK-175 CO2	Hold Time RUSH - collected 4/24/25
DW-14	24-APR-2025 10:27	531741-002	2	Water	RSK-175 CO2	Hold Time RUSH - collected 4/24/25
DW-30	24-APR-2025 11:34	531741-003	2	Water	RSK-175 CO2	Hold Time RUSH - collected 4/24/25
DW-15	24-APR-2025 12:23	531741-004	2	Water	RSK-175 CO2	Hold Time RUSH - collected 4/24/25

Notes:	Relinquished By:	Received By:
	<i>J. Dominguez EA-ORA</i>	<i>Carla</i>
	Date: <i>4/28/25 1430</i>	Date: <i>4/29/25 1430 1104</i>
	Date:	Date:
	Date:	Date:

GIS: 5629143407

2.7 Wet 1K45



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-531741

Date and Time Received: 4/29/2025 11:04

Date Logged: 4/29/2025

Received by:

Logged by: Carolina Garcia

WorkOrder No: 2504M21 Matrix:
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 ☐

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: 2.7°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:



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

enthalpy.com

Lab Job Number : 531889
Report Level : II
Report Date : 05/13/2025

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, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

Sample Summary

Steve Cassulo	Lab Job #:	531889
Waste Connections	Project No:	GW MONITORING
Chiquita Canyon Landfill	Location:	Chiquita Canyon Landfill - Quarterly MPars
29201 Henry Mayo	Date Received:	04/28/25
Drive		
Castaic, CA 91384		

Sample ID	Lab ID	Collected	Matrix
DW-31	531889-001	04/28/25 09:12	Water
DW-1	531889-002	04/28/25 10:09	Water
DW-16	531889-003	04/28/25 11:08	Water
DW-3	531889-004	04/28/25 12:03	Water
QCFB	531889-005	04/28/25 09:14	Water
QCTB	531889-006	04/28/25 00:00	Water

Case Narrative

Waste Connections	Lab Job Number: 531889
Chiquita Canyon Landfill	Project No: GW MONITORING
29201 Henry Mayo Drive	Location: Chiquita Canyon Landfill - Quarterly
Castaic, CA 91384	MPars
Steve Cassulo	Date Received: 04/28/25

This data package contains sample and QC results for six water samples, requested for the above referenced project on 04/29/25. The samples were received cold and intact.

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

- Low recoveries were observed for many analytes in the MS/MSD of DW-31 (lab # 531889-001); the BS/BSD were within limits, and the associated RPDs were within limits.
- 1,2,4-trimethylbenzene was detected between the MDL and the RL in the method blank for batch 370081; 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):

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.

ENTHALPY ANALYTICAL

Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Chain of Custody Record

Lab No: 531889

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

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:	Name:	Number:	P.O. #:	Address:	Global ID:	Sampled By:	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	1,4-Dioxane (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	
Chiquita Canyon Landfill	Steve Cassulo	661-257-3655			L10003464243	Paul Chang															
Report To:	Steven.Cassulo@wasteconnections.com																				
Email:																					
Address:	29201 Henry Mayo Drive																				
	Castaic, CA, 91384																				
Phone:	661-257-3655																				
Fax:																					
1	DW-31	4/28/25	912	W	13	var.															
2	DW-1		1009																		
3	DW-16		1108																		
4	DW-3		1203																		
5	QGFB		914																		
6	QCTB																				
7																					
8																					
9																					
10																					

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



Login 531889



Signature	Print Name	Company / Title	Date / Time
	Paul Chang	CEI	4/28/25 1405
	Hray B.	EA-TH	4/28/25 1405
	Hray B.	EA-TH	4/29/25 1045
	Nicole Mendez	EA	4/29/25 1105
	Nicole Mendez	EA	4/29/25 1130
	Nicole Mendez	EA	4/29/25 1130

Date Received: 4/29/25 WO# 531889 Client: Waste Connections

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 4/29/25 By (initials) RRS 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: 10.0

Cooler Temp (°C) #1: 2.5 / 2.5 #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?

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 4/28/25 By (print) ABD (sign) ABD

Date Labeled 4/29/25 By (print) EA-OR (sign) _____

Analysis Results for 531889

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

Lab Job #: 531889
Project No: GW MONITORING
Location: Chiquita Canyon Landfill - Quarterly MPars
Date Received: 04/28/25

Sample ID: DW-31

Lab ID: 531889-001

Collected: 04/28/25 09:12

Matrix: Water

531889-001 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	0.034	1	370000	04/29/25 13:30	04/29/25 17:16	AJL
Chloride	100		mg/L	1.0	0.27	1	370000	04/29/25 13:30	04/29/25 17:16	AJL
Bromide	0.52		mg/L	0.30	0.060	1	370000	04/29/25 13:30	04/29/25 17:16	AJL
Nitrogen, Nitrate	0.76		mg/L	0.10	0.05	1	370000	04/29/25 13:30	04/29/25 17:16	AJL
Sulfate	430		mg/L	10	1.8	10	370000	04/29/25 13:30	04/29/25 17:37	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	0.057	J	mg/L	0.10	0.050	1	370322	05/02/25	05/05/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	29		mg/L	4.0	2.0	1	370263	05/01/25	05/01/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.59		mg/L	0.050	0.0055	1	370016	04/29/25	04/29/25	CAP
Calcium	200		mg/L	0.57	0.57	1	370016	04/29/25	04/29/25	CAP
Iron	0.13		mg/L	0.046	0.046	1	370016	04/29/25	04/29/25	CAP
Magnesium	37		mg/L	0.10	0.025	1	370016	04/29/25	04/29/25	CAP
Manganese	0.15		mg/L	0.010	0.0029	1	370016	04/29/25	04/29/25	CAP
Potassium	1.5		mg/L	0.50	0.40	1	370016	04/29/25	04/29/25	CAP
Sodium	120		mg/L	0.50	0.35	1	370016	04/29/25	04/29/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	370081	04/30/25	04/30/25	HMN
Freon 12	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	HMN
Chloromethane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	HMN
Vinyl Chloride	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
Bromomethane	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	HMN
Chloroethane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	HMN
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	HMN
Acetone	ND		ug/L	100	21	1	370081	04/30/25	04/30/25	HMN
Freon 113	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	HMN
Methylene Chloride	ND		ug/L	5.0	2.4	1	370081	04/30/25	04/30/25	HMN
MTBE	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	HMN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	HMN
2-Butanone	ND		ug/L	100	1.7	1	370081	04/30/25	04/30/25	HMN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	HMN
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
Chloroform	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN

Analysis Results for 531889

531889-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	HMN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	HMN
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	HMN
Benzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
Trichloroethene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	HMN
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
Bromodichloromethane	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	HMN
Dibromomethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	HMN
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	370081	04/30/25	04/30/25	HMN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	370081	04/30/25	04/30/25	HMN
Toluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	HMN
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
Tetrachloroethene	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	HMN
Dibromochloromethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	370081	04/30/25	04/30/25	HMN
Chlorobenzene	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	HMN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
Ethylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
m,p-Xylenes	ND		ug/L	10	0.2	1	370081	04/30/25	04/30/25	HMN
o-Xylene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
Styrene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
Bromoform	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	HMN
Isopropylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	HMN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	HMN
Propylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	HMN
Bromobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	HMN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	HMN
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	HMN
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	HMN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	HMN
n-Butylbenzene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	HMN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	HMN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	HMN
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	HMN
Naphthalene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	HMN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	HMN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	HMN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	HMN
Xylene (total)	ND		ug/L	5.0		1	370081	04/30/25	04/30/25	HMN
Surrogates				Limits						
Dibromofluoromethane	107%		%REC	70-130		1	370081	04/30/25	04/30/25	HMN

Analysis Results for 531889

531889-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	84%		%REC	70-130		1	370081	04/30/25	04/30/25	HMN
Toluene-d8	108%		%REC	70-130		1	370081	04/30/25	04/30/25	HMN
Bromofluorobenzene	99%		%REC	70-130		1	370081	04/30/25	04/30/25	HMN
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	6.0		ug/L	1.0	0.95	1	370366	05/02/25	05/05/25	TJW
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	104%		%REC	80-120		1	370366	05/02/25	05/05/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	370312	05/02/25	05/02/25	DXA
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	14		mg/L	1.0	0.68	1	370311	05/02/25	05/02/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	490		mg/L	10		5	370049	04/29/25	04/29/25	WWC
Alkalinity, Total as CaCO3	490		mg/L	10		5	370049	04/29/25	04/29/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,300		mg/L	20		2	370153	04/30/25	05/01/25	RDL

Analysis Results for 531889

Sample ID: DW-1
Lab ID: 531889-002
Collected: 04/28/25 10:09
Matrix: Water

531889-002 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	0.034	1	370000	04/29/25 13:30	04/29/25 18:39	AJL
Chloride	120		mg/L	1.0	0.27	1	370000	04/29/25 13:30	04/29/25 18:39	AJL
Bromide	0.29	J	mg/L	0.30	0.060	1	370000	04/29/25 13:30	04/29/25 18:39	AJL
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	370000	04/29/25 13:30	04/29/25 18:39	AJL
Sulfate	390		mg/L	10	1.8	10	370000	04/29/25 13:30	04/29/25 18:59	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	370322	05/02/25	05/05/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	2.0	J	mg/L	4.0	2.0	1	370263	05/01/25	05/01/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.21		mg/L	0.050	0.0055	1	370016	04/29/25	04/29/25	CAP
Calcium	57		mg/L	0.57	0.57	1	370016	04/29/25	04/29/25	CAP
Iron	ND		mg/L	0.046	0.046	1	370016	04/29/25	04/29/25	CAP
Magnesium	11		mg/L	0.10	0.025	1	370016	04/29/25	04/29/25	CAP
Manganese	0.049		mg/L	0.010	0.0029	1	370016	04/29/25	04/29/25	CAP
Potassium	2.5		mg/L	0.50	0.40	1	370016	04/29/25	04/29/25	CAP
Sodium	210		mg/L	0.50	0.35	1	370016	04/29/25	04/29/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	370081	04/30/25	04/30/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Acetone	ND		ug/L	100	21	1	370081	04/30/25	04/30/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Methylene Chloride	ND		ug/L	5.0	2.4	1	370081	04/30/25	04/30/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	370081	04/30/25	04/30/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST

Analysis Results for 531889

531889-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	370081	04/30/25	04/30/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	370081	04/30/25	04/30/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Tetrachloroethene	0.2	J	ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	370081	04/30/25	04/30/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	370081	04/30/25	04/30/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Xylene (total)	ND		ug/L	5.0		1	370081	04/30/25	04/30/25	ZST
Surrogates			Limits							
Dibromofluoromethane	107%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST
1,2-Dichloroethane-d4	85%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST
Toluene-d8	108%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST
Bromofluorobenzene	100%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 531889

531889-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	370366	05/02/25	05/05/25	TJW
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	98%		%REC	80-120		1	370366	05/02/25	05/05/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	370312	05/02/25	05/02/25	DXA
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	370311	05/02/25	05/02/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	220		mg/L	10		5	370049	04/29/25	04/29/25	WWC
Alkalinity, Total as CaCO3	220		mg/L	10		5	370049	04/29/25	04/29/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	860		mg/L	20		2	370153	04/30/25	05/01/25	RDL

Analysis Results for 531889

Sample ID: DW-16
Lab ID: 531889-003
Collected: 04/28/25 11:08
Matrix: Water

531889-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.39		mg/L	0.20	0.034	1	370000	04/29/25 13:30	04/29/25 19:20	AJL
Chloride	110		mg/L	1.0	0.27	1	370000	04/29/25 13:30	04/29/25 19:20	AJL
Bromide	0.24	J	mg/L	0.30	0.060	1	370000	04/29/25 13:30	04/29/25 19:20	AJL
Nitrogen, Nitrate	2.2		mg/L	0.10	0.05	1	370000	04/29/25 13:30	04/29/25 19:20	AJL
Sulfate	190		mg/L	10	1.8	10	370000	04/29/25 13:30	04/29/25 19:40	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	370322	05/02/25	05/05/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	4.0		mg/L	4.0	2.0	1	370263	05/01/25	05/01/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.13		mg/L	0.050	0.0055	1	370016	04/29/25	04/29/25	CAP
Calcium	6.5		mg/L	0.57	0.57	1	370016	04/29/25	04/29/25	CAP
Iron	ND		mg/L	0.046	0.046	1	370016	04/29/25	04/29/25	CAP
Magnesium	0.39		mg/L	0.10	0.025	1	370016	04/29/25	04/29/25	CAP
Manganese	ND		mg/L	0.010	0.0029	1	370016	04/29/25	04/29/25	CAP
Potassium	0.83		mg/L	0.50	0.40	1	370016	04/29/25	04/29/25	CAP
Sodium	230		mg/L	0.50	0.35	1	370016	04/29/25	04/29/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	370081	04/30/25	04/30/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Trichlorofluoromethane	0.09	J	ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Acetone	ND		ug/L	100	21	1	370081	04/30/25	04/30/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Methylene Chloride	ND		ug/L	5.0	2.4	1	370081	04/30/25	04/30/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1-Dichloroethane	0.9	J	ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	370081	04/30/25	04/30/25	ZST
cis-1,2-Dichloroethene	0.6	J	ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Chloroform	0.3	J	ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST

Analysis Results for 531889

531889-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	0.2	J	ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Trichloroethene	0.7	J	ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	370081	04/30/25	04/30/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	370081	04/30/25	04/30/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Tetrachloroethene	0.6	J	ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	370081	04/30/25	04/30/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	370081	04/30/25	04/30/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,4-Dichlorobenzene	0.3	J	ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Xylene (total)	ND		ug/L	5.0		1	370081	04/30/25	04/30/25	ZST
Surrogates			Limits							
Dibromofluoromethane	108%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST
1,2-Dichloroethane-d4	85%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST
Toluene-d8	107%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST
Bromofluorobenzene	99%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 531889

531889-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	370366	05/02/25	05/05/25	TJW
Surrogates			Limits							
1,4-Dioxane-d8 (SUR)	102%		%REC	80-120		1	370366	05/02/25	05/05/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	370312	05/02/25	05/02/25	DXA
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	370311	05/02/25	05/02/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	220		mg/L	10		5	370049	04/29/25	04/29/25	WWC
Alkalinity, Total as CaCO3	250		mg/L	10		5	370049	04/29/25	04/29/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	720		mg/L	20		2	370153	04/30/25	05/01/25	RDL

Analysis Results for 531889

Sample ID: DW-3
Lab ID: 531889-004
Collected: 04/28/25 12:03
Matrix: Water

531889-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.63		mg/L	0.20	0.034	1	370000	04/29/25 13:30	04/29/25 20:01	AJL
Chloride	58		mg/L	1.0	0.27	1	370000	04/29/25 13:30	04/29/25 20:01	AJL
Bromide	0.17	J	mg/L	0.30	0.060	1	370000	04/29/25 13:30	04/29/25 20:01	AJL
Nitrogen, Nitrate	1.9		mg/L	0.10	0.05	1	370000	04/29/25 13:30	04/29/25 20:01	AJL
Sulfate	110		mg/L	10	1.8	10	370000	04/29/25 13:30	04/29/25 20:21	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	370322	05/02/25	05/05/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	370263	05/01/25	05/01/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.26		mg/L	0.050	0.0055	1	370016	04/29/25	04/29/25	CAP
Calcium	32		mg/L	0.57	0.57	1	370016	04/29/25	04/29/25	CAP
Iron	ND		mg/L	0.046	0.046	1	370016	04/29/25	04/29/25	CAP
Magnesium	3.9		mg/L	0.10	0.025	1	370016	04/29/25	04/29/25	CAP
Manganese	ND		mg/L	0.010	0.0029	1	370016	04/29/25	04/29/25	CAP
Potassium	1.6		mg/L	0.50	0.40	1	370016	04/29/25	04/29/25	CAP
Sodium	110		mg/L	0.50	0.35	1	370016	04/29/25	04/29/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	370081	04/30/25	04/30/25	ZST
Freon 12	3.5	J	ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Trichlorofluoromethane	0.1	J	ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Acetone	ND		ug/L	100	21	1	370081	04/30/25	04/30/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Methylene Chloride	ND		ug/L	5.0	2.4	1	370081	04/30/25	04/30/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1-Dichloroethane	0.2	J	ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	370081	04/30/25	04/30/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST

Analysis Results for 531889

531889-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	370081	04/30/25	04/30/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	370081	04/30/25	04/30/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Tetrachloroethene	0.9	J	ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	370081	04/30/25	04/30/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	370081	04/30/25	04/30/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Xylene (total)	ND		ug/L	5.0		1	370081	04/30/25	04/30/25	ZST
Surrogates			Limits							
Dibromofluoromethane	108%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST
1,2-Dichloroethane-d4	85%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST
Toluene-d8	108%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST
Bromofluorobenzene	99%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 531889

531889-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	370366	05/02/25	05/05/25	TJW
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	98%		%REC	80-120		1	370366	05/02/25	05/05/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	370312	05/02/25	05/02/25	DXA
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	370311	05/02/25	05/02/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	200		mg/L	10		5	370049	04/29/25	04/29/25	WWC
Alkalinity, Total as CaCO3	200		mg/L	10		5	370049	04/29/25	04/29/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	450		mg/L	20		2	370153	04/30/25	05/01/25	RDL

Analysis Results for 531889

Sample ID: QCFB
Lab ID: 531889-005
Collected: 04/28/25 09:14
Matrix: Water

531889-005 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	0.5	1	370081	04/30/25	04/30/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Acetone	ND		ug/L	100	21	1	370081	04/30/25	04/30/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Methylene Chloride	6.4		ug/L	5.0	2.4	1	370081	04/30/25	04/30/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	370081	04/30/25	04/30/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Chloroform	0.7	J	ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Benzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	370081	04/30/25	04/30/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	370081	04/30/25	04/30/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	370081	04/30/25	04/30/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	370081	04/30/25	04/30/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST

Analysis Results for 531889

531889-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Xylene (total)	ND		ug/L	5.0		1	370081	04/30/25	04/30/25	ZST
Surrogates	Limits									
Dibromofluoromethane	108%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST
1,2-Dichloroethane-d4	86%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST
Toluene-d8	107%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST
Bromofluorobenzene	100%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST

Analysis Results for 531889

Sample ID: QCTB
Lab ID: 531889-006
Collected: 04/28/25
Matrix: Water

531889-006 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	0.5	1	370081	04/30/25	04/30/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Acetone	ND		ug/L	100	21	1	370081	04/30/25	04/30/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Methylene Chloride	ND		ug/L	5.0	2.4	1	370081	04/30/25	04/30/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	370081	04/30/25	04/30/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Chloroform	0.5	J	ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Benzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	370081	04/30/25	04/30/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	370081	04/30/25	04/30/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	370081	04/30/25	04/30/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	370081	04/30/25	04/30/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST

Analysis Results for 531889

531889-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Xylene (total)	ND		ug/L	5.0		1	370081	04/30/25	04/30/25	ZST
Surrogates	Limits									
Dibromofluoromethane	106%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST
1,2-Dichloroethane-d4	85%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST
Toluene-d8	108%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST
Bromofluorobenzene	99%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST

J Estimated value
ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1252823	Batch: 370000
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1252823 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.034	04/29/25 13:30	04/29/25 14:32
Chloride	ND		mg/L	1.0	0.27	04/29/25 13:30	04/29/25 14:32
Bromide	ND		mg/L	0.30	0.060	04/29/25 13:30	04/29/25 14:32
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	04/29/25 13:30	04/29/25 14:32
Sulfate	ND		mg/L	1.0	0.18	04/29/25 13:30	04/29/25 14:32

Type: Lab Control Sample	Lab ID: QC1252824	Batch: 370000
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1252824 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.108	10.00	mg/L	91%		90-110
Chloride	47.77	50.00	mg/L	96%		90-110
Bromide	15.10	15.00	mg/L	101%		90-110
Nitrogen, Nitrate	4.580	4.518	mg/L	101%		90-110
Sulfate	24.71	25.00	mg/L	99%		90-110

Type: Matrix Spike	Lab ID: QC1252826	Batch: 370000
Matrix (Source ID): Water (531895-002)	Method: EPA 300.0	Prep Method: METHOD

QC1252826 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	19.16	0.05058	20.00	mg/L	96%		80-120	1
Chloride	111.3	10.09	100.0	mg/L	101%		80-120	1
Bromide	15.02	ND	15.00	mg/L	100%		80-120	1
Nitrogen, Nitrate	12.43	3.483	9.036	mg/L	99%		80-120	1
Sulfate	60.09	10.62	50.00	mg/L	99%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1252827	Batch: 370000
Matrix (Source ID): Water (531895-002)	Method: EPA 300.0	Prep Method: METHOD

QC1252827 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	19.25	0.05058	20.00	mg/L	96%		80-120	0	20	1
Chloride	111.4	10.09	100.0	mg/L	101%		80-120	0	20	1
Bromide	15.01	ND	15.00	mg/L	100%		80-120	0	20	1
Nitrogen, Nitrate	12.37	3.483	9.036	mg/L	98%		80-120	1	20	1
Sulfate	60.11	10.62	50.00	mg/L	99%		80-120	0	20	1

Type: Lab Control Sample	Lab ID: QC1253947	Batch: 370322
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1253947 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9894	1.000	mg/L	99%		90-110

Batch QC

Type: Blank	Lab ID: QC1253948	Batch: 370322
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1253948 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	05/02/25	05/05/25

Type: Matrix Spike	Lab ID: QC1253954	Batch: 370322
Matrix (Source ID): Water (531889-001)	Method: EPA 350.1	Prep Method: METHOD

QC1253954 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.027	0.05677	1.000	mg/L	97%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1253955	Batch: 370322
Matrix (Source ID): Water (531889-001)	Method: EPA 350.1	Prep Method: METHOD

QC1253955 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Ammonia-N	1.065	0.05677	1.000	mg/L	101%		90-110	4	20	1

Type: Blank	Lab ID: QC1253686	Batch: 370263
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1253686 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	05/01/25	05/01/25

Type: Lab Control Sample	Lab ID: QC1253687	Batch: 370263
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1253687 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	99.00	100.0	mg/L	99%		90-110

Type: Matrix Spike	Lab ID: QC1253688	Batch: 370263
Matrix (Source ID): Water (531741-001)	Method: EPA 410.4	Prep Method: METHOD

QC1253688 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	94.00	ND	100.0	mg/L	94%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1253689	Batch: 370263
Matrix (Source ID): Water (531741-001)	Method: EPA 410.4	Prep Method: METHOD

QC1253689 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Chemical Oxygen Demand	94.00	ND	100.0	mg/L	94%		75-125	0	20	2

Batch QC

Type: Matrix Spike	Lab ID: QC1253690	Batch: 370263
Matrix (Source ID): Water (531889-001)	Method: EPA 410.4	Prep Method: METHOD

QC1253690 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	128.0	29.00	100.0	mg/L	99%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1253691	Batch: 370263
Matrix (Source ID): Water (531889-001)	Method: EPA 410.4	Prep Method: METHOD

QC1253691 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	128.0	29.00	100.0	mg/L	99%		75-125	0	20	2

Type: Blank	Lab ID: QC1252874	Batch: 370016
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1252874 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	04/29/25	04/29/25
Calcium	ND		mg/L	0.57	0.57	04/29/25	04/29/25
Iron	ND		mg/L	0.046	0.046	04/29/25	04/29/25
Magnesium	ND		mg/L	0.10	0.025	04/29/25	04/29/25
Manganese	ND		mg/L	0.010	0.0029	04/29/25	04/29/25
Potassium	ND		mg/L	0.50	0.40	04/29/25	04/29/25
Sodium	ND		mg/L	0.50	0.35	04/29/25	04/29/25

Type: Lab Control Sample	Lab ID: QC1252875	Batch: 370016
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1252875 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3630	0.4000	mg/L	91%		80-120
Calcium	18.17	20.40	mg/L	89%		80-120
Iron	0.3614	0.4000	mg/L	90%		80-120
Magnesium	18.12	20.40	mg/L	89%		80-120
Manganese	0.3618	0.4000	mg/L	90%		80-120
Potassium	20.83	24.00	mg/L	87%		80-120
Sodium	17.82	20.40	mg/L	87%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1252876	Batch: 370016
Matrix (Source ID): Water (531889-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1252876 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.9613	0.5900	0.4000	mg/L	93%		75-125	1
Calcium	216.1	200.0	20.40	mg/L	79%	NM	75-125	1
Iron	0.4927	0.1293	0.4000	mg/L	91%		75-125	1
Magnesium	55.32	37.11	20.40	mg/L	89%		75-125	1
Manganese	0.5208	0.1543	0.4000	mg/L	92%		75-125	1
Potassium	23.93	1.478	24.00	mg/L	94%		75-125	1
Sodium	140.8	123.2	20.40	mg/L	86%	NM	75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1252877	Batch: 370016
Matrix (Source ID): Water (531889-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1252877 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.9487	0.5900	0.4000	mg/L	90%		75-125	1	20	1
Calcium	215.8	200.0	20.40	mg/L	77%	NM	75-125	0	20	1
Iron	0.4788	0.1293	0.4000	mg/L	87%		75-125	3	20	1
Magnesium	54.76	37.11	20.40	mg/L	87%		75-125	1	20	1
Manganese	0.5084	0.1543	0.4000	mg/L	89%		75-125	2	20	1
Potassium	23.19	1.478	24.00	mg/L	90%		75-125	3	20	1
Sodium	140.3	123.2	20.40	mg/L	84%	NM	75-125	0	20	1

Type: Serial Dilution	Lab ID: QC1252883	Batch: 370016
Matrix (Source ID): Water (531889-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1252883 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	0.5876	0.5900	mg/L				5
Calcium	204.0	200.0	mg/L				5
Iron	ND	0.1293	mg/L				5
Magnesium	38.16	37.11	mg/L				5
Manganese	0.1567	0.1543	mg/L				5
Potassium	ND	1.478	mg/L				5
Sodium	124.0	123.2	mg/L				5

Batch QC

Type: Lab Control Sample	Lab ID: QC1253096	Batch: 370081
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1253096 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	44.56	50.00	ug/L	89%		70-135
MTBE	44.03	50.00	ug/L	88%		70-130
Benzene	46.77	50.00	ug/L	94%		70-130
Trichloroethene	57.30	50.00	ug/L	115%		70-130
Toluene	52.01	50.00	ug/L	104%		70-130
Chlorobenzene	53.94	50.00	ug/L	108%		70-130
Surrogates						
Dibromofluoromethane	54.15	50.00	ug/L	108%		70-130
1,2-Dichloroethane-d4	41.92	50.00	ug/L	84%		70-130
Toluene-d8	53.29	50.00	ug/L	107%		70-130
Bromofluorobenzene	48.89	50.00	ug/L	98%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1253097	Batch: 370081
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1253097 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	41.89	50.00	ug/L	84%		70-135	6	30
MTBE	44.96	50.00	ug/L	90%		70-130	2	30
Benzene	44.97	50.00	ug/L	90%		70-130	4	30
Trichloroethene	53.78	50.00	ug/L	108%		70-130	6	30
Toluene	49.96	50.00	ug/L	100%		70-130	4	30
Chlorobenzene	53.31	50.00	ug/L	107%		70-130	1	30
Surrogates								
Dibromofluoromethane	53.89	50.00	ug/L	108%		70-130		
1,2-Dichloroethane-d4	42.28	50.00	ug/L	85%		70-130		
Toluene-d8	52.95	50.00	ug/L	106%		70-130		
Bromofluorobenzene	48.92	50.00	ug/L	98%		70-130		

Batch QC

Type: Blank	Lab ID: QC1253101	Batch: 370081
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1253101 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.5	04/30/25	04/30/25
Freon 12	ND		ug/L	5.0	0.2	04/30/25	04/30/25
Chloromethane	ND		ug/L	5.0	0.3	04/30/25	04/30/25
Vinyl Chloride	ND		ug/L	5.0	0.1	04/30/25	04/30/25
Bromomethane	ND		ug/L	5.0	0.4	04/30/25	04/30/25
Chloroethane	ND		ug/L	5.0	0.3	04/30/25	04/30/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	04/30/25	04/30/25
Acetone	ND		ug/L	100	21	04/30/25	04/30/25
Freon 113	ND		ug/L	5.0	0.1	04/30/25	04/30/25
1,1-Dichloroethene	ND		ug/L	5.0	0.08	04/30/25	04/30/25
Methylene Chloride	ND		ug/L	5.0	2.4	04/30/25	04/30/25
MTBE	ND		ug/L	5.0	0.09	04/30/25	04/30/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	04/30/25	04/30/25
1,1-Dichloroethane	ND		ug/L	5.0	0.09	04/30/25	04/30/25
2-Butanone	ND		ug/L	100	1.7	04/30/25	04/30/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	04/30/25	04/30/25
2,2-Dichloropropane	ND		ug/L	5.0	0.1	04/30/25	04/30/25
Chloroform	ND		ug/L	5.0	0.1	04/30/25	04/30/25
Bromochloromethane	ND		ug/L	5.0	0.2	04/30/25	04/30/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	04/30/25	04/30/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	04/30/25	04/30/25
Carbon Tetrachloride	ND		ug/L	5.0	0.1	04/30/25	04/30/25
1,2-Dichloroethane	ND		ug/L	5.0	0.2	04/30/25	04/30/25
Benzene	ND		ug/L	5.0	0.1	04/30/25	04/30/25
Trichloroethene	ND		ug/L	5.0	0.2	04/30/25	04/30/25
1,2-Dichloropropane	ND		ug/L	5.0	0.1	04/30/25	04/30/25
Bromodichloromethane	ND		ug/L	5.0	0.08	04/30/25	04/30/25
Dibromomethane	ND		ug/L	5.0	0.2	04/30/25	04/30/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	04/30/25	04/30/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	04/30/25	04/30/25
Toluene	ND		ug/L	5.0	0.1	04/30/25	04/30/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	04/30/25	04/30/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	04/30/25	04/30/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	04/30/25	04/30/25
Tetrachloroethene	ND		ug/L	5.0	0.09	04/30/25	04/30/25
Dibromochloromethane	ND		ug/L	5.0	0.1	04/30/25	04/30/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	04/30/25	04/30/25
Chlorobenzene	ND		ug/L	5.0	0.09	04/30/25	04/30/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	04/30/25	04/30/25
Ethylbenzene	ND		ug/L	5.0	0.1	04/30/25	04/30/25
m,p-Xylenes	ND		ug/L	10	0.2	04/30/25	04/30/25
o-Xylene	ND		ug/L	5.0	0.1	04/30/25	04/30/25
Styrene	ND		ug/L	5.0	0.1	04/30/25	04/30/25
Bromoform	ND		ug/L	5.0	0.2	04/30/25	04/30/25
Isopropylbenzene	ND		ug/L	5.0	0.1	04/30/25	04/30/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	04/30/25	04/30/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	04/30/25	04/30/25

Batch QC

QC1253101 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.2	04/30/25	04/30/25
Bromobenzene	ND		ug/L	5.0	0.1	04/30/25	04/30/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	04/30/25	04/30/25
2-Chlorotoluene	ND		ug/L	5.0	0.1	04/30/25	04/30/25
4-Chlorotoluene	ND		ug/L	5.0	0.1	04/30/25	04/30/25
tert-Butylbenzene	ND		ug/L	5.0	0.2	04/30/25	04/30/25
1,2,4-Trimethylbenzene	0.2	J	ug/L	5.0	0.2	04/30/25	04/30/25
sec-Butylbenzene	ND		ug/L	5.0	0.2	04/30/25	04/30/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	04/30/25	04/30/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	04/30/25	04/30/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	04/30/25	04/30/25
n-Butylbenzene	ND		ug/L	5.0	0.4	04/30/25	04/30/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	04/30/25	04/30/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	04/30/25	04/30/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	04/30/25	04/30/25
Hexachlorobutadiene	ND		ug/L	5.0	0.4	04/30/25	04/30/25
Naphthalene	ND		ug/L	5.0	0.3	04/30/25	04/30/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	04/30/25	04/30/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	04/30/25	04/30/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	04/30/25	04/30/25
Xylene (total)	ND		ug/L	5.0		04/30/25	04/30/25
Surrogates	Limits						
Dibromofluoromethane	107%		%REC	70-130		04/30/25	04/30/25
1,2-Dichloroethane-d4	85%		%REC	70-130		04/30/25	04/30/25
Toluene-d8	108%		%REC	70-130		04/30/25	04/30/25
Bromofluorobenzene	98%		%REC	70-130		04/30/25	04/30/25

Type: Matrix Spike	Lab ID: QC1253176	Batch: 370081
Matrix (Source ID): Water (531889-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1253176 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	7.736	ND	20.00	ug/L	39%	*	70-130	1
MTBE	9.194	ND	20.00	ug/L	46%	*	75-130	1
Benzene	9.260	ND	20.00	ug/L	46%	*	70-130	1
Trichloroethene	11.78	ND	20.00	ug/L	59%	*	63-130	1
Toluene	10.76	ND	20.00	ug/L	54%	*	70-130	1
Chlorobenzene	11.64	ND	20.00	ug/L	58%	*	70-130	1
Surrogates								
Dibromofluoromethane	53.39		50.00	ug/L	107%		70-130	1
1,2-Dichloroethane-d4	42.06		50.00	ug/L	84%		70-130	1
Toluene-d8	53.83		50.00	ug/L	108%		70-130	1
Bromofluorobenzene	49.64		50.00	ug/L	99%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1253177	Batch: 370081
Matrix (Source ID): Water (531889-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1253177 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	7.562	ND	20.00	ug/L	38%	*	70-130	2	30	1
MTBE	9.675	ND	20.00	ug/L	48%	*	75-130	5	30	1
Benzene	9.259	ND	20.00	ug/L	46%	*	70-130	0	30	1
Trichloroethene	11.33	ND	20.00	ug/L	57%	*	63-130	4	30	1
Toluene	10.41	ND	20.00	ug/L	52%	*	70-130	3	30	1
Chlorobenzene	11.36	ND	20.00	ug/L	57%	*	70-130	2	30	1
Surrogates										
Dibromofluoromethane	54.70		50.00	ug/L	109%		70-130			1
1,2-Dichloroethane-d4	43.49		50.00	ug/L	87%		70-130			1
Toluene-d8	52.92		50.00	ug/L	106%		70-130			1
Bromofluorobenzene	49.38		50.00	ug/L	99%		70-130			1

Type: Blank	Lab ID: QC1254089	Batch: 370366
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1254089 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.95	05/02/25	05/05/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	101%		%REC	80-120		05/02/25	05/05/25

Type: Lab Control Sample	Lab ID: QC1254090	Batch: 370366
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1254090 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	10.24	10.00	ug/L	102%		80-120
Surrogates						
1,4-Dioxane-d8 (SUR)	9.863	10.00	ug/L	99%		80-120

Type: Matrix Spike	Lab ID: QC1254091	Batch: 370366
Matrix (Source ID): Water (532004-004)	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1254091 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,4-Dioxane	12.39	1.798	10.00	ug/L	106%		70-130	1
Surrogates								
1,4-Dioxane-d8 (SUR)	10.17		10.00	ug/L	102%		80-120	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1254092	Batch: 370366
Matrix (Source ID): Water (532004-004)	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1254092 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,4-Dioxane	12.22	1.798	10.00	ug/L	104%		70-130	1	30	1
Surrogates										
1,4-Dioxane-d8 (SUR)	10.42		10.00	ug/L	104%		80-120			1

Type: Blank	Lab ID: QC1253903	Batch: 370312
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1253903 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		05/02/25	05/02/25

Type: Lab Control Sample	Lab ID: QC1253904	Batch: 370312
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1253904 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	1.000	1.000	mg/L	100%		90-110

Type: Matrix Spike	Lab ID: QC1253905	Batch: 370312
Matrix (Source ID): Water (531773-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1253905 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	1.000	ND	1.000	mg/L	100%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1253906	Batch: 370312
Matrix (Source ID): Water (531773-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1253906 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	1.000	ND	1.000	mg/L	100%		80-120	0	20	1

Type: Blank	Lab ID: QC1253899	Batch: 370311
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1253899 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.68	05/02/25	05/02/25

Type: Lab Control Sample	Lab ID: QC1253900	Batch: 370311
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1253900 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	23.65	25.00	mg/L	95%		85-115

Batch QC

Type: Matrix Spike	Lab ID: QC1253901	Batch: 370311
Matrix (Source ID): Water (531741-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1253901 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	27.34	1.522	25.00	mg/L	103%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1253902	Batch: 370311
Matrix (Source ID): Water (531741-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1253902 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Total Organic Carbon	27.35	1.522	25.00	mg/L	103%		75-125	0	25	1

Type: Blank	Lab ID: QC1252985	Batch: 370049
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1252985 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		04/29/25	04/29/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		04/29/25	04/29/25

Type: Lab Control Sample	Lab ID: QC1252986	Batch: 370049
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1252986 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	970.5	1000	mg/L	97%		90-110

Type: Sample Duplicate	Lab ID: QC1253324	Batch: 370049
Matrix (Source ID): Water (531895-003)	Method: SM2320B	Prep Method: METHOD

QC1253324 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	163.4	165.3	mg/L		1	20	2.5
Alkalinity, Total as CaCO ₃	163.4	165.3	mg/L		1	20	2.5

Type: Blank	Lab ID: QC1253329	Batch: 370153
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1253329 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		04/30/25	05/01/25

Type: Lab Control Sample	Lab ID: QC1253330	Batch: 370153
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1253330 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	950.0	1000	mg/L	95%		90-110

Batch QC

Type: Sample Duplicate	Lab ID: QC1253331	Batch: 370153
Matrix (Source ID): Water (531980-001)	Method: SM2540C	Prep Method: METHOD

QC1253331 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	700.0	672.0	mg/L		4	5	2

Type: Sample Duplicate	Lab ID: QC1253332	Batch: 370153
Matrix (Source ID): Water (531756-001)	Method: SM2540C	Prep Method: METHOD

QC1253332 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	588.0	562.0	mg/L		5	5	2

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

Laboratory Job Number 531889

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2504M97

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-531889

Project Location:

Project Received: 04/30/2025

Analytical Report reviewed & approved for release on 05/06/2025 by:

Jennifer Lagerbom

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: 2504M97

Project: EO-531889

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: 2504M97

Project: EO-531889

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: 04/30/2025 11:11
Date Prepared: 05/02/2025
Project: EO-531889

WorkOrder: 2504M97
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	2504M97-001A	Water	04/28/2025 09:12	GC26 0502251007.D	316675

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	71,000	2500	2500	50	05/02/2025 14:32

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-1	2504M97-002A	Water	04/28/2025 10:09	GC26 0502251010.D	316675

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	3100	200	200	4	05/02/2025 15:10

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-16	2504M97-003A	Water	04/28/2025 11:08	GC26 0502251012.D	316675

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	1400	50	50	1	05/02/2025 15:51

Analyst(s): CLO

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 04/30/2025 11:11
Date Prepared: 05/02/2025
Project: EO-531889

WorkOrder: 2504M97
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	2504M97-004A	Water	04/28/2025 12:03	GC26 0502251015.D	316675

Analytes	Result	MDL	RL	DE	Date Analyzed
Carbon Dioxide	3600	200	200	4	05/02/2025 16:50

Analyst(s): CLO



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 05/02/2025
Date Analyzed: 05/02/2025
Instrument: GC26
Matrix: Water
Project: EO-531889

WorkOrder: 2504M97
BatchID: 316675
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-316675

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	75	70-130	4.89	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: 2504M97

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-531889

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: 04/30/2025

Date Logged: 04/30/2025

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2504M97-001	DW-31	Water	4/28/2025 09:12	☐	A	A										
2504M97-002	DW-1	Water	4/28/2025 10:09	☐	A	A										
2504M97-003	DW-16	Water	4/28/2025 11:08	☐	A	A										
2504M97-004	DW-3	Water	4/28/2025 12:03	☐	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-531889

Work Order: 2504M97

Client Contact: Zach Barker

QC Level: LEVEL 2

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

Comments:

Date Logged: 4/30/2025

☐ 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-31	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	4/28/2025 9:12	5 days	5/7/2025	None	☐	☐
002A	DW-1	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	4/28/2025 10:09	5 days	5/7/2025	None	☐	☐
003A	DW-16	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	4/28/2025 11:08	5 days	5/7/2025	None	☐	☐
004A	DW-3	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	4/28/2025 12:03	5 days	5/7/2025	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.



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-531889

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 Landfill - GW Monitoring Samples

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-31	28-APR-2025 09:12	531889-001	3 X	Water	RSK-175 CO2	
DW-1	28-APR-2025 10:09	531889-002	3 X	Water	RSK-175 CO2	
DW-16	28-APR-2025 11:08	531889-003	3 X	Water	RSK-175 CO2	
DW-3	28-APR-2025 12:03	531889-004	3 X	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	<i>Aura Holley</i>	
	Date: 4-29-25 16:38	Date:
	Date:	<i>Emily R</i> Date: 4/30/25 11:11
	Date:	Date:

G18.562950516 1.0 wet
1230



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-531889

Date and Time Received: 4/30/2025 11:11

Date Logged: 4/30/2025

Received by:

Logged by: Emily Perez

WorkOrder No: 2504M97 Matrix:
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 ☒

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 : 532904
Report Level : II
Report Date : 05/28/2025

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, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197



Sample Summary

Steve Cassulo	Lab Job #:	532904
Waste Connections	Project No:	GW MONITORING
Chiquita Canyon Landfill	Location:	Chiquita Canyon Landfill, Quarterly MPars
29201 Henry Mayo	Date Received:	05/12/25
Drive		
Castaic, CA 91384		

Sample ID	Lab ID	Collected	Matrix
DW-28	532904-001	05/12/25 09:22	Water
DW-8	532904-002	05/12/25 10:55	Water
DW-9	532904-003	05/12/25 12:20	Water
DW-31	532904-004	05/12/25 13:26	Water
QCFB	532904-005	05/12/25 10:57	Water
QCTB	532904-006	05/12/25 00:00	Water

Case Narrative

Waste Connections	Lab Job Number: 532904
Chiquita Canyon Landfill	Project No: GW MONITORING
29201 Henry Mayo Drive	Location: Chiquita Canyon Landfill, Quarterly
Castaic, CA 91384	MPars
Steve Cassulo	Date Received: 05/12/25

This data package contains sample and QC results for six water samples, requested for the above referenced project on 05/13/25. The samples were received cold and intact.

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

- High response was observed for chloroethane in the CCV analyzed 05/23/25 08:58; this analyte was not detected at or above the RL in the associated sample, and affected data was qualified with "b".
- Many analytes were analyzed outside of hold time; affected data was qualified with "H".
- QCFB (lab # 532904-005) and QCTB (lab # 532904-006) 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):

- The TOC sample was received in an unpreserved amber glass container. The sample was preserved at the lab after receipt prior to analysis.
- 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.



Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Chain of Custody Record

Lab No: 532904

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:

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	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: 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-28	5/12/25	922	W	13	var.				X	X	X	X	X	X	X	X	X		
2	DW-8	1055								X	X	X	X	X	X	X	X	X		
3	DW-9	1220								X	X	X	X	X	X	X	X	X		
4	DW-31	1346								X	X	X	X	X	X	X	X	X		
5	QC PB	1057								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 532904



Signature		Print Name		Company / Title		Date / Time	
1 Relinquished By:		Paul Chang	COI	EA/INH	5/12/25	2:20	
1 Received By:		Alice Tahmasian	Alice Tahmasian	EA/INH	5/12/25	2:20	
2 Relinquished By:		Alice Tahmasian	Alice Tahmasian	EA/INH	5/12/25	11:05	
2 Received By:		Gema	Gema	EA/INH	5/13/25	11:05	
3 Relinquished By:		Gema	Gema	EA/INH	5/13/25	11:05	
3 Received By:		N/ WB	N/ WB	EA	5/13/25	11:05	

RECEIVED BY: 5/13/25 12:25

N/ WB 5-13-25 12:25

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 05/17/25 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: _____

Section 3a: Condition / Packaging

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

Date Opened 05/17/25 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: 1803 CF: 0.7°C

Cooler Temp (°C) #1: 13.5/12.8 #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) _____

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 5/13/25 WO# 532904 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 5/13/25 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: 2.0 / 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?

5/13/25

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.)

4.9 - SAMPLES FOR TOC RECEIVED IN POLY/PURPLE PRESERVED w/ H2SO4

4.10 - SAMPLES FOR NO3, NO2 AND NH4 RECEIVED < 1/2 HOLDING TIME REMAINING FOR NITRATE

☐ No additional discrepancies

Date Logged 5/12/25

By (print) ABD

(sign)

Date Labeled 5/13/25

By (print) NIG

(sign)

Analysis Results for 532904

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

Lab Job #: 532904
Project No: GW MONITORING
Location: Chiquita Canyon Landfill, Quarterly MPars
Date Received: 05/12/25

Sample ID: DW-28

Lab ID: 532904-001

Collected: 05/12/25 09:22

Matrix: Water

532904-001 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	371207	05/13/25 15:00	05/13/25 18:26	KUM
Chloride	35		mg/L	1.0	0.27	1	371207	05/13/25 15:00	05/13/25 18:26	KUM
Bromide	0.19	J	mg/L	0.30	0.060	1	371207	05/13/25 15:00	05/13/25 18:26	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	371207	05/13/25 15:00	05/13/25 18:26	KUM
Sulfate	460		mg/L	10	2.5	10	371207	05/13/25 15:00	05/13/25 19:28	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	0.33		mg/L	0.10	0.050	1	371828	05/20/25	05/21/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	14		mg/L	4.0	2.0	1	372078	05/22/25	05/23/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	1.3		mg/L	0.050	0.0055	1	371213	05/13/25	05/13/25	CAP
Calcium	4.7		mg/L	0.57	0.57	1	371213	05/13/25	05/13/25	CAP
Iron	ND		mg/L	0.046	0.046	1	371213	05/13/25	05/13/25	CAP
Magnesium	0.80		mg/L	0.10	0.025	1	371213	05/13/25	05/13/25	CAP
Manganese	0.0036	J	mg/L	0.010	0.0029	1	371213	05/13/25	05/13/25	CAP
Potassium	0.87		mg/L	0.50	0.40	1	371213	05/13/25	05/14/25	CAP
Sodium	350		mg/L	0.50	0.35	1	371213	05/13/25	05/13/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
Freon 12	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
Chloromethane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Vinyl Chloride	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Bromomethane	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
Chloroethane	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Acetone	ND		ug/L	100	8.8	1	371296	05/14/25	05/14/25	EJB
Freon 113	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Methylene Chloride	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
MTBE	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
2-Butanone	ND		ug/L	100	0.9	1	371296	05/14/25	05/14/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
Chloroform	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB

Analysis Results for 532904

532904-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	371296	05/14/25	05/14/25	EJB
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
Benzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Trichloroethene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Bromodichloromethane	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
Dibromomethane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	371296	05/14/25	05/14/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Toluene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	371296	05/14/25	05/14/25	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Tetrachloroethene	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
Dibromochloromethane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Chlorobenzene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Ethylbenzene	ND		ug/L	5.0	0.04	1	371296	05/14/25	05/14/25	EJB
m,p-Xylenes	ND		ug/L	10	0.1	1	371296	05/14/25	05/14/25	EJB
o-Xylene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Styrene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Bromoform	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Isopropylbenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
Propylbenzene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
Bromobenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
n-Butylbenzene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	371296	05/14/25	05/14/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Naphthalene	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
Xylene (total)	ND		ug/L	5.0		1	371296	05/14/25	05/14/25	EJB
Surrogates			Limits							
Dibromofluoromethane	94%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB

Analysis Results for 532904

532904-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	98%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB
Toluene-d8	105%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB
Bromofluorobenzene	99%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB

Method: EPA 8270C-SIM

Prep Method: EPA 3535

1,4-Dioxane	ND		ug/L	1.0	0.88	1	371590	05/16/25	05/17/25	TJW

Surrogates

Limits

1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	371590	05/16/25	05/17/25	TJW

Method: SM 4500-S2-D

Prep Method: METHOD

Sulfide	ND		mg/L	0.10		1	371746	05/19/25	05/19/25	WWC

Method: SM 5310B

Prep Method: SM 5310B

Total Organic Carbon	1.3		mg/L	1.0	0.68	1	371858	05/20/25	05/21/25	CKN

Method: SM2320B

Prep Method: METHOD

Alkalinity, Bicarbonate, as CaCO3	260		mg/L	5.0		2.5	371695	05/17/25	05/17/25	WWC
Alkalinity, Total as CaCO3	330		mg/L	5.0		2.5	371695	05/17/25	05/17/25	WWC

Method: SM2540C

Prep Method: METHOD

Total Dissolved Solids	1,200		mg/L	20		2	371485	05/15/25	05/18/25	RDL

Analysis Results for 532904

Sample ID: DW-8

Lab ID: 532904-002

Collected: 05/12/25 10:55

Matrix: Water

532904-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	ND		mg/L	0.20	0.072	1	371207	05/13/25 15:00	05/13/25 19:49	KUM
Chloride	68		mg/L	1.0	0.27	1	371207	05/13/25 15:00	05/13/25 19:49	KUM
Bromide	0.24	J	mg/L	0.30	0.060	1	371207	05/13/25 15:00	05/13/25 19:49	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	371207	05/13/25 15:00	05/13/25 19:49	KUM
Sulfate	2,800		mg/L	50	12	50	371207	05/13/25 15:00	05/13/25 20:10	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	1.1		mg/L	0.10	0.050	1	371452	05/15/25	05/16/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	12		mg/L	4.0	2.0	1	372078	05/22/25	05/23/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	1.0		mg/L	0.050	0.0055	1	371213	05/13/25	05/13/25	CAP
Calcium	350		mg/L	0.57	0.57	1	371213	05/13/25	05/13/25	CAP
Iron	6.0		mg/L	0.046	0.046	1	371213	05/13/25	05/13/25	CAP
Magnesium	200		mg/L	0.10	0.025	1	371213	05/13/25	05/13/25	CAP
Manganese	0.069		mg/L	0.010	0.0029	1	371213	05/13/25	05/13/25	CAP
Potassium	6.3		mg/L	0.50	0.40	1	371213	05/13/25	05/14/25	CAP
Sodium	590		mg/L	0.50	0.35	1	371213	05/13/25	05/13/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
Freon 12	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
Chloromethane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Vinyl Chloride	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Bromomethane	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
Chloroethane	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Acetone	ND		ug/L	100	8.8	1	371296	05/14/25	05/14/25	EJB
Freon 113	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Methylene Chloride	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
MTBE	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
2-Butanone	ND		ug/L	100	0.9	1	371296	05/14/25	05/14/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
Chloroform	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Bromochloromethane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	371296	05/14/25	05/14/25	EJB
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB

Analysis Results for 532904

532904-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Trichloroethene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Bromodichloromethane	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
Dibromomethane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	371296	05/14/25	05/14/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Toluene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	371296	05/14/25	05/14/25	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Tetrachloroethene	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
Dibromochloromethane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Chlorobenzene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Ethylbenzene	ND		ug/L	5.0	0.04	1	371296	05/14/25	05/14/25	EJB
m,p-Xylenes	ND		ug/L	10	0.1	1	371296	05/14/25	05/14/25	EJB
o-Xylene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Styrene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Bromoform	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Isopropylbenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
Propylbenzene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
Bromobenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
n-Butylbenzene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	371296	05/14/25	05/14/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Naphthalene	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
Xylene (total)	ND		ug/L	5.0		1	371296	05/14/25	05/14/25	EJB
Surrogates			Limits							
Dibromofluoromethane	93%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB
1,2-Dichloroethane-d4	98%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB
Toluene-d8	105%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB
Bromofluorobenzene	100%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 532904

532904-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.88	1	371590	05/16/25	05/17/25	TJW
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	371590	05/16/25	05/17/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	371746	05/19/25	05/19/25	WWC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	1.8		mg/L	1.0	0.68	1	371858	05/20/25	05/21/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	310		mg/L	10		5	371695	05/17/25	05/17/25	WWC
Alkalinity, Total as CaCO3	310		mg/L	10		5	371695	05/17/25	05/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	4,800		mg/L	40		4	371485	05/15/25	05/18/25	RDL

Analysis Results for 532904

Sample ID: DW-9
Lab ID: 532904-003
Collected: 05/12/25 12:20
Matrix: Water

532904-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	2.1		mg/L	0.20	0.072	1	371207	05/13/25 15:00	05/13/25 20:31	KUM
Chloride	80		mg/L	1.0	0.27	1	371207	05/13/25 15:00	05/13/25 20:31	KUM
Bromide	0.27	J	mg/L	0.30	0.060	1	371207	05/13/25 15:00	05/13/25 20:31	KUM
Nitrogen, Nitrate	2.2		mg/L	0.10	0.05	1	371207	05/13/25 15:00	05/13/25 20:31	KUM
Sulfate	690		mg/L	10	2.5	10	371207	05/13/25 15:00	05/13/25 20:52	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	0.051	J	mg/L	0.10	0.050	1	371452	05/15/25	05/16/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	12		mg/L	4.0	2.0	1	372078	05/22/25	05/23/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.59		mg/L	0.050	0.0055	1	371213	05/13/25	05/13/25	CAP
Calcium	22		mg/L	0.57	0.57	1	371213	05/13/25	05/13/25	CAP
Iron	ND		mg/L	0.046	0.046	1	371213	05/13/25	05/13/25	CAP
Magnesium	2.2		mg/L	0.10	0.025	1	371213	05/13/25	05/13/25	CAP
Manganese	ND		mg/L	0.010	0.0029	1	371213	05/13/25	05/13/25	CAP
Potassium	1.3		mg/L	0.50	0.40	1	371213	05/13/25	05/14/25	CAP
Sodium	380		mg/L	0.50	0.35	1	371213	05/13/25	05/13/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
Freon 12	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
Chloromethane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Vinyl Chloride	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Bromomethane	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
Chloroethane	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Acetone	ND		ug/L	100	8.8	1	371296	05/14/25	05/14/25	EJB
Freon 113	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Methylene Chloride	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
MTBE	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
2-Butanone	ND		ug/L	100	0.9	1	371296	05/14/25	05/14/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
Chloroform	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Bromochloromethane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	371296	05/14/25	05/14/25	EJB
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB

Analysis Results for 532904

532904-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Trichloroethene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Bromodichloromethane	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
Dibromomethane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	371296	05/14/25	05/14/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Toluene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	371296	05/14/25	05/14/25	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Tetrachloroethene	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
Dibromochloromethane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Chlorobenzene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Ethylbenzene	ND		ug/L	5.0	0.04	1	371296	05/14/25	05/14/25	EJB
m,p-Xylenes	ND		ug/L	10	0.1	1	371296	05/14/25	05/14/25	EJB
o-Xylene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Styrene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Bromoform	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Isopropylbenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
Propylbenzene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
Bromobenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
n-Butylbenzene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	371296	05/14/25	05/14/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Naphthalene	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
Xylene (total)	ND		ug/L	5.0		1	371296	05/14/25	05/14/25	EJB
Surrogates			Limits							
Dibromofluoromethane	96%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB
1,2-Dichloroethane-d4	98%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB
Toluene-d8	104%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB
Bromofluorobenzene	100%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 532904

532904-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.88	1	371590	05/16/25	05/17/25	TJW
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	371590	05/16/25	05/17/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	371746	05/19/25	05/19/25	WWC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	371858	05/20/25	05/21/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	150		mg/L	5.0		2.5	371695	05/17/25	05/17/25	WWC
Alkalinity, Total as CaCO3	150		mg/L	5.0		2.5	371695	05/17/25	05/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,400		mg/L	20		2	371485	05/15/25	05/18/25	RDL

Analysis Results for 532904

Sample ID: DW-31
Lab ID: 532904-004
Collected: 05/12/25 13:26
Matrix: Water

532904-004 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	0.072	1	371207	05/13/25 15:00	05/13/25 21:13	KUM
Chloride	87		mg/L	1.0	0.27	1	371207	05/13/25 15:00	05/13/25 21:13	KUM
Bromide	0.49		mg/L	0.30	0.060	1	371207	05/13/25 15:00	05/13/25 21:13	KUM
Nitrogen, Nitrate	0.59		mg/L	0.10	0.05	1	371207	05/13/25 15:00	05/13/25 21:13	KUM
Sulfate	370		mg/L	10	2.5	10	371207	05/13/25 15:00	05/13/25 21:34	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	0.060	J	mg/L	0.10	0.050	1	371452	05/15/25	05/16/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	37		mg/L	4.0	2.0	1	372078	05/22/25	05/23/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.58		mg/L	0.050	0.0055	1	371213	05/13/25	05/13/25	CAP
Calcium	200		mg/L	0.57	0.57	1	371213	05/13/25	05/13/25	CAP
Iron	0.12		mg/L	0.046	0.046	1	371213	05/13/25	05/13/25	CAP
Magnesium	37		mg/L	0.10	0.025	1	371213	05/13/25	05/13/25	CAP
Manganese	0.15		mg/L	0.010	0.0029	1	371213	05/13/25	05/13/25	CAP
Potassium	1.4		mg/L	0.50	0.40	1	371213	05/13/25	05/14/25	CAP
Sodium	120		mg/L	0.50	0.35	1	371213	05/13/25	05/13/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
Freon 12	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
Chloromethane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Vinyl Chloride	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Bromomethane	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
Chloroethane	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Acetone	ND		ug/L	100	8.8	1	371296	05/14/25	05/14/25	EJB
Freon 113	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Methylene Chloride	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
MTBE	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
2-Butanone	ND		ug/L	100	0.9	1	371296	05/14/25	05/14/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
Chloroform	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Bromochloromethane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	371296	05/14/25	05/14/25	EJB
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB

Analysis Results for 532904

532904-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Trichloroethene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Bromodichloromethane	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
Dibromomethane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	371296	05/14/25	05/14/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Toluene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	371296	05/14/25	05/14/25	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Tetrachloroethene	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
Dibromochloromethane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Chlorobenzene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Ethylbenzene	ND		ug/L	5.0	0.04	1	371296	05/14/25	05/14/25	EJB
m,p-Xylenes	ND		ug/L	10	0.1	1	371296	05/14/25	05/14/25	EJB
o-Xylene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Styrene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Bromoform	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Isopropylbenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
Propylbenzene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
Bromobenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
n-Butylbenzene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	371296	05/14/25	05/14/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Naphthalene	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
Xylene (total)	ND		ug/L	5.0		1	371296	05/14/25	05/14/25	EJB
Surrogates			Limits							
Dibromofluoromethane	94%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB
1,2-Dichloroethane-d4	98%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB
Toluene-d8	104%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB
Bromofluorobenzene	100%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 532904

532904-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	6.5		ug/L	1.0	0.88	1	371590	05/16/25	05/17/25	TJW
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	371590	05/16/25	05/17/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	371746	05/19/25	05/19/25	WWC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	12		mg/L	1.0	0.68	1	371858	05/20/25	05/21/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	480		mg/L	5.0		2.5	371695	05/17/25	05/17/25	WWC
Alkalinity, Total as CaCO3	480		mg/L	5.0		2.5	371695	05/17/25	05/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,200		mg/L	20		2	371485	05/15/25	05/18/25	RDL

Analysis Results for 532904

Sample ID: QCFB
Lab ID: 532904-005
Collected: 05/12/25 10:57
Matrix: Water

532904-005 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	371296	05/14/25	05/14/25	EJB
Freon 12	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
Chloromethane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Vinyl Chloride	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Bromomethane	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
Chloroethane	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Acetone	ND		ug/L	100	8.8	1	371296	05/14/25	05/14/25	EJB
Freon 113	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Methylene Chloride	2.5	J	ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
MTBE	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
2-Butanone	ND		ug/L	100	0.9	1	371296	05/14/25	05/14/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
Chloroform	0.7	J	ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Bromochloromethane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	371296	05/14/25	05/14/25	EJB
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
Benzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Trichloroethene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Bromodichloromethane	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
Dibromomethane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	371296	05/14/25	05/14/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Toluene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	371296	05/14/25	05/14/25	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Tetrachloroethene	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
Dibromochloromethane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Chlorobenzene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Ethylbenzene	ND		ug/L	5.0	0.04	1	371296	05/14/25	05/14/25	EJB
m,p-Xylenes	ND		ug/L	10	0.1	1	371296	05/14/25	05/14/25	EJB
o-Xylene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Styrene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Bromoform	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Isopropylbenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB

Analysis Results for 532904

532904-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
Propylbenzene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
Bromobenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
n-Butylbenzene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	371296	05/14/25	05/14/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Naphthalene	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
Xylene (total)	ND		ug/L	5.0		1	371296	05/14/25	05/14/25	EJB
Surrogates	Limits									
Dibromofluoromethane	96%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB
1,2-Dichloroethane-d4	99%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB
Toluene-d8	105%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB
Bromofluorobenzene	100%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB

Analysis Results for 532904

Sample ID: QCTB
Lab ID: 532904-006
Collected: 05/12/25
Matrix: Water

532904-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND	H	ug/L	5.0	0.5	1	372134	05/23/25	05/23/25	LYZ
Freon 12	ND	H	ug/L	5.0	0.2	1	372134	05/23/25	05/23/25	LYZ
Chloromethane	ND	H	ug/L	5.0	0.3	1	372134	05/23/25	05/23/25	LYZ
Vinyl Chloride	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
Bromomethane	ND	H	ug/L	5.0	0.4	1	372134	05/23/25	05/23/25	LYZ
Chloroethane	ND	H,b	ug/L	5.0	0.3	1	372134	05/23/25	05/23/25	LYZ
Trichlorofluoromethane	ND	H	ug/L	5.0	0.08	1	372134	05/23/25	05/23/25	LYZ
Acetone	ND	H	ug/L	100	21	1	372134	05/23/25	05/23/25	LYZ
Freon 113	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
1,1-Dichloroethene	ND	H	ug/L	5.0	0.08	1	372134	05/23/25	05/23/25	LYZ
Methylene Chloride	ND	H	ug/L	5.0	2.4	1	372134	05/23/25	05/23/25	LYZ
MTBE	ND	H	ug/L	5.0	0.09	1	372134	05/23/25	05/23/25	LYZ
trans-1,2-Dichloroethene	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
1,1-Dichloroethane	ND	H	ug/L	5.0	0.09	1	372134	05/23/25	05/23/25	LYZ
2-Butanone	ND	H	ug/L	100	1.7	1	372134	05/23/25	05/23/25	LYZ
cis-1,2-Dichloroethene	ND	H	ug/L	5.0	0.2	1	372134	05/23/25	05/23/25	LYZ
2,2-Dichloropropane	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
Chloroform	0.6	H,J	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
Bromochloromethane	ND	H	ug/L	5.0	0.2	1	372134	05/23/25	05/23/25	LYZ
1,1,1-Trichloroethane	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
1,1-Dichloropropene	ND	H	ug/L	5.0	0.08	1	372134	05/23/25	05/23/25	LYZ
Carbon Tetrachloride	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
1,2-Dichloroethane	ND	H	ug/L	5.0	0.2	1	372134	05/23/25	05/23/25	LYZ
Benzene	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
Trichloroethene	ND	H	ug/L	5.0	0.2	1	372134	05/23/25	05/23/25	LYZ
1,2-Dichloropropane	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
Bromodichloromethane	ND	H	ug/L	5.0	0.08	1	372134	05/23/25	05/23/25	LYZ
Dibromomethane	ND	H	ug/L	5.0	0.2	1	372134	05/23/25	05/23/25	LYZ
4-Methyl-2-Pentanone	ND	H	ug/L	5.0	1.0	1	372134	05/23/25	05/23/25	LYZ
cis-1,3-Dichloropropene	ND	H	ug/L	5.0	0.06	1	372134	05/23/25	05/23/25	LYZ
Toluene	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
trans-1,3-Dichloropropene	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
1,1,2-Trichloroethane	ND	H	ug/L	5.0	0.2	1	372134	05/23/25	05/23/25	LYZ
1,3-Dichloropropane	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
Tetrachloroethene	ND	H	ug/L	5.0	0.09	1	372134	05/23/25	05/23/25	LYZ
Dibromochloromethane	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
1,2-Dibromoethane	ND	H	ug/L	5.0	0.07	1	372134	05/23/25	05/23/25	LYZ
Chlorobenzene	ND	H	ug/L	5.0	0.09	1	372134	05/23/25	05/23/25	LYZ
1,1,1,2-Tetrachloroethane	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
Ethylbenzene	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
m,p-Xylenes	ND	H	ug/L	10	0.2	1	372134	05/23/25	05/23/25	LYZ
o-Xylene	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
Styrene	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
Bromoform	ND	H	ug/L	5.0	0.2	1	372134	05/23/25	05/23/25	LYZ
Isopropylbenzene	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ

Analysis Results for 532904

532904-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND	H	ug/L	5.0	0.2	1	372134	05/23/25	05/23/25	LYZ
1,2,3-Trichloropropane	ND	H	ug/L	5.0	0.2	1	372134	05/23/25	05/23/25	LYZ
Propylbenzene	ND	H	ug/L	5.0	0.2	1	372134	05/23/25	05/23/25	LYZ
Bromobenzene	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
1,3,5-Trimethylbenzene	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
2-Chlorotoluene	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
4-Chlorotoluene	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
tert-Butylbenzene	ND	H	ug/L	5.0	0.2	1	372134	05/23/25	05/23/25	LYZ
1,2,4-Trimethylbenzene	ND	H	ug/L	5.0	0.2	1	372134	05/23/25	05/23/25	LYZ
sec-Butylbenzene	ND	H	ug/L	5.0	0.2	1	372134	05/23/25	05/23/25	LYZ
para-Isopropyl Toluene	ND	H	ug/L	5.0	0.2	1	372134	05/23/25	05/23/25	LYZ
1,3-Dichlorobenzene	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
1,4-Dichlorobenzene	ND	H	ug/L	5.0	0.2	1	372134	05/23/25	05/23/25	LYZ
n-Butylbenzene	ND	H	ug/L	5.0	0.4	1	372134	05/23/25	05/23/25	LYZ
1,2-Dichlorobenzene	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
1,2-Dibromo-3-Chloropropane	ND	H	ug/L	5.0	0.3	1	372134	05/23/25	05/23/25	LYZ
1,2,4-Trichlorobenzene	ND	H	ug/L	5.0	0.3	1	372134	05/23/25	05/23/25	LYZ
Hexachlorobutadiene	ND	H	ug/L	5.0	0.4	1	372134	05/23/25	05/23/25	LYZ
Naphthalene	ND	H	ug/L	5.0	0.3	1	372134	05/23/25	05/23/25	LYZ
1,2,3-Trichlorobenzene	ND	H	ug/L	5.0	0.3	1	372134	05/23/25	05/23/25	LYZ
cis-1,4-Dichloro-2-butene	ND	H	ug/L	5.0	0.4	1	372134	05/23/25	05/23/25	LYZ
trans-1,4-Dichloro-2-butene	ND	H	ug/L	5.0	0.3	1	372134	05/23/25	05/23/25	LYZ
Xylene (total)	ND		ug/L	5.0		1	372134	05/23/25	05/23/25	LYZ
Surrogates	Limits									
Dibromofluoromethane	115%		%REC	70-130		1	372134	05/23/25	05/23/25	LYZ
1,2-Dichloroethane-d4	98%		%REC	70-130		1	372134	05/23/25	05/23/25	LYZ
Toluene-d8	105%		%REC	70-130		1	372134	05/23/25	05/23/25	LYZ
Bromofluorobenzene	103%		%REC	70-130		1	372134	05/23/25	05/23/25	LYZ

H Holding time was exceeded
 J Estimated value
 ND Not Detected
 b See narrative

Batch QC

Type: Blank	Lab ID: QC1256928	Batch: 371207
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1256928 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.072	05/13/25 15:00	05/13/25 15:18
Chloride	ND		mg/L	1.0	0.27	05/13/25 15:00	05/13/25 15:18
Bromide	ND		mg/L	0.30	0.060	05/13/25 15:00	05/13/25 15:18
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	05/13/25 15:00	05/13/25 15:18
Sulfate	ND		mg/L	1.0	0.25	05/13/25 15:00	05/13/25 15:18

Type: Lab Control Sample	Lab ID: QC1256929	Batch: 371207
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1256929 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.035	10.00	mg/L	90%		90-110
Chloride	47.35	50.00	mg/L	95%		90-110
Bromide	14.99	15.00	mg/L	100%		90-110
Nitrogen, Nitrate	4.568	4.518	mg/L	101%		90-110
Sulfate	25.22	25.00	mg/L	101%		90-110

Type: Matrix Spike	Lab ID: QC1256955	Batch: 371207
Matrix (Source ID): Water (532914-001)	Method: EPA 300.0	Prep Method: METHOD

QC1256955 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	22.11	0.7953	20.00	mg/L	107%		80-120	1
Chloride	111.2	8.717	100.0	mg/L	102%		80-120	1
Bromide	15.23	ND	15.00	mg/L	102%		80-120	1
Nitrogen, Nitrate	9.391	0.08229	9.036	mg/L	103%		80-120	1
Sulfate	61.96	11.33	50.00	mg/L	101%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1256956	Batch: 371207
Matrix (Source ID): Water (532914-001)	Method: EPA 300.0	Prep Method: METHOD

QC1256956 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	22.27	0.7953	20.00	mg/L	107%		80-120	1	20	1
Chloride	111.5	8.717	100.0	mg/L	103%		80-120	0	20	1
Bromide	15.33	ND	15.00	mg/L	102%		80-120	1	20	1
Nitrogen, Nitrate	9.410	0.08229	9.036	mg/L	103%		80-120	0	20	1
Sulfate	62.04	11.33	50.00	mg/L	101%		80-120	0	20	1

Batch QC

Type: Matrix Spike	Lab ID: QC1257717	Batch: 371452
Matrix (Source ID): Water (532857-002)	Method: EPA 350.1	Prep Method: SM 4500-NH3-G SD

QC1257717 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.096	ND	1.000	mg/L	110%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1257718	Batch: 371452
Matrix (Source ID): Water (532857-002)	Method: EPA 350.1	Prep Method: SM 4500-NH3-G SD

QC1257718 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.053	ND	1.000	mg/L	105%		90-110	4	20	1

Type: Matrix Spike	Lab ID: QC1257719	Batch: 371452
Matrix (Source ID): Water (532857-003)	Method: EPA 350.1	Prep Method: SM 4500-NH3-G SD

QC1257719 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.116	0.09377	1.000	mg/L	102%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1257720	Batch: 371452
Matrix (Source ID): Water (532857-003)	Method: EPA 350.1	Prep Method: SM 4500-NH3-G SD

QC1257720 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.134	0.09377	1.000	mg/L	104%		90-110	2	20	1

Type: Blank	Lab ID: QC1257721	Batch: 371452
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1257721 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	05/15/25	05/16/25

Type: Lab Control Sample	Lab ID: QC1257722	Batch: 371452
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1257722 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.082	1.000	mg/L	108%		90-110

Type: Blank	Lab ID: QC1258937	Batch: 371828
Matrix: Drinking Water	Method: EPA 350.1	Prep Method: METHOD

QC1258937 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	05/20/25	05/21/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1258939	Batch: 371828
Matrix: Drinking Water	Method: EPA 350.1	Prep Method: METHOD

QC1258939 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.035	1.000	mg/L	104%		90-110

Type: Matrix Spike	Lab ID: QC1258942	Batch: 371828
Matrix (Source ID): Water (532904-001)	Method: EPA 350.1	Prep Method: METHOD

QC1258942 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.391	0.3277	1.000	mg/L	106%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1258943	Batch: 371828
Matrix (Source ID): Water (532904-001)	Method: EPA 350.1	Prep Method: METHOD

QC1258943 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.394	0.3277	1.000	mg/L	107%		90-110	0	20	1

Type: Blank	Lab ID: QC1259838	Batch: 372078
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1259838 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	05/22/25	05/23/25

Type: Lab Control Sample	Lab ID: QC1259839	Batch: 372078
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1259839 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	110.0	100.0	mg/L	110%		90-110

Type: Matrix Spike	Lab ID: QC1259840	Batch: 372078
Matrix (Source ID): Water (533035-004)	Method: EPA 410.4	Prep Method: METHOD

QC1259840 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	120.0	8.000	100.0	mg/L	112%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1259841	Batch: 372078
Matrix (Source ID): Water (533035-004)	Method: EPA 410.4	Prep Method: METHOD

QC1259841 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	114.0	8.000	100.0	mg/L	106%		75-125	5	20	2

Batch QC

Type: Matrix Spike	Lab ID: QC1259842	Batch: 372078
Matrix (Source ID): Water (533265-004)	Method: EPA 410.4	Prep Method: METHOD

QC1259842 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	112.0	8.000	100.0	mg/L	104%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1259843	Batch: 372078
Matrix (Source ID): Water (533265-004)	Method: EPA 410.4	Prep Method: METHOD

QC1259843 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	116.0	8.000	100.0	mg/L	108%		75-125	4	20	2

Type: Blank	Lab ID: QC1256951	Batch: 371213
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1256951 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	05/13/25	05/13/25
Calcium	ND		mg/L	0.57	0.57	05/13/25	05/13/25
Iron	ND		mg/L	0.046	0.046	05/13/25	05/13/25
Magnesium	ND		mg/L	0.10	0.025	05/13/25	05/13/25
Manganese	ND		mg/L	0.010	0.0029	05/13/25	05/13/25
Potassium	ND		mg/L	0.50	0.40	05/13/25	05/14/25
Sodium	ND		mg/L	0.50	0.35	05/13/25	05/13/25

Type: Lab Control Sample	Lab ID: QC1256952	Batch: 371213
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1256952 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3586	0.4000	mg/L	90%		80-120
Calcium	18.92	20.40	mg/L	93%		80-120
Iron	0.3684	0.4000	mg/L	92%		80-120
Magnesium	18.88	20.40	mg/L	93%		80-120
Manganese	0.3611	0.4000	mg/L	90%		80-120
Potassium	21.57	24.00	mg/L	90%		80-120
Sodium	18.53	20.40	mg/L	91%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1256953	Batch: 371213
Matrix (Source ID): Water (532904-004)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1256953 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.9341	0.5824	0.4000	mg/L	88%		75-125	1
Calcium	214.6	197.3	20.40	mg/L	85%	NM	75-125	1
Iron	0.4847	0.1237	0.4000	mg/L	90%		75-125	1
Magnesium	55.11	36.71	20.40	mg/L	90%		75-125	1
Manganese	0.4990	0.1468	0.4000	mg/L	88%		75-125	1
Potassium	23.63	1.437	24.00	mg/L	92%		75-125	1
Sodium	140.4	122.9	20.40	mg/L	86%	NM	75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1256954	Batch: 371213
Matrix (Source ID): Water (532904-004)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1256954 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.9303	0.5824	0.4000	mg/L	87%		75-125	0	20	1
Calcium	215.0	197.3	20.40	mg/L	86%	NM	75-125	0	20	1
Iron	0.4827	0.1237	0.4000	mg/L	90%		75-125	0	20	1
Magnesium	55.12	36.71	20.40	mg/L	90%		75-125	0	20	1
Manganese	0.4936	0.1468	0.4000	mg/L	87%		75-125	1	20	1
Potassium	23.23	1.437	24.00	mg/L	91%		75-125	2	20	1
Sodium	139.9	122.9	20.40	mg/L	83%	NM	75-125	0	20	1

Type: Serial Dilution	Lab ID: QC1257044	Batch: 371213
Matrix (Source ID): Water (532904-004)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1257044 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	0.5818	0.5824	mg/L				5
Calcium	196.2	197.3	mg/L				5
Iron	ND	0.1237	mg/L				5
Magnesium	37.03	36.71	mg/L				5
Manganese	0.1447	0.1468	mg/L				5
Potassium	ND	1.437	mg/L				5
Sodium	122.0	122.9	mg/L				5

Batch QC

Type: Lab Control Sample	Lab ID: QC1257232	Batch: 371296
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1257232 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	44.12	50.00	ug/L	88%		70-135
MTBE	45.73	50.00	ug/L	91%		70-130
Benzene	47.05	50.00	ug/L	94%		70-130
Trichloroethene	51.49	50.00	ug/L	103%		70-130
Toluene	52.49	50.00	ug/L	105%		70-130
Chlorobenzene	52.50	50.00	ug/L	105%		70-130
Surrogates						
Dibromofluoromethane	46.63	50.00	ug/L	93%		70-130
1,2-Dichloroethane-d4	46.51	50.00	ug/L	93%		70-130
Toluene-d8	53.02	50.00	ug/L	106%		70-130
Bromofluorobenzene	50.83	50.00	ug/L	102%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1257233	Batch: 371296
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1257233 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	40.34	50.00	ug/L	81%		70-135	9	30
MTBE	44.50	50.00	ug/L	89%		70-130	3	30
Benzene	43.54	50.00	ug/L	87%		70-130	8	30
Trichloroethene	47.33	50.00	ug/L	95%		70-130	8	30
Toluene	47.52	50.00	ug/L	95%		70-130	10	30
Chlorobenzene	47.45	50.00	ug/L	95%		70-130	10	30
Surrogates								
Dibromofluoromethane	46.27	50.00	ug/L	93%		70-130		
1,2-Dichloroethane-d4	46.82	50.00	ug/L	94%		70-130		
Toluene-d8	52.49	50.00	ug/L	105%		70-130		
Bromofluorobenzene	51.07	50.00	ug/L	102%		70-130		

Batch QC

Type: Blank	Lab ID: QC1257237	Batch: 371296
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1257237 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.2	05/14/25	05/14/25
Freon 12	ND		ug/L	5.0	0.2	05/14/25	05/14/25
Chloromethane	ND		ug/L	5.0	0.1	05/14/25	05/14/25
Vinyl Chloride	ND		ug/L	5.0	0.1	05/14/25	05/14/25
Bromomethane	ND		ug/L	5.0	0.3	05/14/25	05/14/25
Chloroethane	ND		ug/L	5.0	0.05	05/14/25	05/14/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	05/14/25	05/14/25
Acetone	ND		ug/L	100	8.8	05/14/25	05/14/25
Freon 113	ND		ug/L	5.0	0.1	05/14/25	05/14/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	05/14/25	05/14/25
Methylene Chloride	ND		ug/L	5.0	0.2	05/14/25	05/14/25
MTBE	ND		ug/L	5.0	0.1	05/14/25	05/14/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	05/14/25	05/14/25
1,1-Dichloroethane	ND		ug/L	5.0	0.07	05/14/25	05/14/25
2-Butanone	ND		ug/L	100	0.9	05/14/25	05/14/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	05/14/25	05/14/25
2,2-Dichloropropane	ND		ug/L	5.0	0.09	05/14/25	05/14/25
Chloroform	ND		ug/L	5.0	0.07	05/14/25	05/14/25
Bromochloromethane	ND		ug/L	5.0	0.1	05/14/25	05/14/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	05/14/25	05/14/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	05/14/25	05/14/25
Carbon Tetrachloride	ND		ug/L	5.0	0.07	05/14/25	05/14/25
1,2-Dichloroethane	ND		ug/L	5.0	0.09	05/14/25	05/14/25
Benzene	ND		ug/L	5.0	0.07	05/14/25	05/14/25
Trichloroethene	ND		ug/L	5.0	0.05	05/14/25	05/14/25
1,2-Dichloropropane	ND		ug/L	5.0	0.07	05/14/25	05/14/25
Bromodichloromethane	ND		ug/L	5.0	0.05	05/14/25	05/14/25
Dibromomethane	ND		ug/L	5.0	0.1	05/14/25	05/14/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	05/14/25	05/14/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	05/14/25	05/14/25
Toluene	ND		ug/L	5.0	0.05	05/14/25	05/14/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	05/14/25	05/14/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	05/14/25	05/14/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	05/14/25	05/14/25
Tetrachloroethene	ND		ug/L	5.0	0.09	05/14/25	05/14/25
Dibromochloromethane	ND		ug/L	5.0	0.07	05/14/25	05/14/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	05/14/25	05/14/25
Chlorobenzene	ND		ug/L	5.0	0.05	05/14/25	05/14/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	05/14/25	05/14/25
Ethylbenzene	ND		ug/L	5.0	0.04	05/14/25	05/14/25
m,p-Xylenes	ND		ug/L	10	0.1	05/14/25	05/14/25
o-Xylene	ND		ug/L	5.0	0.06	05/14/25	05/14/25
Styrene	ND		ug/L	5.0	0.06	05/14/25	05/14/25
Bromoform	ND		ug/L	5.0	0.08	05/14/25	05/14/25
Isopropylbenzene	ND		ug/L	5.0	0.06	05/14/25	05/14/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	05/14/25	05/14/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	05/14/25	05/14/25

Batch QC

QC1257237 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.05	05/14/25	05/14/25
Bromobenzene	ND		ug/L	5.0	0.06	05/14/25	05/14/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	05/14/25	05/14/25
2-Chlorotoluene	ND		ug/L	5.0	0.07	05/14/25	05/14/25
4-Chlorotoluene	ND		ug/L	5.0	0.08	05/14/25	05/14/25
tert-Butylbenzene	ND		ug/L	5.0	0.07	05/14/25	05/14/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	05/14/25	05/14/25
sec-Butylbenzene	ND		ug/L	5.0	0.06	05/14/25	05/14/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	05/14/25	05/14/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	05/14/25	05/14/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	05/14/25	05/14/25
n-Butylbenzene	ND		ug/L	5.0	0.08	05/14/25	05/14/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	05/14/25	05/14/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	05/14/25	05/14/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	05/14/25	05/14/25
Hexachlorobutadiene	ND		ug/L	5.0	0.06	05/14/25	05/14/25
Naphthalene	ND		ug/L	5.0	0.3	05/14/25	05/14/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	05/14/25	05/14/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	05/14/25	05/14/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	05/14/25	05/14/25
Xylene (total)	ND		ug/L	5.0		05/14/25	05/14/25
Surrogates				Limits			
Dibromofluoromethane	96%		%REC	70-130		05/14/25	05/14/25
1,2-Dichloroethane-d4	99%		%REC	70-130		05/14/25	05/14/25
Toluene-d8	105%		%REC	70-130		05/14/25	05/14/25
Bromofluorobenzene	99%		%REC	70-130		05/14/25	05/14/25

Type: Matrix Spike	Lab ID: QC1257313	Batch: 371296
Matrix (Source ID): Water (532904-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1257313 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	14.91	ND	20.00	ug/L	75%		70-130	1
MTBE	16.93	ND	20.00	ug/L	85%		75-130	1
Benzene	16.71	ND	20.00	ug/L	84%		70-130	1
Trichloroethene	19.04	ND	20.00	ug/L	95%		63-130	1
Toluene	18.93	ND	20.00	ug/L	95%		70-130	1
Chlorobenzene	18.99	ND	20.00	ug/L	95%		70-130	1
Surrogates								
Dibromofluoromethane	46.59		50.00	ug/L	93%		70-130	1
1,2-Dichloroethane-d4	47.41		50.00	ug/L	95%		70-130	1
Toluene-d8	53.32		50.00	ug/L	107%		70-130	1
Bromofluorobenzene	50.08		50.00	ug/L	100%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1257314	Batch: 371296
Matrix (Source ID): Water (532904-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1257314 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	15.57	ND	20.00	ug/L	78%		70-130	4	30	1
MTBE	17.11	ND	20.00	ug/L	86%		75-130	1	30	1
Benzene	17.28	ND	20.00	ug/L	86%		70-130	3	30	1
Trichloroethene	19.54	ND	20.00	ug/L	98%		63-130	3	30	1
Toluene	19.47	ND	20.00	ug/L	97%		70-130	3	30	1
Chlorobenzene	19.56	ND	20.00	ug/L	98%		70-130	3	30	1
Surrogates										
Dibromofluoromethane	45.93		50.00	ug/L	92%		70-130			1
1,2-Dichloroethane-d4	47.12		50.00	ug/L	94%		70-130			1
Toluene-d8	53.73		50.00	ug/L	107%		70-130			1
Bromofluorobenzene	49.22		50.00	ug/L	98%		70-130			1

Type: Lab Control Sample	Lab ID: QC1260031	Batch: 372134
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1260031 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	59.19	50.00	ug/L	118%		70-135
MTBE	57.71	50.00	ug/L	115%		70-130
Benzene	51.49	50.00	ug/L	103%		70-130
Trichloroethene	52.20	50.00	ug/L	104%		70-130
Toluene	52.66	50.00	ug/L	105%		70-130
Chlorobenzene	54.86	50.00	ug/L	110%		70-130
Surrogates						
Dibromofluoromethane	57.88	50.00	ug/L	116%		70-130
1,2-Dichloroethane-d4	49.07	50.00	ug/L	98%		70-130
Toluene-d8	50.30	50.00	ug/L	101%		70-130
Bromofluorobenzene	47.99	50.00	ug/L	96%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1260032	Batch: 372134
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1260032 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	58.10	50.00	ug/L	116%		70-135	2	30
MTBE	57.37	50.00	ug/L	115%		70-130	1	30
Benzene	50.97	50.00	ug/L	102%		70-130	1	30
Trichloroethene	53.12	50.00	ug/L	106%		70-130	2	30
Toluene	52.90	50.00	ug/L	106%		70-130	0	30
Chlorobenzene	55.25	50.00	ug/L	110%		70-130	1	30
Surrogates								
Dibromofluoromethane	56.13	50.00	ug/L	112%		70-130		
1,2-Dichloroethane-d4	49.11	50.00	ug/L	98%		70-130		
Toluene-d8	50.80	50.00	ug/L	102%		70-130		
Bromofluorobenzene	48.06	50.00	ug/L	96%		70-130		

Batch QC

Type: Blank	Lab ID: QC1260036	Batch: 372134
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1260036 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.5	05/23/25	05/23/25
Freon 12	ND		ug/L	5.0	0.2	05/23/25	05/23/25
Chloromethane	ND		ug/L	5.0	0.3	05/23/25	05/23/25
Vinyl Chloride	ND		ug/L	5.0	0.1	05/23/25	05/23/25
Bromomethane	ND		ug/L	5.0	0.4	05/23/25	05/23/25
Chloroethane	ND		ug/L	5.0	0.3	05/23/25	05/23/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	05/23/25	05/23/25
Acetone	ND		ug/L	100	21	05/23/25	05/23/25
Freon 113	ND		ug/L	5.0	0.1	05/23/25	05/23/25
1,1-Dichloroethene	ND		ug/L	5.0	0.08	05/23/25	05/23/25
Methylene Chloride	ND		ug/L	5.0	2.4	05/23/25	05/23/25
MTBE	ND		ug/L	5.0	0.09	05/23/25	05/23/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	05/23/25	05/23/25
1,1-Dichloroethane	ND		ug/L	5.0	0.09	05/23/25	05/23/25
2-Butanone	ND		ug/L	100	1.7	05/23/25	05/23/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	05/23/25	05/23/25
2,2-Dichloropropane	ND		ug/L	5.0	0.1	05/23/25	05/23/25
Chloroform	ND		ug/L	5.0	0.1	05/23/25	05/23/25
Bromochloromethane	ND		ug/L	5.0	0.2	05/23/25	05/23/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	05/23/25	05/23/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	05/23/25	05/23/25
Carbon Tetrachloride	ND		ug/L	5.0	0.1	05/23/25	05/23/25
1,2-Dichloroethane	ND		ug/L	5.0	0.2	05/23/25	05/23/25
Benzene	ND		ug/L	5.0	0.1	05/23/25	05/23/25
Trichloroethene	ND		ug/L	5.0	0.2	05/23/25	05/23/25
1,2-Dichloropropane	ND		ug/L	5.0	0.1	05/23/25	05/23/25
Bromodichloromethane	ND		ug/L	5.0	0.08	05/23/25	05/23/25
Dibromomethane	ND		ug/L	5.0	0.2	05/23/25	05/23/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	05/23/25	05/23/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	05/23/25	05/23/25
Toluene	ND		ug/L	5.0	0.1	05/23/25	05/23/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	05/23/25	05/23/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	05/23/25	05/23/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	05/23/25	05/23/25
Tetrachloroethene	ND		ug/L	5.0	0.09	05/23/25	05/23/25
Dibromochloromethane	ND		ug/L	5.0	0.1	05/23/25	05/23/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	05/23/25	05/23/25
Chlorobenzene	ND		ug/L	5.0	0.09	05/23/25	05/23/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	05/23/25	05/23/25
Ethylbenzene	ND		ug/L	5.0	0.1	05/23/25	05/23/25
m,p-Xylenes	ND		ug/L	10	0.2	05/23/25	05/23/25
o-Xylene	ND		ug/L	5.0	0.1	05/23/25	05/23/25
Styrene	ND		ug/L	5.0	0.1	05/23/25	05/23/25
Bromoform	ND		ug/L	5.0	0.2	05/23/25	05/23/25
Isopropylbenzene	ND		ug/L	5.0	0.1	05/23/25	05/23/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	05/23/25	05/23/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	05/23/25	05/23/25

Batch QC

QC1260036 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.2	05/23/25	05/23/25
Bromobenzene	ND		ug/L	5.0	0.1	05/23/25	05/23/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	05/23/25	05/23/25
2-Chlorotoluene	ND		ug/L	5.0	0.1	05/23/25	05/23/25
4-Chlorotoluene	ND		ug/L	5.0	0.1	05/23/25	05/23/25
tert-Butylbenzene	ND		ug/L	5.0	0.2	05/23/25	05/23/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	05/23/25	05/23/25
sec-Butylbenzene	ND		ug/L	5.0	0.2	05/23/25	05/23/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	05/23/25	05/23/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	05/23/25	05/23/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	05/23/25	05/23/25
n-Butylbenzene	ND		ug/L	5.0	0.4	05/23/25	05/23/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	05/23/25	05/23/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	05/23/25	05/23/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	05/23/25	05/23/25
Hexachlorobutadiene	ND		ug/L	5.0	0.4	05/23/25	05/23/25
Naphthalene	ND		ug/L	5.0	0.3	05/23/25	05/23/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	05/23/25	05/23/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	05/23/25	05/23/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	05/23/25	05/23/25
Xylene (total)	ND		ug/L	5.0		05/23/25	05/23/25
Surrogates	Limits						
Dibromofluoromethane	115%		%REC	70-130		05/23/25	05/23/25
1,2-Dichloroethane-d4	98%		%REC	70-130		05/23/25	05/23/25
Toluene-d8	105%		%REC	70-130		05/23/25	05/23/25
Bromofluorobenzene	102%		%REC	70-130		05/23/25	05/23/25

Type: Matrix Spike	Lab ID: QC1260073	Batch: 372134
Matrix (Source ID): Water (533402-002)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1260073 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	110.2	8.426	100.0	ug/L	102%		70-130	5
MTBE	94.86	ND	100.0	ug/L	95%		75-130	5
Benzene	92.43	ND	100.0	ug/L	92%		70-130	5
Trichloroethene	97.36	ND	100.0	ug/L	97%		63-130	5
Toluene	95.33	ND	100.0	ug/L	95%		70-130	5
Chlorobenzene	99.39	ND	100.0	ug/L	99%		70-130	5
Surrogates								
Dibromofluoromethane	281.4		250.0	ug/L	113%		70-130	5
1,2-Dichloroethane-d4	242.4		250.0	ug/L	97%		70-130	5
Toluene-d8	259.5		250.0	ug/L	104%		70-130	5
Bromofluorobenzene	246.3		250.0	ug/L	99%		70-130	5

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1260074	Batch: 372134
Matrix (Source ID): Water (533402-002)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1260074 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	116.8	8.426	100.0	ug/L	108%		70-130	6	30	5
MTBE	102.2	ND	100.0	ug/L	102%		75-130	7	30	5
Benzene	97.30	ND	100.0	ug/L	97%		70-130	5	30	5
Trichloroethene	98.09	ND	100.0	ug/L	98%		63-130	1	30	5
Toluene	97.66	ND	100.0	ug/L	98%		70-130	2	30	5
Chlorobenzene	101.0	ND	100.0	ug/L	101%		70-130	2	30	5
Surrogates										
Dibromofluoromethane	295.5		250.0	ug/L	118%		70-130			5
1,2-Dichloroethane-d4	249.9		250.0	ug/L	100%		70-130			5
Toluene-d8	252.7		250.0	ug/L	101%		70-130			5
Bromofluorobenzene	246.0		250.0	ug/L	98%		70-130			5

Type: Blank	Lab ID: QC1258160	Batch: 371590
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1258160 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.88	05/16/25	05/17/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		05/16/25	05/17/25

Type: Lab Control Sample	Lab ID: QC1258161	Batch: 371590
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1258161 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	10.28	10.00	ug/L	103%		80-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.14	10.00	ug/L	101%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1258162	Batch: 371590
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1258162 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	9.938	10.00	ug/L	99%		80-120	3	20
Surrogates								
1,4-Dioxane-d8 (SUR)	9.839	10.00	ug/L	98%		80-120		

Type: Blank	Lab ID: QC1258632	Batch: 371746
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1258632 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		05/19/25	05/19/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1258633	Batch: 371746
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1258633 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1258636	Batch: 371746
Matrix (Source ID): Drinking Water (532877-003)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1258636 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: QC1258637	Batch: 371746
Matrix (Source ID): Drinking Water (532877-003)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1258637 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: QC1259105	Batch: 371858
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1259105 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.68	05/20/25	05/20/25

Type: Lab Control Sample	Lab ID: QC1259106	Batch: 371858
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1259106 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	22.89	25.00	mg/L	92%		85-115

Type: Matrix Spike	Lab ID: QC1259111	Batch: 371858
Matrix (Source ID): Water (532753-003)	Method: SM 5310B	Prep Method: SM 5310B

QC1259111 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	27.34	1.229	25.00	mg/L	104%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1259112	Batch: 371858
Matrix (Source ID): Water (532753-003)	Method: SM 5310B	Prep Method: SM 5310B

QC1259112 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Total Organic Carbon	28.43	1.229	25.00	mg/L	109%		75-125	4	25	1

Batch QC

Type: Blank	Lab ID: QC1258532	Batch: 371695
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1258532 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		05/17/25	05/17/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		05/17/25	05/17/25

Type: Lab Control Sample	Lab ID: QC1258533	Batch: 371695
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1258533 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	954.7	1000	mg/L	95%		90-110

Type: Sample Duplicate	Lab ID: QC1258534	Batch: 371695
Matrix (Source ID): Water (533031-006)	Method: SM2320B	Prep Method: METHOD

QC1258534 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	465.1	467.9	mg/L		1	20	5
Alkalinity, Total as CaCO ₃	465.1	467.9	mg/L		1	20	5

Type: Blank	Lab ID: QC1257813	Batch: 371485
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1257813 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		05/15/25	05/18/25

Type: Lab Control Sample	Lab ID: QC1257814	Batch: 371485
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1257814 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,012	1000	mg/L	101%		90-110

Type: Sample Duplicate	Lab ID: QC1257815	Batch: 371485
Matrix (Source ID): Water (532904-001)	Method: SM2540C	Prep Method: METHOD

QC1257815 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	1,162	1152	mg/L		1	5	2

Type: Sample Duplicate	Lab ID: QC1257816	Batch: 371485
Matrix (Source ID): Water (532926-008)	Method: SM2540C	Prep Method: METHOD

QC1257816 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	3,900	3956	mg/L		1	5	4

Batch QC

ND Not Detected
NM Not Meaningful

Laboratory Job Number 532904

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2505A19

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-532904

Project Location:

Project Received: 05/15/2025

Analytical Report reviewed & approved for release on 05/20/2025 by:

Tracy Babjar

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: 2505A19

Project: EO-532904

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: 2505A19

Project: EO-532904

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: 05/15/2025 12:04
Date Prepared: 05/19/2025
Project: EO-532904

WorkOrder: 2505A19
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	2505A19-001A	Water	05/12/2025 09:22	GC26 0519250604.D	317644

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	840	50	50	1	05/19/2025 07:32

Analyst(s): PRE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-8	2505A19-002A	Water	05/12/2025 10:55	GC26 0519250605.D	317644

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	31,000	2500	2500	50	05/19/2025 07:59

Analyst(s): PRE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-9	2505A19-003A	Water	05/12/2025 12:20	GC26 0519250606.D	317644

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	810	50	50	1	05/19/2025 08:29

Analyst(s): PRE

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 05/15/2025 12:04
Date Prepared: 05/19/2025
Project: EO-532904

WorkOrder: 2505A19
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	2505A19-004A	Water	05/12/2025 13:26	GC26 0519250607.D	317644

Analytes	Result	MDL	RL	DE	Date Analyzed
Carbon Dioxide	60,000	2500	2500	50	05/19/2025 09:36

Analyst(s): PRE



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 05/19/2025
Date Analyzed: 05/19/2025
Instrument: GC26
Matrix: Water
Project: EO-532904

WorkOrder: 2505A19
BatchID: 317644
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-317644

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	75	70-130	2.85	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: 2505A19

ClientCode: ENO

QuoteID: 243367

☐ 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-532904

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: 05/15/2025

Date Logged: 05/15/2025

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2505A19-001	DW-28	Water	5/12/2025 09:22	☐	A	A										
2505A19-002	DW-8	Water	5/12/2025 10:55	☐	A	A										
2505A19-003	DW-9	Water	5/12/2025 12:20	☐	A	A										
2505A19-004	DW-31	Water	5/12/2025 13:26	☐	A	A										

Test Legend:

1	PRDisposal Fee
5	
9	

2	RSK175_CO2_W
6	
10	

3	
7	
11	

4	
8	
12	

Project Manager: Yen Cao

Prepared by: Adrianna Cardoza

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-532904

Work Order: 2505A19

Client Contact: Zach Barker

QC Level: LEVEL 2

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

Comments:

Date Logged: 5/15/2025

☐ 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)	3	VOA, Unpres	☐	☐	☐	5/12/2025 9:22	2 days	5/19/2025	None	☐	☐
002A	DW-8	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	5/12/2025 10:55	2 days	5/19/2025	Present	☐	☐
003A	DW-9	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	5/12/2025 12:20	2 days	5/19/2025	None	☐	☐
004A	DW-31	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	5/12/2025 13:26	2 days	5/19/2025	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.

2505A19



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

Subcontract Laboratory:
McCampbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 243667
PO #: PO-079649

Enthalpy Order: EO-532904
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	12-MAY-2025 09:22	532904-001	3	Water	RSK-175 CO2	
DW-8	12-MAY-2025 10:55	532904-002	3	Water	RSK-175 CO2	
DW-9	12-MAY-2025 12:20	532904-003	3	Water	RSK-175 CO2	
DW-31	12-MAY-2025 13:26	532904-004	3	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	<i>Cara Robert</i>	<i>[Signature]</i>
	Date: 5-14-25 16:20	Date: 5-15-25 1204
	Date:	Date:
	Date:	Date:

1.5 wt.
IR43



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-532904

Date and Time Received: 5/15/2025 12:04
Date Logged: 5/15/2025
Received by: Adrianna Cardoza
Logged by: Adrianna Cardoza

WorkOrder №: 2505A19 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 ☐

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 : 533035
Report Level : II
Report Date : 05/29/2025

Analytical Report *prepared for:*

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

Project: GW MONITORING - 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, 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 #: 533035
Project No: GW MONITORING
Location: Quarterly MPars
Date Received: 05/13/25

Sample ID	Lab ID	Collected	Matrix
DW-12	533035-001	05/13/25 08:38	Water
DW-7	533035-002	05/13/25 09:35	Water
DW-18	533035-003	05/13/25 10:37	Water
DW-21	533035-004	05/13/25 11:20	Water
DW-29	533035-005	05/13/25 12:35	Water
QCFB	533035-006	05/13/25 09:38	Water
QCTB	533035-007	05/13/25 00:00	Water

Case Narrative

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

Lab Job Number: 533035
Project No: GW MONITORING
Location: Quarterly MPars
Date Received: 05/13/25

This data package contains sample and QC results for seven water samples, requested for the above referenced project on 05/14/25. The samples were received cold and intact.

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

- Many analytes were analyzed outside of hold time; affected data was qualified with "H".
- QCFB (lab # 533035-006) and QCTB (lab # 533035-007) 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):

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):

- Ammonia-N was detected between the MDL and the RL in the method blank for batch 372054; this analyte was not detected in samples at or above the RL.
- 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

Enthalpy Analytical

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

Chain of Custody Record

Lab No: 533035

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:
33.3
16.3 (lab use only)

CUSTOMER 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:

PROJECT INFORMATION

Name: Steve Cassulo
Number: 661-257-3655
P.O. #:
Address:
Global ID: L10003464243
Sampled By: Paul Chang

Analysis Request

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 ☒

Test Instructions / Comments

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

Sample ID

1 DW-12
2 DW-7
3 DW-18
4 DW-21
5 DW-29
6 QCFB
7 QCTB
8
9
10

Sampling Date

5/13/25
5/13/25
5/13/25
5/13/25
5/13/25
5/13/25
5/13/25

Sampling Time

838
935
1037
1120
1235
938
—

Container No. / Size

13
—
—
—
—
3
2

Matrix

W
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Signature

1 Relinquished By: [Signature]
1 Received By: [Signature]
2 Relinquished By: [Signature]
2 Received By: [Signature]
3 Relinquished By: [Signature]
3 Received By: [Signature]

Print Name

Paul Chang
ALICE TAHMASIAN
Alice Tahmasian
Hrayg B.
Hrayg B.
Ghim

Company / Title

CEI
EA/WH
EA/WH
EA/WH
EA/WH
GA

Date / Time

5/13/25 1:36
5/13/25 1:36
5/14/25 0815
5/14/25 0815
5/14/25 1115
5/14/25 1110

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 05-13-25 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

Section 3a: Condition / Packaging

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

Date Opened 05-13-25 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°C

Cooler Temp (°C) #1: 11.8 / 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?	☒		
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) _____

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 5/14/25 WO# 533035 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 5/14/25 By (initials) AGR 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

Cooler Temp (°C) #1: 3.3 / 3.3 #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~~ x

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

~~x~~ 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?

x

Section 5: Explanations / Comments

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

4-9) samples out thru coo: TOC bottle not received
4-13) QCTB: 1 of 2 vials > 6mm

☐ No additional discrepancies

Date Logged 5/13/25

By (print) GCK

(sign) [Signature]

Date Labeled 5/13/25

By (print) AGR AGR

(sign) [Signature]

GCK

Analysis Results for 533035

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

Lab Job #: 533035
Project No: GW MONITORING
Location: Quarterly MPars
Date Received: 05/13/25

Sample ID: DW-12

Lab ID: 533035-001

Collected: 05/13/25 08:38

Matrix: Water

533035-001 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	0.072	1	371329	05/14/25 13:10	05/14/25 21:07	KUM
Chloride	190		mg/L	1.0	0.27	1	371329	05/14/25 13:10	05/14/25 21:07	KUM
Bromide	0.74		mg/L	0.30	0.060	1	371329	05/14/25 13:10	05/14/25 21:07	KUM
Nitrogen, Nitrate	3.6		mg/L	0.10	0.05	1	371329	05/14/25 13:10	05/14/25 21:07	KUM
Sulfate	300		mg/L	10	2.5	10	371329	05/14/25 13:10	05/14/25 21:28	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	0.055	B,J	mg/L	0.10	0.050	1	372054	05/22/25	05/22/25	DAD
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	13		mg/L	4.0	2.0	1	372078	05/22/25	05/23/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.21		mg/L	0.050	0.0055	1	371507	05/16/25	05/16/25	SBW
Calcium	24		mg/L	0.57	0.57	1	371507	05/16/25	05/16/25	SBW
Iron	ND		mg/L	0.046	0.046	1	371507	05/16/25	05/16/25	SBW
Magnesium	3.0		mg/L	0.10	0.025	1	371507	05/16/25	05/16/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	371507	05/16/25	05/16/25	SBW
Potassium	1.7		mg/L	0.50	0.40	1	371507	05/16/25	05/16/25	SBW
Sodium	280		mg/L	0.50	0.34	1	371507	05/16/25	05/16/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	372217	05/24/25	05/24/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	372217	05/24/25	05/24/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	372217	05/24/25	05/24/25	ZST
Acetone	ND		ug/L	100	21	1	372217	05/24/25	05/24/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	372217	05/24/25	05/24/25	ZST
Methylene Chloride	ND		ug/L	5.0	2.4	1	372217	05/24/25	05/24/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	372217	05/24/25	05/24/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	372217	05/24/25	05/24/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	372217	05/24/25	05/24/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST

Analysis Results for 533035

533035-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	372217	05/24/25	05/24/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
Benzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	372217	05/24/25	05/24/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	372217	05/24/25	05/24/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	372217	05/24/25	05/24/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	372217	05/24/25	05/24/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	372217	05/24/25	05/24/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	372217	05/24/25	05/24/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	372217	05/24/25	05/24/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	372217	05/24/25	05/24/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	372217	05/24/25	05/24/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	372217	05/24/25	05/24/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
Xylene (total)	ND		ug/L	5.0		1	372217	05/24/25	05/24/25	ZST
Surrogates			Limits							
Dibromofluoromethane	106%		%REC	70-130		1	372217	05/24/25	05/24/25	ZST

Analysis Results for 533035

533035-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	97%		%REC	70-130		1	372217	05/24/25	05/24/25	ZST
Toluene-d8	106%		%REC	70-130		1	372217	05/24/25	05/24/25	ZST
Bromofluorobenzene	101%		%REC	70-130		1	372217	05/24/25	05/24/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

1,4-Dioxane	ND		ug/L	1.0	0.88	1	371590	05/16/25	05/17/25	TJW
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	371590	05/16/25	05/17/25	TJW

Method: SM 4500-S2-D

Prep Method: METHOD

Sulfide	ND		mg/L	0.10		1	371821	05/20/25	05/20/25	LVL

Method: SM 5310B

Prep Method: SM 5310B

Total Organic Carbon	2.1		mg/L	1.0	0.68	1	372370	05/27/25	05/28/25	TDD

Method: SM2320B

Prep Method: METHOD

Alkalinity, Bicarbonate, as CaCO3	160		mg/L	10		5	371759	05/19/25	05/19/25	WWC
Alkalinity, Total as CaCO3	160		mg/L	10		5	371759	05/19/25	05/19/25	WWC

Method: SM2540C

Prep Method: METHOD

Total Dissolved Solids	950		mg/L	20		2	371752	05/19/25	05/20/25	RDL

Analysis Results for 533035

Sample ID: DW-7

Lab ID: 533035-002

Collected: 05/13/25 09:35

Matrix: Water

533035-002 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	0.072	1	371329	05/14/25 13:10	05/14/25 22:30	SSN
Chloride	81		mg/L	1.0	0.27	1	371329	05/14/25 13:10	05/14/25 22:30	SSN
Bromide	0.17	J	mg/L	0.30	0.060	1	371329	05/14/25 13:10	05/14/25 22:30	SSN
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	371329	05/14/25 13:10	05/14/25 22:30	SSN
Sulfate	650		mg/L	10	2.5	10	371329	05/14/25 13:10	05/14/25 23:33	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	372054	05/22/25	05/22/25	DAD
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	11		mg/L	4.0	2.0	1	372078	05/22/25	05/23/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.17		mg/L	0.050	0.0055	1	371507	05/16/25	05/16/25	SBW
Calcium	34		mg/L	0.57	0.57	1	371507	05/16/25	05/16/25	SBW
Iron	ND		mg/L	0.046	0.046	1	371507	05/16/25	05/16/25	SBW
Magnesium	1.6		mg/L	0.10	0.025	1	371507	05/16/25	05/16/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	371507	05/16/25	05/16/25	SBW
Potassium	1.1		mg/L	0.50	0.40	1	371507	05/16/25	05/16/25	SBW
Sodium	330		mg/L	0.50	0.34	1	371507	05/16/25	05/16/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	372217	05/24/25	05/24/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	372217	05/24/25	05/24/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	372217	05/24/25	05/24/25	ZST
Acetone	ND		ug/L	100	21	1	372217	05/24/25	05/24/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	372217	05/24/25	05/24/25	ZST
Methylene Chloride	ND		ug/L	5.0	2.4	1	372217	05/24/25	05/24/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	372217	05/24/25	05/24/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	372217	05/24/25	05/24/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	372217	05/24/25	05/24/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	372217	05/24/25	05/24/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST

Analysis Results for 533035

533035-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	372217	05/24/25	05/24/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	372217	05/24/25	05/24/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	372217	05/24/25	05/24/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	372217	05/24/25	05/24/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	372217	05/24/25	05/24/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	372217	05/24/25	05/24/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	372217	05/24/25	05/24/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	372217	05/24/25	05/24/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	372217	05/24/25	05/24/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	372217	05/24/25	05/24/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
Xylene (total)	ND		ug/L	5.0		1	372217	05/24/25	05/24/25	ZST
Surrogates				Limits						
Dibromofluoromethane	105%	%REC	70-130		1	372217	05/24/25	05/24/25		ZST
1,2-Dichloroethane-d4	96%	%REC	70-130		1	372217	05/24/25	05/24/25		ZST
Toluene-d8	105%	%REC	70-130		1	372217	05/24/25	05/24/25		ZST
Bromofluorobenzene	101%	%REC	70-130		1	372217	05/24/25	05/24/25		ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 533035

533035-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.88	1	371590	05/16/25	05/17/25	TJW
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	98%		%REC	80-120		1	371590	05/16/25	05/17/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	371821	05/20/25	05/20/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	0.90	J	mg/L	1.0	0.68	1	372370	05/27/25	05/28/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	99		mg/L	2.5		1.3	371759	05/19/25	05/19/25	WWC
Alkalinity, Total as CaCO3	99		mg/L	2.5		1.3	371759	05/19/25	05/19/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,200		mg/L	20		2	371752	05/19/25	05/20/25	RDL

Analysis Results for 533035

Sample ID: DW-18
Lab ID: 533035-003
Collected: 05/13/25 10:37
Matrix: Water

533035-003 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	0.072	1	371329	05/14/25 13:10	05/14/25 23:54	SSN
Chloride	110		mg/L	1.0	0.27	1	371329	05/14/25 13:10	05/14/25 23:54	SSN
Bromide	0.31		mg/L	0.30	0.060	1	371329	05/14/25 13:10	05/14/25 23:54	SSN
Nitrogen, Nitrate	2.8		mg/L	0.10	0.05	1	371329	05/14/25 13:10	05/14/25 23:54	SSN
Sulfate	340		mg/L	10	2.5	10	371329	05/14/25 13:10	05/15/25 00:15	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	372054	05/22/25	05/22/25	DAD
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	21		mg/L	4.0	2.0	1	372078	05/22/25	05/23/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.32		mg/L	0.050	0.0055	1	371507	05/16/25	05/16/25	SBW
Calcium	25		mg/L	0.57	0.57	1	371507	05/16/25	05/16/25	SBW
Iron	ND		mg/L	0.046	0.046	1	371507	05/16/25	05/16/25	SBW
Magnesium	2.0		mg/L	0.10	0.025	1	371507	05/16/25	05/16/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	371507	05/16/25	05/16/25	SBW
Potassium	1.5		mg/L	0.50	0.40	1	371507	05/16/25	05/16/25	SBW
Sodium	280		mg/L	0.50	0.34	1	371507	05/16/25	05/16/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	372217	05/24/25	05/24/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	372217	05/24/25	05/24/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	372217	05/24/25	05/24/25	ZST
Acetone	ND		ug/L	100	21	1	372217	05/24/25	05/24/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	372217	05/24/25	05/24/25	ZST
Methylene Chloride	ND		ug/L	5.0	2.4	1	372217	05/24/25	05/24/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	372217	05/24/25	05/24/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	372217	05/24/25	05/24/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	372217	05/24/25	05/24/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	372217	05/24/25	05/24/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST

Analysis Results for 533035

533035-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	372217	05/24/25	05/24/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	372217	05/24/25	05/24/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	372217	05/24/25	05/24/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	372217	05/24/25	05/24/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	372217	05/24/25	05/24/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	372217	05/24/25	05/24/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	372217	05/24/25	05/24/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	372217	05/24/25	05/24/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	372217	05/24/25	05/24/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	372217	05/24/25	05/24/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
Xylene (total)	ND		ug/L	5.0		1	372217	05/24/25	05/24/25	ZST
Surrogates				Limits						
Dibromofluoromethane	106%	%REC	70-130			1	372217	05/24/25	05/24/25	ZST
1,2-Dichloroethane-d4	97%	%REC	70-130			1	372217	05/24/25	05/24/25	ZST
Toluene-d8	106%	%REC	70-130			1	372217	05/24/25	05/24/25	ZST
Bromofluorobenzene	102%	%REC	70-130			1	372217	05/24/25	05/24/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 533035

533035-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.88	1	371590	05/16/25	05/17/25	TJW
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	371590	05/16/25	05/17/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	371821	05/20/25	05/20/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	4.3		mg/L	1.0	0.68	1	372370	05/27/25	05/28/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	240		mg/L	10		5	371759	05/19/25	05/19/25	WWC
Alkalinity, Total as CaCO3	240		mg/L	10		5	371759	05/19/25	05/19/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	950		mg/L	20		2	371752	05/19/25	05/20/25	RDL

Analysis Results for 533035

Sample ID: DW-21
Lab ID: 533035-004
Collected: 05/13/25 11:20
Matrix: Water

533035-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.90		mg/L	0.20	0.072	1	371329	05/14/25 13:10	05/15/25 00:36	SSN
Chloride	54		mg/L	1.0	0.27	1	371329	05/14/25 13:10	05/15/25 00:36	SSN
Bromide	0.15	J	mg/L	0.30	0.060	1	371329	05/14/25 13:10	05/15/25 00:36	SSN
Nitrogen, Nitrate	0.11		mg/L	0.10	0.05	1	371329	05/14/25 13:10	05/15/25 00:36	SSN
Sulfate	120		mg/L	10	2.5	10	371329	05/14/25 13:10	05/15/25 00:56	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	372054	05/22/25	05/22/25	DAD
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	8.0		mg/L	4.0	2.0	1	372078	05/22/25	05/23/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.26		mg/L	0.050	0.0055	1	371507	05/16/25	05/16/25	SBW
Calcium	3.7		mg/L	0.57	0.57	1	371507	05/16/25	05/16/25	SBW
Iron	0.24		mg/L	0.046	0.046	1	371507	05/16/25	05/16/25	SBW
Magnesium	0.20		mg/L	0.10	0.025	1	371507	05/16/25	05/16/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	371507	05/16/25	05/16/25	SBW
Potassium	0.46	J	mg/L	0.50	0.40	1	371507	05/16/25	05/16/25	SBW
Sodium	140		mg/L	0.50	0.34	1	371507	05/16/25	05/16/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	372217	05/24/25	05/24/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	372217	05/24/25	05/24/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	372217	05/24/25	05/24/25	ZST
Acetone	ND		ug/L	100	21	1	372217	05/24/25	05/24/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	372217	05/24/25	05/24/25	ZST
Methylene Chloride	ND		ug/L	5.0	2.4	1	372217	05/24/25	05/24/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	372217	05/24/25	05/24/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	372217	05/24/25	05/24/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	372217	05/24/25	05/24/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	372217	05/24/25	05/24/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST

Analysis Results for 533035

533035-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	372217	05/24/25	05/24/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	372217	05/24/25	05/24/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	372217	05/24/25	05/24/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	372217	05/24/25	05/24/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	372217	05/24/25	05/24/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	372217	05/24/25	05/24/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	372217	05/24/25	05/24/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	372217	05/24/25	05/24/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	372217	05/24/25	05/24/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	372217	05/24/25	05/24/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
Xylene (total)	ND		ug/L	5.0		1	372217	05/24/25	05/24/25	ZST
Surrogates			Limits							
Dibromofluoromethane	110%		%REC	70-130		1	372217	05/24/25	05/24/25	ZST
1,2-Dichloroethane-d4	102%		%REC	70-130		1	372217	05/24/25	05/24/25	ZST
Toluene-d8	103%		%REC	70-130		1	372217	05/24/25	05/24/25	ZST
Bromofluorobenzene	102%		%REC	70-130		1	372217	05/24/25	05/24/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 533035

533035-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.88	1	371590	05/16/25	05/17/25	TJW
Surrogates			Limits							
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	371590	05/16/25	05/17/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	371821	05/20/25	05/20/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	1.3		mg/L	1.0	0.68	1	372370	05/27/25	05/28/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	110		mg/L	2.5		1.3	371759	05/19/25	05/19/25	WWC
Alkalinity, Total as CaCO3	140		mg/L	2.5		1.3	371759	05/19/25	05/19/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	460		mg/L	20		2	371752	05/19/25	05/20/25	RDL

Analysis Results for 533035

Sample ID: DW-29
Lab ID: 533035-005
Collected: 05/13/25 12:35
Matrix: Water

533035-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.38		mg/L	0.20	0.072	1	371329	05/14/25 13:10	05/15/25 01:17	SSN
Chloride	94		mg/L	1.0	0.27	1	371329	05/14/25 13:10	05/15/25 01:17	SSN
Bromide	0.29	J	mg/L	0.30	0.060	1	371329	05/14/25 13:10	05/15/25 01:17	SSN
Nitrogen, Nitrate	2.2		mg/L	0.10	0.05	1	371329	05/14/25 13:10	05/15/25 01:17	SSN
Sulfate	370		mg/L	10	2.5	10	371329	05/14/25 13:10	05/15/25 01:38	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	372054	05/22/25	05/22/25	DAD
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	26		mg/L	4.0	2.0	1	372078	05/22/25	05/23/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.38		mg/L	0.050	0.0055	1	371507	05/16/25	05/16/25	SBW
Calcium	73		mg/L	0.57	0.57	1	371507	05/16/25	05/16/25	SBW
Iron	0.093		mg/L	0.046	0.046	1	371507	05/16/25	05/16/25	SBW
Magnesium	9.4		mg/L	0.10	0.025	1	371507	05/16/25	05/16/25	SBW
Manganese	0.14		mg/L	0.010	0.0029	1	371507	05/16/25	05/16/25	SBW
Potassium	1.4		mg/L	0.50	0.40	1	371507	05/16/25	05/16/25	SBW
Sodium	250		mg/L	0.50	0.34	1	371507	05/16/25	05/16/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	372217	05/24/25	05/24/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	372217	05/24/25	05/24/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	372217	05/24/25	05/24/25	ZST
Acetone	ND		ug/L	100	21	1	372217	05/24/25	05/24/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	372217	05/24/25	05/24/25	ZST
Methylene Chloride	ND		ug/L	5.0	2.4	1	372217	05/24/25	05/24/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	372217	05/24/25	05/24/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	372217	05/24/25	05/24/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	372217	05/24/25	05/24/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	372217	05/24/25	05/24/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST

Analysis Results for 533035

533035-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	372217	05/24/25	05/24/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	372217	05/24/25	05/24/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	372217	05/24/25	05/24/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	372217	05/24/25	05/24/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	372217	05/24/25	05/24/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	372217	05/24/25	05/24/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	372217	05/24/25	05/24/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	372217	05/24/25	05/24/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	372217	05/24/25	05/24/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	372217	05/24/25	05/24/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
Xylene (total)	ND		ug/L	5.0		1	372217	05/24/25	05/24/25	ZST
Surrogates				Limits						
Dibromofluoromethane	108%	%REC	70-130		1	372217	05/24/25	05/24/25		ZST
1,2-Dichloroethane-d4	99%	%REC	70-130		1	372217	05/24/25	05/24/25		ZST
Toluene-d8	104%	%REC	70-130		1	372217	05/24/25	05/24/25		ZST
Bromofluorobenzene	102%	%REC	70-130		1	372217	05/24/25	05/24/25		ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 533035

533035-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.88	1	371590	05/16/25	05/17/25	TJW
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	371590	05/16/25	05/17/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	371821	05/20/25	05/20/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	7.7		mg/L	1.0	0.68	1	372370	05/27/25	05/28/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	270		mg/L	10		5	371759	05/19/25	05/19/25	WWC
Alkalinity, Total as CaCO3	270		mg/L	10		5	371759	05/19/25	05/19/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,000		mg/L	20		2	371752	05/19/25	05/20/25	RDL

Analysis Results for 533035

Sample ID: QCFB
Lab ID: 533035-006
Collected: 05/13/25 09:38
Matrix: Water

533035-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND	H	ug/L	5.0	0.5	1	372217	05/24/25	05/24/25	ZST
Freon 12	ND	H	ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
Chloromethane	ND	H	ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
Vinyl Chloride	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Bromomethane	ND	H	ug/L	5.0	0.4	1	372217	05/24/25	05/24/25	ZST
Chloroethane	ND	H	ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
Trichlorofluoromethane	ND	H	ug/L	5.0	0.08	1	372217	05/24/25	05/24/25	ZST
Acetone	ND	H	ug/L	100	21	1	372217	05/24/25	05/24/25	ZST
Freon 113	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,1-Dichloroethene	ND	H	ug/L	5.0	0.08	1	372217	05/24/25	05/24/25	ZST
Methylene Chloride	2.9	H,J	ug/L	5.0	2.4	1	372217	05/24/25	05/24/25	ZST
MTBE	ND	H	ug/L	5.0	0.09	1	372217	05/24/25	05/24/25	ZST
trans-1,2-Dichloroethene	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,1-Dichloroethane	ND	H	ug/L	5.0	0.09	1	372217	05/24/25	05/24/25	ZST
2-Butanone	ND	H	ug/L	100	1.7	1	372217	05/24/25	05/24/25	ZST
cis-1,2-Dichloroethene	ND	H	ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
2,2-Dichloropropane	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Chloroform	0.7	H,J	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Bromochloromethane	ND	H	ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,1,1-Trichloroethane	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,1-Dichloropropene	ND	H	ug/L	5.0	0.08	1	372217	05/24/25	05/24/25	ZST
Carbon Tetrachloride	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,2-Dichloroethane	ND	H	ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
Benzene	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Trichloroethene	ND	H	ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,2-Dichloropropane	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Bromodichloromethane	ND	H	ug/L	5.0	0.08	1	372217	05/24/25	05/24/25	ZST
Dibromomethane	ND	H	ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
4-Methyl-2-Pentanone	ND	H	ug/L	5.0	1.0	1	372217	05/24/25	05/24/25	ZST
cis-1,3-Dichloropropene	ND	H	ug/L	5.0	0.06	1	372217	05/24/25	05/24/25	ZST
Toluene	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
trans-1,3-Dichloropropene	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,1,2-Trichloroethane	ND	H	ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,3-Dichloropropane	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Tetrachloroethene	ND	H	ug/L	5.0	0.09	1	372217	05/24/25	05/24/25	ZST
Dibromochloromethane	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,2-Dibromoethane	ND	H	ug/L	5.0	0.07	1	372217	05/24/25	05/24/25	ZST
Chlorobenzene	ND	H	ug/L	5.0	0.09	1	372217	05/24/25	05/24/25	ZST
1,1,1,2-Tetrachloroethane	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Ethylbenzene	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
m,p-Xylenes	ND	H	ug/L	10	0.2	1	372217	05/24/25	05/24/25	ZST
o-Xylene	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Styrene	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Bromoform	ND	H	ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
Isopropylbenzene	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST

Analysis Results for 533035

533035-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND	H	ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,2,3-Trichloropropane	ND	H	ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
Propylbenzene	ND	H	ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
Bromobenzene	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,3,5-Trimethylbenzene	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
2-Chlorotoluene	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
4-Chlorotoluene	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
tert-Butylbenzene	ND	H	ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,2,4-Trimethylbenzene	ND	H	ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
sec-Butylbenzene	ND	H	ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
para-Isopropyl Toluene	ND	H	ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,3-Dichlorobenzene	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,4-Dichlorobenzene	ND	H	ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
n-Butylbenzene	ND	H	ug/L	5.0	0.4	1	372217	05/24/25	05/24/25	ZST
1,2-Dichlorobenzene	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,2-Dibromo-3-Chloropropane	ND	H	ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
1,2,4-Trichlorobenzene	ND	H	ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
Hexachlorobutadiene	ND	H	ug/L	5.0	0.4	1	372217	05/24/25	05/24/25	ZST
Naphthalene	ND	H	ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
1,2,3-Trichlorobenzene	ND	H	ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
cis-1,4-Dichloro-2-butene	ND	H	ug/L	5.0	0.4	1	372217	05/24/25	05/24/25	ZST
trans-1,4-Dichloro-2-butene	ND	H	ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
Xylene (total)	ND		ug/L	5.0		1	372217	05/24/25	05/24/25	ZST
Surrogates	Limits									
Dibromofluoromethane	106%		%REC	70-130		1	372217	05/24/25	05/24/25	ZST
1,2-Dichloroethane-d4	97%		%REC	70-130		1	372217	05/24/25	05/24/25	ZST
Toluene-d8	104%		%REC	70-130		1	372217	05/24/25	05/24/25	ZST
Bromofluorobenzene	101%		%REC	70-130		1	372217	05/24/25	05/24/25	ZST

Analysis Results for 533035

Sample ID: QCTB
Lab ID: 533035-007
Collected: 05/13/25
Matrix: Water

533035-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND	H	ug/L	5.0	0.5	1	372217	05/24/25	05/24/25	ZST
Freon 12	ND	H	ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
Chloromethane	ND	H	ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
Vinyl Chloride	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Bromomethane	ND	H	ug/L	5.0	0.4	1	372217	05/24/25	05/24/25	ZST
Chloroethane	ND	H	ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
Trichlorofluoromethane	ND	H	ug/L	5.0	0.08	1	372217	05/24/25	05/24/25	ZST
Acetone	ND	H	ug/L	100	21	1	372217	05/24/25	05/24/25	ZST
Freon 113	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,1-Dichloroethene	ND	H	ug/L	5.0	0.08	1	372217	05/24/25	05/24/25	ZST
Methylene Chloride	ND	H	ug/L	5.0	2.4	1	372217	05/24/25	05/24/25	ZST
MTBE	ND	H	ug/L	5.0	0.09	1	372217	05/24/25	05/24/25	ZST
trans-1,2-Dichloroethene	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,1-Dichloroethane	ND	H	ug/L	5.0	0.09	1	372217	05/24/25	05/24/25	ZST
2-Butanone	ND	H	ug/L	100	1.7	1	372217	05/24/25	05/24/25	ZST
cis-1,2-Dichloroethene	ND	H	ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
2,2-Dichloropropane	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Chloroform	0.5	H,J	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Bromochloromethane	ND	H	ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,1,1-Trichloroethane	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,1-Dichloropropene	ND	H	ug/L	5.0	0.08	1	372217	05/24/25	05/24/25	ZST
Carbon Tetrachloride	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,2-Dichloroethane	ND	H	ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
Benzene	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Trichloroethene	ND	H	ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,2-Dichloropropane	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Bromodichloromethane	ND	H	ug/L	5.0	0.08	1	372217	05/24/25	05/24/25	ZST
Dibromomethane	ND	H	ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
4-Methyl-2-Pentanone	ND	H	ug/L	5.0	1.0	1	372217	05/24/25	05/24/25	ZST
cis-1,3-Dichloropropene	ND	H	ug/L	5.0	0.06	1	372217	05/24/25	05/24/25	ZST
Toluene	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
trans-1,3-Dichloropropene	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,1,2-Trichloroethane	ND	H	ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,3-Dichloropropane	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Tetrachloroethene	ND	H	ug/L	5.0	0.09	1	372217	05/24/25	05/24/25	ZST
Dibromochloromethane	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,2-Dibromoethane	ND	H	ug/L	5.0	0.07	1	372217	05/24/25	05/24/25	ZST
Chlorobenzene	ND	H	ug/L	5.0	0.09	1	372217	05/24/25	05/24/25	ZST
1,1,1,2-Tetrachloroethane	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Ethylbenzene	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
m,p-Xylenes	ND	H	ug/L	10	0.2	1	372217	05/24/25	05/24/25	ZST
o-Xylene	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Styrene	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
Bromoform	ND	H	ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
Isopropylbenzene	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST

Analysis Results for 533035

533035-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND	H	ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,2,3-Trichloropropane	ND	H	ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
Propylbenzene	ND	H	ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
Bromobenzene	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,3,5-Trimethylbenzene	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
2-Chlorotoluene	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
4-Chlorotoluene	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
tert-Butylbenzene	ND	H	ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,2,4-Trimethylbenzene	ND	H	ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
sec-Butylbenzene	ND	H	ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
para-Isopropyl Toluene	ND	H	ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
1,3-Dichlorobenzene	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,4-Dichlorobenzene	ND	H	ug/L	5.0	0.2	1	372217	05/24/25	05/24/25	ZST
n-Butylbenzene	ND	H	ug/L	5.0	0.4	1	372217	05/24/25	05/24/25	ZST
1,2-Dichlorobenzene	ND	H	ug/L	5.0	0.1	1	372217	05/24/25	05/24/25	ZST
1,2-Dibromo-3-Chloropropane	ND	H	ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
1,2,4-Trichlorobenzene	ND	H	ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
Hexachlorobutadiene	ND	H	ug/L	5.0	0.4	1	372217	05/24/25	05/24/25	ZST
Naphthalene	ND	H	ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
1,2,3-Trichlorobenzene	ND	H	ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
cis-1,4-Dichloro-2-butene	ND	H	ug/L	5.0	0.4	1	372217	05/24/25	05/24/25	ZST
trans-1,4-Dichloro-2-butene	ND	H	ug/L	5.0	0.3	1	372217	05/24/25	05/24/25	ZST
Xylene (total)	ND		ug/L	5.0		1	372217	05/24/25	05/24/25	ZST
Surrogates	Limits									
Dibromofluoromethane	106%		%REC	70-130		1	372217	05/24/25	05/24/25	ZST
1,2-Dichloroethane-d4	95%		%REC	70-130		1	372217	05/24/25	05/24/25	ZST
Toluene-d8	107%		%REC	70-130		1	372217	05/24/25	05/24/25	ZST
Bromofluorobenzene	102%		%REC	70-130		1	372217	05/24/25	05/24/25	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: QC1257295	Batch: 371329
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1257295 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.072	05/14/25 13:10	05/14/25 14:09
Chloride	ND		mg/L	1.0	0.27	05/14/25 13:10	05/14/25 14:09
Bromide	ND		mg/L	0.30	0.060	05/14/25 13:10	05/14/25 14:09
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	05/14/25 13:10	05/14/25 14:09
Sulfate	ND		mg/L	1.0	0.25	05/14/25 13:10	05/14/25 14:09

Type: Lab Control Sample	Lab ID: QC1257296	Batch: 371329
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1257296 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.359	10.00	mg/L	94%		90-110
Chloride	47.25	50.00	mg/L	94%		90-110
Bromide	14.96	15.00	mg/L	100%		90-110
Nitrogen, Nitrate	4.573	4.518	mg/L	101%		90-110
Sulfate	25.07	25.00	mg/L	100%		90-110

Type: Matrix Spike	Lab ID: QC1257297	Batch: 371329
Matrix (Source ID): Water (533047-001)	Method: EPA 300.0	Prep Method: METHOD

QC1257297 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	19.80	ND	20.00	mg/L	99%		80-120	1
Chloride	101.7	ND	100.0	mg/L	102%		80-120	1
Bromide	15.13	ND	15.00	mg/L	101%		80-120	1
Nitrogen, Nitrate	9.360	ND	9.036	mg/L	104%		80-120	1
Sulfate	55.42	4.711	50.00	mg/L	101%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1257298	Batch: 371329
Matrix (Source ID): Water (533047-001)	Method: EPA 300.0	Prep Method: METHOD

QC1257298 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	19.95	ND	20.00	mg/L	100%		80-120	1	20	1
Chloride	101.8	ND	100.0	mg/L	102%		80-120	0	20	1
Bromide	15.22	ND	15.00	mg/L	101%		80-120	1	20	1
Nitrogen, Nitrate	9.353	ND	9.036	mg/L	104%		80-120	0	20	1
Sulfate	55.53	4.711	50.00	mg/L	102%		80-120	0	20	1

Batch QC

Type: Matrix Spike	Lab ID: QC1257443	Batch: 371329
Matrix (Source ID): Water (533035-002)	Method: EPA 300.0	Prep Method: METHOD

QC1257443 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	22.00	0.1746	20.00	mg/L	109%		80-120	1
Chloride	181.7	81.44	100.0	mg/L	100%		80-120	1
Bromide	15.43	0.1694	15.00	mg/L	102%		80-120	1
Nitrogen, Nitrate	9.330	ND	9.036	mg/L	103%		80-120	1
Sulfate	525.8	649.6	50.00	mg/L	-247%	E,NM	80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1257444	Batch: 371329
Matrix (Source ID): Water (533035-002)	Method: EPA 300.0	Prep Method: METHOD

QC1257444 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	22.14	0.1746	20.00	mg/L	110%		80-120	1	20	1
Chloride	179.4	81.44	100.0	mg/L	98%		80-120	1	20	1
Bromide	15.27	0.1694	15.00	mg/L	101%		80-120	1	20	1
Nitrogen, Nitrate	9.302	ND	9.036	mg/L	103%		80-120	0	20	1
Sulfate	525.9	649.6	50.00	mg/L	-247%	E,NM	80-120		20	1

Type: Blank	Lab ID: QC1259748	Batch: 372054
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1259748 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	0.070	J	mg/L	0.10	0.050	05/22/25	05/22/25

Type: Lab Control Sample	Lab ID: QC1259749	Batch: 372054
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1259749 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.035	1.000	mg/L	104%		90-110

Type: Matrix Spike	Lab ID: QC1259750	Batch: 372054
Matrix (Source ID): Water (533028-003)	Method: EPA 350.1	Prep Method: SM 4500-NH3-G SD

QC1259750 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.418	0.4299	1.000	mg/L	99%		90-110	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1259751	Batch: 372054
Matrix (Source ID): Water (533028-003)	Method: EPA 350.1	Prep Method: SM 4500-NH3-G SD

QC1259751 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.387	0.4299	1.000	mg/L	96%		90-110	2	20	1

Type: Matrix Spike	Lab ID: QC1259758	Batch: 372054
Matrix (Source ID): Water (533028-004)	Method: EPA 350.1	Prep Method: SM 4500-NH3-G SD

QC1259758 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.212	0.2663	1.000	mg/L	95%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1259759	Batch: 372054
Matrix (Source ID): Water (533028-004)	Method: EPA 350.1	Prep Method: SM 4500-NH3-G SD

QC1259759 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.201	0.2663	1.000	mg/L	93%		90-110	1	20	1

Type: Blank	Lab ID: QC1259838	Batch: 372078
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1259838 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	05/22/25	05/23/25

Type: Lab Control Sample	Lab ID: QC1259839	Batch: 372078
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1259839 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	110.0	100.0	mg/L	110%		90-110

Type: Matrix Spike	Lab ID: QC1259840	Batch: 372078
Matrix (Source ID): Water (533035-004)	Method: EPA 410.4	Prep Method: METHOD

QC1259840 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	120.0	8.000	100.0	mg/L	112%		75-125	2

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1259841	Batch: 372078
Matrix (Source ID): Water (533035-004)	Method: EPA 410.4	Prep Method: METHOD

QC1259841 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Chemical Oxygen Demand	114.0	8.000	100.0	mg/L	106%		75-125	5	20	2

Type: Matrix Spike	Lab ID: QC1259842	Batch: 372078
Matrix (Source ID): Water (533265-004)	Method: EPA 410.4	Prep Method: METHOD

QC1259842 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	112.0	8.000	100.0	mg/L	104%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1259843	Batch: 372078
Matrix (Source ID): Water (533265-004)	Method: EPA 410.4	Prep Method: METHOD

QC1259843 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Chemical Oxygen Demand	116.0	8.000	100.0	mg/L	108%		75-125	4	20	2

Type: Blank	Lab ID: QC1257891	Batch: 371507
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1257891 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	05/16/25	05/16/25
Calcium	ND		mg/L	0.57	0.57	05/16/25	05/16/25
Iron	ND		mg/L	0.046	0.046	05/16/25	05/16/25
Magnesium	ND		mg/L	0.10	0.025	05/16/25	05/16/25
Manganese	ND		mg/L	0.010	0.0029	05/16/25	05/16/25
Potassium	ND		mg/L	0.50	0.40	05/16/25	05/16/25
Sodium	ND		mg/L	0.50	0.34	05/16/25	05/16/25

Type: Lab Control Sample	Lab ID: QC1257892	Batch: 371507
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1257892 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3621	0.4000	mg/L	91%		80-120
Calcium	19.48	20.40	mg/L	95%		80-120
Iron	0.3782	0.4000	mg/L	95%		80-120
Magnesium	19.37	20.40	mg/L	95%		80-120
Manganese	0.3739	0.4000	mg/L	93%		80-120
Potassium	21.94	24.00	mg/L	91%		80-120
Sodium	18.84	20.40	mg/L	92%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1257893	Batch: 371507
Matrix (Source ID): Water (533146-004)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1257893 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.6018	0.2252	0.4000	mg/L	94%		75-125	1
Calcium	256.4	241.2	20.40	mg/L	74%	NM	75-125	1
Iron	1.329	0.9729	0.4000	mg/L	89%		75-125	1
Magnesium	51.97	33.43	20.40	mg/L	91%		75-125	1
Manganese	0.9969	0.6361	0.4000	mg/L	90%		75-125	1
Potassium	24.91	2.539	24.00	mg/L	93%		75-125	1
Sodium	418.0	406.0	20.40	mg/L	59%	NM	75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1257894	Batch: 371507
Matrix (Source ID): Water (533146-004)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1257894 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.6029	0.2252	0.4000	mg/L	94%		75-125	0	20	1
Calcium	256.0	241.2	20.40	mg/L	73%	NM	75-125	0	20	1
Iron	1.333	0.9729	0.4000	mg/L	90%		75-125	0	20	1
Magnesium	51.99	33.43	20.40	mg/L	91%		75-125	0	20	1
Manganese	0.9965	0.6361	0.4000	mg/L	90%		75-125	0	20	1
Potassium	24.99	2.539	24.00	mg/L	94%		75-125	0	20	1
Sodium	423.0	406.0	20.40	mg/L	83%	NM	75-125	1	20	1

Type: Serial Dilution	Lab ID: QC1258001	Batch: 371507
Matrix (Source ID): Water (533035-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1258001 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	0.1912	0.2142	mg/L	J			5
Calcium	22.75	24.39	mg/L				5
Iron	ND	ND	mg/L				5
Magnesium	2.860	2.976	mg/L				5
Manganese	ND	ND	mg/L				5
Potassium	ND	1.658	mg/L				5
Sodium	274.3	278.3	mg/L				5

Batch QC

Type: Lab Control Sample	Lab ID: QC1260356	Batch: 372217
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1260356 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	57.35	50.00	ug/L	115%		70-135
MTBE	56.52	50.00	ug/L	113%		70-130
Benzene	51.69	50.00	ug/L	103%		70-130
Trichloroethene	51.53	50.00	ug/L	103%		70-130
Toluene	51.64	50.00	ug/L	103%		70-130
Chlorobenzene	53.40	50.00	ug/L	107%		70-130
Surrogates						
Dibromofluoromethane	54.83	50.00	ug/L	110%		70-130
1,2-Dichloroethane-d4	50.70	50.00	ug/L	101%		70-130
Toluene-d8	50.31	50.00	ug/L	101%		70-130
Bromofluorobenzene	47.77	50.00	ug/L	96%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1260357	Batch: 372217
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1260357 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	53.12	50.00	ug/L	106%		70-135	8	30
MTBE	52.73	50.00	ug/L	105%		70-130	7	30
Benzene	48.97	50.00	ug/L	98%		70-130	5	30
Trichloroethene	49.20	50.00	ug/L	98%		70-130	5	30
Toluene	49.84	50.00	ug/L	100%		70-130	4	30
Chlorobenzene	51.37	50.00	ug/L	103%		70-130	4	30
Surrogates								
Dibromofluoromethane	52.72	50.00	ug/L	105%		70-130		
1,2-Dichloroethane-d4	48.69	50.00	ug/L	97%		70-130		
Toluene-d8	50.73	50.00	ug/L	101%		70-130		
Bromofluorobenzene	47.77	50.00	ug/L	96%		70-130		

Batch QC

Type: Blank	Lab ID: QC1260361	Batch: 372217
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1260361 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.5	05/24/25	05/24/25
Freon 12	ND		ug/L	5.0	0.2	05/24/25	05/24/25
Chloromethane	ND		ug/L	5.0	0.3	05/24/25	05/24/25
Vinyl Chloride	ND		ug/L	5.0	0.1	05/24/25	05/24/25
Bromomethane	ND		ug/L	5.0	0.4	05/24/25	05/24/25
Chloroethane	ND		ug/L	5.0	0.3	05/24/25	05/24/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	05/24/25	05/24/25
Acetone	ND		ug/L	100	21	05/24/25	05/24/25
Freon 113	ND		ug/L	5.0	0.1	05/24/25	05/24/25
1,1-Dichloroethene	ND		ug/L	5.0	0.08	05/24/25	05/24/25
Methylene Chloride	ND		ug/L	5.0	2.4	05/24/25	05/24/25
MTBE	ND		ug/L	5.0	0.09	05/24/25	05/24/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	05/24/25	05/24/25
1,1-Dichloroethane	ND		ug/L	5.0	0.09	05/24/25	05/24/25
2-Butanone	ND		ug/L	100	1.7	05/24/25	05/24/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	05/24/25	05/24/25
2,2-Dichloropropane	ND		ug/L	5.0	0.1	05/24/25	05/24/25
Chloroform	ND		ug/L	5.0	0.1	05/24/25	05/24/25
Bromochloromethane	ND		ug/L	5.0	0.2	05/24/25	05/24/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	05/24/25	05/24/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	05/24/25	05/24/25
Carbon Tetrachloride	ND		ug/L	5.0	0.1	05/24/25	05/24/25
1,2-Dichloroethane	ND		ug/L	5.0	0.2	05/24/25	05/24/25
Benzene	ND		ug/L	5.0	0.1	05/24/25	05/24/25
Trichloroethene	ND		ug/L	5.0	0.2	05/24/25	05/24/25
1,2-Dichloropropane	ND		ug/L	5.0	0.1	05/24/25	05/24/25
Bromodichloromethane	ND		ug/L	5.0	0.08	05/24/25	05/24/25
Dibromomethane	ND		ug/L	5.0	0.2	05/24/25	05/24/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	05/24/25	05/24/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	05/24/25	05/24/25
Toluene	ND		ug/L	5.0	0.1	05/24/25	05/24/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	05/24/25	05/24/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	05/24/25	05/24/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	05/24/25	05/24/25
Tetrachloroethene	ND		ug/L	5.0	0.09	05/24/25	05/24/25
Dibromochloromethane	ND		ug/L	5.0	0.1	05/24/25	05/24/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	05/24/25	05/24/25
Chlorobenzene	ND		ug/L	5.0	0.09	05/24/25	05/24/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	05/24/25	05/24/25
Ethylbenzene	ND		ug/L	5.0	0.1	05/24/25	05/24/25
m,p-Xylenes	ND		ug/L	10	0.2	05/24/25	05/24/25
o-Xylene	ND		ug/L	5.0	0.1	05/24/25	05/24/25
Styrene	ND		ug/L	5.0	0.1	05/24/25	05/24/25
Bromoform	ND		ug/L	5.0	0.2	05/24/25	05/24/25
Isopropylbenzene	ND		ug/L	5.0	0.1	05/24/25	05/24/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	05/24/25	05/24/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	05/24/25	05/24/25

Batch QC

QC1260361 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.2	05/24/25	05/24/25
Bromobenzene	ND		ug/L	5.0	0.1	05/24/25	05/24/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	05/24/25	05/24/25
2-Chlorotoluene	ND		ug/L	5.0	0.1	05/24/25	05/24/25
4-Chlorotoluene	ND		ug/L	5.0	0.1	05/24/25	05/24/25
tert-Butylbenzene	ND		ug/L	5.0	0.2	05/24/25	05/24/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	05/24/25	05/24/25
sec-Butylbenzene	ND		ug/L	5.0	0.2	05/24/25	05/24/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	05/24/25	05/24/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	05/24/25	05/24/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	05/24/25	05/24/25
n-Butylbenzene	ND		ug/L	5.0	0.4	05/24/25	05/24/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	05/24/25	05/24/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	05/24/25	05/24/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	05/24/25	05/24/25
Hexachlorobutadiene	ND		ug/L	5.0	0.4	05/24/25	05/24/25
Naphthalene	ND		ug/L	5.0	0.3	05/24/25	05/24/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	05/24/25	05/24/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	05/24/25	05/24/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	05/24/25	05/24/25
Xylene (total)	ND		ug/L	5.0		05/24/25	05/24/25
Surrogates				Limits			
Dibromofluoromethane	107%		%REC	70-130		05/24/25	05/24/25
1,2-Dichloroethane-d4	99%		%REC	70-130		05/24/25	05/24/25
Toluene-d8	103%		%REC	70-130		05/24/25	05/24/25
Bromofluorobenzene	103%		%REC	70-130		05/24/25	05/24/25

Type: Matrix Spike	Lab ID: QC1260399	Batch: 372217
Matrix (Source ID): Water (533035-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1260399 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	22.75	ND	20.00	ug/L	114%		70-130	1
MTBE	20.51	ND	20.00	ug/L	103%		75-130	1
Benzene	20.26	ND	20.00	ug/L	101%		70-130	1
Trichloroethene	21.56	ND	20.00	ug/L	108%		63-130	1
Toluene	21.24	ND	20.00	ug/L	106%		70-130	1
Chlorobenzene	21.34	ND	20.00	ug/L	107%		70-130	1
Surrogates								
Dibromofluoromethane	53.64		50.00	ug/L	107%		70-130	1
1,2-Dichloroethane-d4	48.63		50.00	ug/L	97%		70-130	1
Toluene-d8	52.52		50.00	ug/L	105%		70-130	1
Bromofluorobenzene	48.92		50.00	ug/L	98%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1260400	Batch: 372217
Matrix (Source ID): Water (533035-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1260400 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	23.58	ND	20.00	ug/L	118%		70-130	4	30	1
MTBE	22.39	ND	20.00	ug/L	112%		75-130	9	30	1
Benzene	20.96	ND	20.00	ug/L	105%		70-130	3	30	1
Trichloroethene	22.22	ND	20.00	ug/L	111%		63-130	3	30	1
Toluene	21.99	ND	20.00	ug/L	110%		70-130	3	30	1
Chlorobenzene	22.34	ND	20.00	ug/L	112%		70-130	5	30	1
Surrogates										
Dibromofluoromethane	54.25		50.00	ug/L	108%		70-130			1
1,2-Dichloroethane-d4	48.86		50.00	ug/L	98%		70-130			1
Toluene-d8	52.16		50.00	ug/L	104%		70-130			1
Bromofluorobenzene	48.99		50.00	ug/L	98%		70-130			1

Type: Blank	Lab ID: QC1258160	Batch: 371590
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1258160 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.88	05/16/25	05/17/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		05/16/25	05/17/25

Type: Lab Control Sample	Lab ID: QC1258161	Batch: 371590
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1258161 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	10.28	10.00	ug/L	103%		80-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.14	10.00	ug/L	101%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1258162	Batch: 371590
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1258162 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	9.938	10.00	ug/L	99%		80-120	3	20
Surrogates								
1,4-Dioxane-d8 (SUR)	9.839	10.00	ug/L	98%		80-120		

Type: Blank	Lab ID: QC1258929	Batch: 371821
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1258929 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		05/20/25	05/20/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1258930	Batch: 371821
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1258930 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1258931	Batch: 371821
Matrix (Source ID): Water (532992-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1258931 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: QC1258932	Batch: 371821
Matrix (Source ID): Water (532992-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1258932 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: QC1260865	Batch: 372370
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1260865 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.68	05/27/25	05/27/25

Type: Lab Control Sample	Lab ID: QC1260868	Batch: 372370
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1260868 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	24.86	25.00	mg/L	99%		85-115

Type: Matrix Spike	Lab ID: QC1260869	Batch: 372370
Matrix (Source ID): Water (533258-003)	Method: SM 5310B	Prep Method: SM 5310B

QC1260869 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	28.04	4.059	25.00	mg/L	96%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1260870	Batch: 372370
Matrix (Source ID): Water (533258-003)	Method: SM 5310B	Prep Method: SM 5310B

QC1260870 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Total Organic Carbon	27.55	4.059	25.00	mg/L	94%		75-125	2	25	1

Batch QC

Type: Blank	Lab ID: QC1258682	Batch: 371759
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1258682 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		05/19/25	05/19/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		05/19/25	05/19/25

Type: Lab Control Sample	Lab ID: QC1258683	Batch: 371759
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1258683 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	996.5	1000	mg/L	100%		90-110

Type: Sample Duplicate	Lab ID: QC1258684	Batch: 371759
Matrix (Source ID): Water (533217-001)	Method: SM2320B	Prep Method: METHOD

QC1258684 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	83.53	79.60	mg/L		5	20	2.5
Alkalinity, Total as CaCO ₃	83.53	79.60	mg/L		5	20	2.5

Type: Blank	Lab ID: QC1258655	Batch: 371752
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1258655 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		05/19/25	05/20/25

Type: Lab Control Sample	Lab ID: QC1258656	Batch: 371752
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1258656 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	988.0	1000	mg/L	99%		90-110

Type: Sample Duplicate	Lab ID: QC1258657	Batch: 371752
Matrix (Source ID): Water (533217-001)	Method: SM2540C	Prep Method: METHOD

QC1258657 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	200.0	194.0	mg/L		3	5	2

Type: Sample Duplicate	Lab ID: QC1258658	Batch: 371752
Matrix (Source ID): Water (533035-001)	Method: SM2540C	Prep Method: METHOD

QC1258658 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	976.0	954.0	mg/L		2	5	2

Batch QC

E Response exceeds instrument's linear range
J Estimated value
ND Not Detected
NM Not Meaningful

Laboratory Job Number 533035

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2505A21

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-533035

Project Location:

Project Received: 05/15/2025

Analytical Report reviewed & approved for release on 05/20/2025 by:

Tracy Babjar

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: 2505A21

Project: EO-533035

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: 2505A21

Project: EO-533035

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: 05/15/2025 12:04
Date Prepared: 05/19/2025
Project: EO-533035

WorkOrder: 2505A21
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	2505A21-001A	Water	05/13/2025 08:38			GC26 0519250608.D	317644
<u>Analytes</u>	<u>Result</u>		<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>	
Carbon Dioxide	1300		50	50	1	05/19/2025 09:54	

Analyst(s): PRE

Client ID	Lab ID	Matrix	Date Collected			Instrument	Batch ID
DW-7	2505A21-002A	Water	05/13/2025 09:35			GC26 0519250609.D	317644
<u>Analytes</u>	<u>Result</u>		<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>	
Carbon Dioxide	600		50	50	1	05/19/2025 10:25	

Analyst(s): PRE

Client ID	Lab ID	Matrix	Date Collected			Instrument	Batch ID
DW-18	2505A21-003A	Water	05/13/2025 10:37			GC26 0519250610.D	317644
<u>Analytes</u>	<u>Result</u>		<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>	
Carbon Dioxide	3700		250	250	5	05/19/2025 11:19	

Analyst(s): PRE

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 05/15/2025 12:04
Date Prepared: 05/19/2025
Project: EO-533035

WorkOrder: 2505A21
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	2505A21-004A	Water	05/13/2025 11:20	GC26 0519250611.D	317644

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	320	50	50	1	05/19/2025 12:07

Analyst(s): PRE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-29	2505A21-005A	Water	05/13/2025 12:35	GC26 0519250612.D	317644

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	11,000	2500	2500	50	05/19/2025 12:42

Analyst(s): PRE



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 05/19/2025
Date Analyzed: 05/19/2025
Instrument: GC26
Matrix: Water
Project: EO-533035

WorkOrder: 2505A21
BatchID: 317644
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-317644

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	75	70-130	2.85	30

McC Campbell Analytical, Inc.



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Pittsburg, CA 94565-1701
(925) 252-9262

☐ WaterTrax ☐ CLIP ☐ EDF

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2505A21

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-533035

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: 05/15/2025

Date Logged: 05/15/2025

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2505A21-001	DW-12	Water	5/13/2025 08:38	☐	A	A										
2505A21-002	DW-7	Water	5/13/2025 09:35	☐	A	A										
2505A21-003	DW-18	Water	5/13/2025 10:37	☐	A	A										
2505A21-004	DW-21	Water	5/13/2025 11:20	☐	A	A										
2505A21-005	DW-29	Water	5/13/2025 12:35	☐	A	A										

Test Legend:

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

Prepared by: Adrianna Cardoza

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-533035

Work Order: 2505A21

Client Contact: Zach Barker

QC Level: LEVEL 2

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

Comments:

Date Logged: 5/15/2025

☐ 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-12	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	5/13/2025 8:38	3 days	5/20/2025	None	☐	☐
002A	DW-7	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	5/13/2025 9:35	3 days	5/20/2025	None	☐	☐
003A	DW-18	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	5/13/2025 10:37	3 days	5/20/2025	None	☐	☐
004A	DW-21	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	5/13/2025 11:20	3 days	5/20/2025	None	☐	☐
005A	DW-29	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	5/13/2025 12:35	3 days	5/20/2025	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.



2505A21

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

Subcontract Laboratory:

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

Enthalpy Order: EO-533035

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	13-MAY-2025 08:38	533035-001	3	Water	RSK-175 CO2	
DW-7	13-MAY-2025 09:35	533035-002	3	Water	RSK-175 CO2	
DW-18	13-MAY-2025 10:37	533035-003	3	Water	RSK-175 CO2	
DW-21	13-MAY-2025 11:20	533035-004	3	Water	RSK-175 CO2	
DW-29	13-MAY-2025 12:35	533035-005	3	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	<i>Aura Reddy</i>	<i>[Signature]</i>
	Date: 5-14-25 16:20	Date: 5-15-25 1204
	Date:	Date:
	Date:	Date:

1.5 wt.
IR43



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-533035

Date and Time Received: 5/15/2025 12:04

Date Logged: 5/15/2025

Received by: Adrianna Cardoza

Logged by: Adrianna Cardoza

WorkOrder No: 2505A21 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 ☐

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 : 533146
Report Level : II
Report Date : 06/02/2025

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, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197



Sample Summary

Steve Cassulo	Lab Job #:	533146
Waste Connections	Project No:	GW MONITORING
Chiquita Canyon Landfill	Location:	Chiquita Canyon Landfill, Quarterly MPars
29201 Henry Mayo	Date Received:	05/14/25
Drive		
Castaic, CA 91384		

Sample ID	Lab ID	Collected	Matrix
DW-14	533146-001	05/14/25 09:04	Water
PZ-4	533146-002	05/14/25 10:20	Water
DW-17	533146-003	05/14/25 11:26	Water
DW-15	533146-004	05/14/25 12:46	Water
QCFB	533146-005	05/14/25 11:29	Water
QCTB	533146-006	05/14/25 00:00	Water

Case Narrative

Waste Connections	Lab Job Number: 533146
Chiquita Canyon Landfill	Project No: GW MONITORING
29201 Henry Mayo Drive	Location: Chiquita Canyon Landfill, Quarterly
Castaic, CA 91384	MPars
Steve Cassulo	Date Received: 05/14/25

This data package contains sample and QC results for six water samples, requested for the above referenced project on 05/14/25. The samples were received cold and intact.

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

- Low recoveries were observed for benzene in the MS/MSD for batch 372276; the parent sample was not a project sample, the BS/BSD were within limits, and the associated RPD was within limits.
- Many analytes were analyzed outside of hold time; affected data was qualified with "H".
- QCFB (lab # 533146-005) and QCTB (lab # 533146-006) 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):

- Responses exceeding the instrument's linear range were observed for chloride in the MS/MSD for batch 372527; 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):

- Ammonia-N was detected between the MDL and the RL in the method blank for batch 372054.
- 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.



Log in 533146



Enthalpy Analytical

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

Chain of Custody Record

Lab No: 533146

Page: 1 of

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:
2 Day:		1 Day:	Custom TAT:

Preservatives:

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

Sample Receipt Temp:

(714) 771-6900

CUSTOMER INFORMATION

Company:	Chiquita Canyon Landfill	Name:	Steve Cassullo
Report To:	Steve Cassullo	Number:	661-257-3655
Email:	Steven.Cassullo@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

PROJECT INFORMATION

VOCS (EPA 8260B)	X	X	X	X		
1,4-Dioxane	X	X	X	X		
Alkalinity, total	X	X	X	X		
Bicarbonate as CaCO3	X	X	X	X		
Ammonia-N, Nitrate-N	X	X	X	X		
COD, Cl, SO4, TDS, TOC	X	X	X	X		
B, Ca, Fe, K, Mg, Mn, Na	X	X	X	X		
Bromide, Fluoride, Sulfide	X	X	X	X		
Carbon dioxide	X	X	X	X		

Analysis Request

			X	X	X	X	Carbon dioxide
			X	X	X	X	Bromide, Fluoride, Sulfide
			X	X	X	X	B, Ca, Fe, K, Mg, Mn, Na
			X	X	X	X	COD, Cl, SO ₄ , TDS, TOC
			X	X	X	X	Ammonia-N, Nitrate-N
			X	X	X	X	Bicarbonate as CaCO ₃

Test Instructions / Comments

FA 13
3-013-0

Quarterly MPars

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

				W	13	var.
1	DW-14	5/14/25	904			
2	PZ-4		1020			
3	DW-17		1126			
4	DW-15		1246			
5	QC FB		1129		3	
6	QC TB		—		2	

[illegible][illegible]

					c

[illegible]

[illegible]

10

[illegible]

Signature	Print Name

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

Relinquished By: Paul Chang

Dr. James Smith

Received By:  Alice Tabmasian

[illegible]

Reinquisitioned By: Lee James, Jr

[illegible]

Received By:		Frage 7

3 Polinomialer Div:	11200

Requisitioned by:			
			May 5.

Received By: W. Webb

Received by:		1/1/20

45

67-61-C-H-9241N

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 05-14-25 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: Walkin

Section 3a: Condition / Packaging

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

Date Opened 5/14/25 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: 1203 CF: 0.7°

Cooler Temp (°C) #1: 6.8 #2: 6.1 #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) _____

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 05/15/25 WO# 533146 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 05/15/25 By (initials) NG

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

Cooler Temp (°C) #1: 30 / 30 #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.)

4-9) No dedicated container for TOC

☐ No additional discrepancies

Date Logged 05/15/25 By (print) FPD (sign) _____

Date Labeled 05/15/25 By (print) Gher (sign) _____

Analysis Results for 533146

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

Lab Job #: 533146
Project No: GW MONITORING
Location: Chiquita Canyon Landfill, Quarterly MPars
Date Received: 05/14/25

Sample ID: DW-14

Lab ID: 533146-001

Collected: 05/14/25 09:04

Matrix: Water

533146-001 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	372527	05/29/25 08:49	05/29/25 12:42	AJL
Chloride	94		mg/L	1.0	0.27	1	371436	05/15/25 11:30	05/15/25 21:34	KUM
Bromide	0.14	J	mg/L	0.30	0.060	1	371436	05/15/25 11:30	05/15/25 21:34	KUM
Nitrogen, Nitrate	0.32		mg/L	0.10	0.05	1	371436	05/15/25 11:30	05/15/25 21:34	KUM
Sulfate	30		mg/L	1.0	0.25	1	371436	05/15/25 11:30	05/15/25 21:34	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	372054	05/22/25	05/22/25	DAD
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	9.0		mg/L	4.0	2.0	1	372078	05/22/25	05/23/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.12		mg/L	0.050	0.0055	1	371507	05/16/25	05/16/25	SBW
Calcium	2.9		mg/L	0.57	0.57	1	371507	05/16/25	05/16/25	SBW
Iron	0.25		mg/L	0.046	0.046	1	371507	05/16/25	05/16/25	SBW
Magnesium	0.22		mg/L	0.10	0.025	1	371507	05/16/25	05/16/25	SBW
Manganese	0.0030	J	mg/L	0.010	0.0029	1	371507	05/16/25	05/16/25	SBW
Potassium	0.48	J	mg/L	0.50	0.40	1	371507	05/16/25	05/16/25	SBW
Sodium	140		mg/L	0.50	0.34	1	371507	05/16/25	05/16/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	372276	05/26/25	05/26/25	EJB
Freon 12	ND		ug/L	5.0	0.3	1	372276	05/26/25	05/26/25	EJB
Chloromethane	ND		ug/L	5.0	0.4	1	372276	05/26/25	05/26/25	EJB
Vinyl Chloride	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Bromomethane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Chloroethane	ND		ug/L	5.0	0.3	1	372276	05/26/25	05/26/25	EJB
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Acetone	ND		ug/L	100	44	1	372276	05/26/25	05/26/25	EJB
Freon 113	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
Methylene Chloride	ND		ug/L	5.0	3.5	1	372276	05/26/25	05/26/25	EJB
MTBE	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,1-Dichloroethane	ND		ug/L	5.0	0.08	1	372276	05/26/25	05/26/25	EJB
2-Butanone	ND		ug/L	100	2.3	1	372276	05/26/25	05/26/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Chloroform	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB

Analysis Results for 533146

533146-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,1-Dichloropropene	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Carbon Tetrachloride	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
Benzene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
Trichloroethene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
Bromodichloromethane	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
Dibromomethane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	1	372276	05/26/25	05/26/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Toluene	ND		ug/L	5.0	0.3	1	372276	05/26/25	05/26/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
Tetrachloroethene	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Dibromochloromethane	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
Chlorobenzene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Ethylbenzene	ND		ug/L	5.0	0.07	1	372276	05/26/25	05/26/25	EJB
m,p-Xylenes	ND		ug/L	10	0.1	1	372276	05/26/25	05/26/25	EJB
o-Xylene	ND		ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	EJB
Styrene	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Bromoform	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Isopropylbenzene	ND		ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	EJB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Propylbenzene	0.1	J	ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	EJB
Bromobenzene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	EJB
2-Chlorotoluene	ND		ug/L	5.0	0.08	1	372276	05/26/25	05/26/25	EJB
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
tert-Butylbenzene	ND		ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
sec-Butylbenzene	ND		ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
n-Butylbenzene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	1	372276	05/26/25	05/26/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Hexachlorobutadiene	ND		ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	EJB
Naphthalene	0.9	J	ug/L	5.0	0.5	1	372276	05/26/25	05/26/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	372276	05/26/25	05/26/25	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	1	372276	05/26/25	05/26/25	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	1	372276	05/26/25	05/26/25	EJB
Xylene (total)	ND		ug/L	5.0		1	372276	05/26/25	05/26/25	EJB
Surrogates			Limits							
Dibromofluoromethane	99%		%REC	70-130		1	372276	05/26/25	05/26/25	EJB

Analysis Results for 533146

533146-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	97%		%REC	70-130		1	372276	05/26/25	05/26/25	EJB
Toluene-d8	102%		%REC	70-130		1	372276	05/26/25	05/26/25	EJB
Bromofluorobenzene	97%		%REC	70-130		1	372276	05/26/25	05/26/25	EJB
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.88	1	371590	05/16/25	05/17/25	TJW
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	371590	05/16/25	05/17/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	371867	05/20/25	05/20/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	372370	05/27/25	05/28/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	150		mg/L	5.0		2.5	371760	05/19/25	05/19/25	WWC
Alkalinity, Total as CaCO3	190		mg/L	5.0		2.5	371760	05/19/25	05/19/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	410		mg/L	20		2	371831	05/20/25	05/21/25	RDL

Analysis Results for 533146

Sample ID: PZ-4
Lab ID: 533146-002
Collected: 05/14/25 10:20
Matrix: Water

533146-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.57		mg/L	0.20	0.073	1	372527	05/29/25 08:49	05/29/25 12:58	AJL
Chloride	59		mg/L	1.0	0.27	1	371436	05/15/25 11:30	05/15/25 21:55	KUM
Bromide	0.16	J	mg/L	0.30	0.060	1	371436	05/15/25 11:30	05/15/25 21:55	KUM
Nitrogen, Nitrate	1.2		mg/L	0.10	0.05	1	371436	05/15/25 11:30	05/15/25 21:55	KUM
Sulfate	140		mg/L	10	2.5	10	371436	05/15/25 11:30	05/15/25 22:16	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	372054	05/22/25	05/22/25	DAD
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	23		mg/L	4.0	2.0	1	372078	05/22/25	05/23/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.32		mg/L	0.050	0.0055	1	371507	05/16/25	05/16/25	SBW
Calcium	55		mg/L	0.57	0.57	1	371507	05/16/25	05/16/25	SBW
Iron	ND		mg/L	0.046	0.046	1	371507	05/16/25	05/16/25	SBW
Magnesium	10		mg/L	0.10	0.025	1	371507	05/16/25	05/16/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	371507	05/16/25	05/16/25	SBW
Potassium	2.1		mg/L	0.50	0.40	1	371507	05/16/25	05/16/25	SBW
Sodium	180		mg/L	0.50	0.34	1	371507	05/16/25	05/16/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	372276	05/26/25	05/26/25	EJB
Freon 12	0.7	J	ug/L	5.0	0.3	1	372276	05/26/25	05/26/25	EJB
Chloromethane	ND		ug/L	5.0	0.4	1	372276	05/26/25	05/26/25	EJB
Vinyl Chloride	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Bromomethane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Chloroethane	ND		ug/L	5.0	0.3	1	372276	05/26/25	05/26/25	EJB
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Acetone	ND		ug/L	100	44	1	372276	05/26/25	05/26/25	EJB
Freon 113	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
Methylene Chloride	ND		ug/L	5.0	3.5	1	372276	05/26/25	05/26/25	EJB
MTBE	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,1-Dichloroethane	ND		ug/L	5.0	0.08	1	372276	05/26/25	05/26/25	EJB
2-Butanone	ND		ug/L	100	2.3	1	372276	05/26/25	05/26/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Chloroform	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
Bromochloromethane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,1-Dichloropropene	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Carbon Tetrachloride	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB

Analysis Results for 533146

533146-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
Trichloroethene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
Bromodichloromethane	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
Dibromomethane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	1	372276	05/26/25	05/26/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Toluene	ND		ug/L	5.0	0.3	1	372276	05/26/25	05/26/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
Tetrachloroethene	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Dibromochloromethane	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
Chlorobenzene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Ethylbenzene	ND		ug/L	5.0	0.07	1	372276	05/26/25	05/26/25	EJB
m,p-Xylenes	ND		ug/L	10	0.1	1	372276	05/26/25	05/26/25	EJB
o-Xylene	ND		ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	EJB
Styrene	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Bromoform	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Isopropylbenzene	ND		ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	EJB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Propylbenzene	ND		ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	EJB
Bromobenzene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	EJB
2-Chlorotoluene	ND		ug/L	5.0	0.08	1	372276	05/26/25	05/26/25	EJB
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
tert-Butylbenzene	ND		ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
sec-Butylbenzene	ND		ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
n-Butylbenzene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	1	372276	05/26/25	05/26/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Hexachlorobutadiene	ND		ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	EJB
Naphthalene	ND		ug/L	5.0	0.5	1	372276	05/26/25	05/26/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	372276	05/26/25	05/26/25	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	1	372276	05/26/25	05/26/25	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	1	372276	05/26/25	05/26/25	EJB
Xylene (total)	ND		ug/L	5.0		1	372276	05/26/25	05/26/25	EJB
Surrogates			Limits							
Dibromofluoromethane	98%	%REC	70-130			1	372276	05/26/25	05/26/25	EJB
1,2-Dichloroethane-d4	100%	%REC	70-130			1	372276	05/26/25	05/26/25	EJB
Toluene-d8	101%	%REC	70-130			1	372276	05/26/25	05/26/25	EJB
Bromofluorobenzene	106%	%REC	70-130			1	372276	05/26/25	05/26/25	EJB

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 533146

533146-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.88	1	371590	05/16/25	05/17/25	TJW
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	98%		%REC	80-120		1	371590	05/16/25	05/17/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	371867	05/20/25	05/20/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	5.7		mg/L	1.0	0.68	1	372370	05/27/25	05/28/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	400		mg/L	5.0		2.5	371760	05/19/25	05/19/25	WWC
Alkalinity, Total as CaCO3	400		mg/L	5.0		2.5	371760	05/19/25	05/19/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	720		mg/L	20		2	371831	05/20/25	05/21/25	RDL

Analysis Results for 533146

Sample ID: DW-17
Lab ID: 533146-003
Collected: 05/14/25 11:26
Matrix: Water

533146-003 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	372527	05/29/25 08:49	05/29/25 13:15	AJL
Chloride	150		mg/L	1.0	0.27	1	371436	05/15/25 11:30	05/15/25 22:37	KUM
Bromide	0.36		mg/L	0.30	0.060	1	371436	05/15/25 11:30	05/15/25 22:37	KUM
Nitrogen, Nitrate	1.0		mg/L	0.10	0.05	1	371436	05/15/25 11:30	05/15/25 22:37	KUM
Sulfate	190		mg/L	10	2.5	10	371436	05/15/25 11:30	05/15/25 22:58	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	372054	05/22/25	05/22/25	DAD
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	4.0		mg/L	4.0	2.0	1	372796	05/31/25	05/31/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.084		mg/L	0.050	0.0055	1	371507	05/16/25	05/16/25	SBW
Calcium	5.0		mg/L	0.57	0.57	1	371507	05/16/25	05/16/25	SBW
Iron	ND		mg/L	0.046	0.046	1	371507	05/16/25	05/16/25	SBW
Magnesium	0.14		mg/L	0.10	0.025	1	371507	05/16/25	05/16/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	371507	05/16/25	05/16/25	SBW
Potassium	0.63		mg/L	0.50	0.40	1	371507	05/16/25	05/16/25	SBW
Sodium	220		mg/L	0.50	0.34	1	371507	05/16/25	05/16/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	372276	05/26/25	05/26/25	EJB
Freon 12	ND		ug/L	5.0	0.3	1	372276	05/26/25	05/26/25	EJB
Chloromethane	ND		ug/L	5.0	0.4	1	372276	05/26/25	05/26/25	EJB
Vinyl Chloride	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Bromomethane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Chloroethane	ND		ug/L	5.0	0.3	1	372276	05/26/25	05/26/25	EJB
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Acetone	ND		ug/L	100	44	1	372276	05/26/25	05/26/25	EJB
Freon 113	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
Methylene Chloride	ND		ug/L	5.0	3.5	1	372276	05/26/25	05/26/25	EJB
MTBE	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,1-Dichloroethane	ND		ug/L	5.0	0.08	1	372276	05/26/25	05/26/25	EJB
2-Butanone	ND		ug/L	100	2.3	1	372276	05/26/25	05/26/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Chloroform	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
Bromochloromethane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,1-Dichloropropene	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Carbon Tetrachloride	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB

Analysis Results for 533146

533146-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
Trichloroethene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
Bromodichloromethane	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
Dibromomethane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	1	372276	05/26/25	05/26/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Toluene	ND		ug/L	5.0	0.3	1	372276	05/26/25	05/26/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
Tetrachloroethene	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Dibromochloromethane	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
Chlorobenzene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Ethylbenzene	ND		ug/L	5.0	0.07	1	372276	05/26/25	05/26/25	EJB
m,p-Xylenes	ND		ug/L	10	0.1	1	372276	05/26/25	05/26/25	EJB
o-Xylene	ND		ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	EJB
Styrene	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Bromoform	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Isopropylbenzene	ND		ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	EJB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Propylbenzene	ND		ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	EJB
Bromobenzene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	EJB
2-Chlorotoluene	ND		ug/L	5.0	0.08	1	372276	05/26/25	05/26/25	EJB
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
tert-Butylbenzene	ND		ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
sec-Butylbenzene	ND		ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
n-Butylbenzene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	1	372276	05/26/25	05/26/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Hexachlorobutadiene	ND		ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	EJB
Naphthalene	ND		ug/L	5.0	0.5	1	372276	05/26/25	05/26/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	372276	05/26/25	05/26/25	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	1	372276	05/26/25	05/26/25	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	1	372276	05/26/25	05/26/25	EJB
Xylene (total)	ND		ug/L	5.0		1	372276	05/26/25	05/26/25	EJB
Surrogates			Limits							
Dibromofluoromethane	96%		%REC	70-130		1	372276	05/26/25	05/26/25	EJB
1,2-Dichloroethane-d4	97%		%REC	70-130		1	372276	05/26/25	05/26/25	EJB
Toluene-d8	102%		%REC	70-130		1	372276	05/26/25	05/26/25	EJB
Bromofluorobenzene	105%		%REC	70-130		1	372276	05/26/25	05/26/25	EJB

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 533146

533146-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.88	1	371590	05/16/25	05/17/25	TJW
Surrogates			Limits							
1,4-Dioxane-d8 (SUR)	98%		%REC	80-120		1	371590	05/16/25	05/17/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	371867	05/20/25	05/20/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	372370	05/27/25	05/28/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	95		mg/L	5.0		2.5	371760	05/19/25	05/19/25	WWC
Alkalinity, Total as CaCO3	140		mg/L	5.0		2.5	371760	05/19/25	05/19/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	700		mg/L	20		2	371831	05/20/25	05/21/25	RDL

Analysis Results for 533146

Sample ID: DW-15
Lab ID: 533146-004
Collected: 05/14/25 12:46
Matrix: Water

533146-004 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	372527	05/29/25 08:49	05/29/25 13:32	AJL
Chloride	76		mg/L	1.0	0.27	1	371436	05/15/25 11:30	05/15/25 23:19	KUM
Bromide	0.19	J	mg/L	0.30	0.060	1	371436	05/15/25 11:30	05/15/25 23:19	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	371436	05/15/25 11:30	05/15/25 23:19	KUM
Sulfate	1,500		mg/L	20	4.9	20	371436	05/15/25 11:30	05/15/25 23:40	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	0.16	B	mg/L	0.10	0.050	1	372054	05/22/25	05/22/25	DAD
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	10		mg/L	4.0	2.0	1	372078	05/22/25	05/23/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.23		mg/L	0.050	0.0055	1	371507	05/16/25	05/16/25	SBW
Calcium	240		mg/L	0.57	0.57	1	371507	05/16/25	05/16/25	SBW
Iron	0.97		mg/L	0.046	0.046	1	371507	05/16/25	05/16/25	SBW
Magnesium	33		mg/L	0.10	0.025	1	371507	05/16/25	05/16/25	SBW
Manganese	0.64		mg/L	0.010	0.0029	1	371507	05/16/25	05/16/25	SBW
Potassium	2.5		mg/L	0.50	0.40	1	371507	05/16/25	05/16/25	SBW
Sodium	410		mg/L	0.50	0.34	1	371507	05/16/25	05/16/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	372276	05/26/25	05/26/25	EJB
Freon 12	ND		ug/L	5.0	0.3	1	372276	05/26/25	05/26/25	EJB
Chloromethane	ND		ug/L	5.0	0.4	1	372276	05/26/25	05/26/25	EJB
Vinyl Chloride	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Bromomethane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Chloroethane	ND		ug/L	5.0	0.3	1	372276	05/26/25	05/26/25	EJB
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Acetone	ND		ug/L	100	44	1	372276	05/26/25	05/26/25	EJB
Freon 113	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
Methylene Chloride	ND		ug/L	5.0	3.5	1	372276	05/26/25	05/26/25	EJB
MTBE	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,1-Dichloroethane	ND		ug/L	5.0	0.08	1	372276	05/26/25	05/26/25	EJB
2-Butanone	ND		ug/L	100	2.3	1	372276	05/26/25	05/26/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Chloroform	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
Bromochloromethane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,1-Dichloropropene	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Carbon Tetrachloride	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB

Analysis Results for 533146

533146-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
Trichloroethene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
Bromodichloromethane	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
Dibromomethane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	1	372276	05/26/25	05/26/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Toluene	ND		ug/L	5.0	0.3	1	372276	05/26/25	05/26/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
Tetrachloroethene	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Dibromochloromethane	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
Chlorobenzene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Ethylbenzene	ND		ug/L	5.0	0.07	1	372276	05/26/25	05/26/25	EJB
m,p-Xylenes	ND		ug/L	10	0.1	1	372276	05/26/25	05/26/25	EJB
o-Xylene	ND		ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	EJB
Styrene	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Bromoform	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Isopropylbenzene	ND		ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	EJB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Propylbenzene	ND		ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	EJB
Bromobenzene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	EJB
2-Chlorotoluene	ND		ug/L	5.0	0.08	1	372276	05/26/25	05/26/25	EJB
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
tert-Butylbenzene	ND		ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
sec-Butylbenzene	ND		ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,4-Dichlorobenzene	0.2	J	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
n-Butylbenzene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	1	372276	05/26/25	05/26/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	EJB
Hexachlorobutadiene	ND		ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	EJB
Naphthalene	ND		ug/L	5.0	0.5	1	372276	05/26/25	05/26/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	372276	05/26/25	05/26/25	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	1	372276	05/26/25	05/26/25	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	1	372276	05/26/25	05/26/25	EJB
Xylene (total)	ND		ug/L	5.0		1	372276	05/26/25	05/26/25	EJB
Surrogates			Limits							
Dibromofluoromethane	100%		%REC	70-130		1	372276	05/26/25	05/26/25	EJB
1,2-Dichloroethane-d4	102%		%REC	70-130		1	372276	05/26/25	05/26/25	EJB
Toluene-d8	101%		%REC	70-130		1	372276	05/26/25	05/26/25	EJB
Bromofluorobenzene	102%		%REC	70-130		1	372276	05/26/25	05/26/25	EJB

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 533146

533146-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.88	1	371590	05/16/25	05/17/25	TJW
Surrogates			Limits							
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	371590	05/16/25	05/17/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	371867	05/20/25	05/20/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	0.96	J	mg/L	1.0	0.68	1	372370	05/27/25	05/28/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	200		mg/L	5.0		2.5	371760	05/19/25	05/19/25	WWC
Alkalinity, Total as CaCO3	200		mg/L	5.0		2.5	371760	05/19/25	05/19/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	2,400		mg/L	20		2	371831	05/20/25	05/21/25	RDL

Analysis Results for 533146

Sample ID: QCFB
Lab ID: 533146-005
Collected: 05/14/25 11:29
Matrix: Water

533146-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND	H	ug/L	5.0	0.3	1	372276	05/26/25	05/26/25	TCN
Freon 12	ND	H	ug/L	5.0	0.3	1	372276	05/26/25	05/26/25	TCN
Chloromethane	ND	H	ug/L	5.0	0.4	1	372276	05/26/25	05/26/25	TCN
Vinyl Chloride	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
Bromomethane	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
Chloroethane	ND	H	ug/L	5.0	0.3	1	372276	05/26/25	05/26/25	TCN
Trichlorofluoromethane	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
Acetone	ND	H	ug/L	100	44	1	372276	05/26/25	05/26/25	TCN
Freon 113	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
1,1-Dichloroethene	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
Methylene Chloride	ND	H	ug/L	5.0	3.5	1	372276	05/26/25	05/26/25	TCN
MTBE	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
trans-1,2-Dichloroethene	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
1,1-Dichloroethane	ND	H	ug/L	5.0	0.08	1	372276	05/26/25	05/26/25	TCN
2-Butanone	ND	H	ug/L	100	2.3	1	372276	05/26/25	05/26/25	TCN
cis-1,2-Dichloroethene	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
2,2-Dichloropropane	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
Chloroform	0.6	H,J	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
Bromochloromethane	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
1,1,1-Trichloroethane	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
1,1-Dichloropropene	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
Carbon Tetrachloride	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
1,2-Dichloroethane	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
Benzene	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
Trichloroethene	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
1,2-Dichloropropane	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
Bromodichloromethane	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
Dibromomethane	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
4-Methyl-2-Pentanone	ND	H	ug/L	5.0	0.9	1	372276	05/26/25	05/26/25	TCN
cis-1,3-Dichloropropene	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
Toluene	ND	H	ug/L	5.0	0.3	1	372276	05/26/25	05/26/25	TCN
trans-1,3-Dichloropropene	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
1,1,2-Trichloroethane	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
1,3-Dichloropropane	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
Tetrachloroethene	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
Dibromochloromethane	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
1,2-Dibromoethane	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
Chlorobenzene	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
1,1,1,2-Tetrachloroethane	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
Ethylbenzene	ND	H	ug/L	5.0	0.07	1	372276	05/26/25	05/26/25	TCN
m,p-Xylenes	ND	H	ug/L	10	0.1	1	372276	05/26/25	05/26/25	TCN
o-Xylene	ND	H	ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	TCN
Styrene	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
Bromoform	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
Isopropylbenzene	ND	H	ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	TCN

Analysis Results for 533146

533146-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
1,2,3-Trichloropropane	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
Propylbenzene	ND	H	ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	TCN
Bromobenzene	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
1,3,5-Trimethylbenzene	ND	H	ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	TCN
2-Chlorotoluene	ND	H	ug/L	5.0	0.08	1	372276	05/26/25	05/26/25	TCN
4-Chlorotoluene	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
tert-Butylbenzene	ND	H	ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	TCN
1,2,4-Trimethylbenzene	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
sec-Butylbenzene	ND	H	ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	TCN
para-Isopropyl Toluene	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
1,3-Dichlorobenzene	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
1,4-Dichlorobenzene	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
n-Butylbenzene	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
1,2-Dichlorobenzene	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
1,2-Dibromo-3-Chloropropane	ND	H	ug/L	5.0	1.0	1	372276	05/26/25	05/26/25	TCN
1,2,4-Trichlorobenzene	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
Hexachlorobutadiene	ND	H	ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	TCN
Naphthalene	ND	H	ug/L	5.0	0.5	1	372276	05/26/25	05/26/25	TCN
1,2,3-Trichlorobenzene	ND	H	ug/L	5.0	0.3	1	372276	05/26/25	05/26/25	TCN
cis-1,4-Dichloro-2-butene	ND	H	ug/L	5.0	0.7	1	372276	05/26/25	05/26/25	TCN
trans-1,4-Dichloro-2-butene	ND	H	ug/L	5.0	0.8	1	372276	05/26/25	05/26/25	TCN
Xylene (total)	ND		ug/L	5.0		1	372276	05/26/25	05/26/25	TCN
Surrogates	Limits									
Dibromofluoromethane	100%		%REC	70-130		1	372276	05/26/25	05/26/25	TCN
1,2-Dichloroethane-d4	99%		%REC	70-130		1	372276	05/26/25	05/26/25	TCN
Toluene-d8	102%		%REC	70-130		1	372276	05/26/25	05/26/25	TCN
Bromofluorobenzene	103%		%REC	70-130		1	372276	05/26/25	05/26/25	TCN

Analysis Results for 533146

Sample ID: QCTB
Lab ID: 533146-006
Collected: 05/14/25
Matrix: Water

533146-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND	H	ug/L	5.0	0.3	1	372276	05/26/25	05/26/25	TCN
Freon 12	ND	H	ug/L	5.0	0.3	1	372276	05/26/25	05/26/25	TCN
Chloromethane	ND	H	ug/L	5.0	0.4	1	372276	05/26/25	05/26/25	TCN
Vinyl Chloride	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
Bromomethane	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
Chloroethane	ND	H	ug/L	5.0	0.3	1	372276	05/26/25	05/26/25	TCN
Trichlorofluoromethane	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
Acetone	ND	H	ug/L	100	44	1	372276	05/26/25	05/26/25	TCN
Freon 113	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
1,1-Dichloroethene	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
Methylene Chloride	ND	H	ug/L	5.0	3.5	1	372276	05/26/25	05/26/25	TCN
MTBE	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
trans-1,2-Dichloroethene	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
1,1-Dichloroethane	ND	H	ug/L	5.0	0.08	1	372276	05/26/25	05/26/25	TCN
2-Butanone	ND	H	ug/L	100	2.3	1	372276	05/26/25	05/26/25	TCN
cis-1,2-Dichloroethene	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
2,2-Dichloropropane	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
Chloroform	0.5	H,J	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
Bromochloromethane	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
1,1,1-Trichloroethane	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
1,1-Dichloropropene	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
Carbon Tetrachloride	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
1,2-Dichloroethane	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
Benzene	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
Trichloroethene	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
1,2-Dichloropropane	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
Bromodichloromethane	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
Dibromomethane	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
4-Methyl-2-Pentanone	ND	H	ug/L	5.0	0.9	1	372276	05/26/25	05/26/25	TCN
cis-1,3-Dichloropropene	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
Toluene	ND	H	ug/L	5.0	0.3	1	372276	05/26/25	05/26/25	TCN
trans-1,3-Dichloropropene	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
1,1,2-Trichloroethane	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
1,3-Dichloropropane	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
Tetrachloroethene	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
Dibromochloromethane	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
1,2-Dibromoethane	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
Chlorobenzene	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
1,1,1,2-Tetrachloroethane	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
Ethylbenzene	ND	H	ug/L	5.0	0.07	1	372276	05/26/25	05/26/25	TCN
m,p-Xylenes	ND	H	ug/L	10	0.1	1	372276	05/26/25	05/26/25	TCN
o-Xylene	ND	H	ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	TCN
Styrene	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
Bromoform	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
Isopropylbenzene	ND	H	ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	TCN

Analysis Results for 533146

533146-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
1,2,3-Trichloropropane	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
Propylbenzene	ND	H	ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	TCN
Bromobenzene	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
1,3,5-Trimethylbenzene	ND	H	ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	TCN
2-Chlorotoluene	ND	H	ug/L	5.0	0.08	1	372276	05/26/25	05/26/25	TCN
4-Chlorotoluene	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
tert-Butylbenzene	ND	H	ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	TCN
1,2,4-Trimethylbenzene	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
sec-Butylbenzene	ND	H	ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	TCN
para-Isopropyl Toluene	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
1,3-Dichlorobenzene	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
1,4-Dichlorobenzene	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
n-Butylbenzene	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
1,2-Dichlorobenzene	ND	H	ug/L	5.0	0.1	1	372276	05/26/25	05/26/25	TCN
1,2-Dibromo-3-Chloropropane	ND	H	ug/L	5.0	1.0	1	372276	05/26/25	05/26/25	TCN
1,2,4-Trichlorobenzene	ND	H	ug/L	5.0	0.2	1	372276	05/26/25	05/26/25	TCN
Hexachlorobutadiene	ND	H	ug/L	5.0	0.09	1	372276	05/26/25	05/26/25	TCN
Naphthalene	ND	H	ug/L	5.0	0.5	1	372276	05/26/25	05/26/25	TCN
1,2,3-Trichlorobenzene	ND	H	ug/L	5.0	0.3	1	372276	05/26/25	05/26/25	TCN
cis-1,4-Dichloro-2-butene	ND	H	ug/L	5.0	0.7	1	372276	05/26/25	05/26/25	TCN
trans-1,4-Dichloro-2-butene	ND	H	ug/L	5.0	0.8	1	372276	05/26/25	05/26/25	TCN
Xylene (total)	ND		ug/L	5.0		1	372276	05/26/25	05/26/25	TCN
Surrogates	Limits									
Dibromofluoromethane	99%		%REC	70-130		1	372276	05/26/25	05/26/25	TCN
1,2-Dichloroethane-d4	98%		%REC	70-130		1	372276	05/26/25	05/26/25	TCN
Toluene-d8	100%		%REC	70-130		1	372276	05/26/25	05/26/25	TCN
Bromofluorobenzene	101%		%REC	70-130		1	372276	05/26/25	05/26/25	TCN

B Contamination found in associated Method Blank
 H Holding time was exceeded
 J Estimated value
 ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1257664	Batch: 371436
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1257664 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chloride	ND		mg/L	1.0	0.27	05/15/25 11:30	05/15/25 12:11
Bromide	ND		mg/L	0.30	0.060	05/15/25 11:30	05/15/25 12:11
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	05/15/25 11:30	05/15/25 12:11
Sulfate	ND		mg/L	1.0	0.25	05/15/25 11:30	05/15/25 12:11

Type: Lab Control Sample	Lab ID: QC1257665	Batch: 371436
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1257665 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chloride	46.75	50.00	mg/L	94%		90-110
Bromide	14.83	15.00	mg/L	99%		90-110
Nitrogen, Nitrate	4.524	4.518	mg/L	100%		90-110
Sulfate	24.82	25.00	mg/L	99%		90-110

Type: Matrix Spike	Lab ID: QC1257666	Batch: 371436
Matrix (Source ID): Water (533112-001)	Method: EPA 300.0	Prep Method: METHOD

QC1257666 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chloride	158.8	59.79	100.0	mg/L	99%		80-120	1
Bromide	15.11	0.2222	15.00	mg/L	99%		80-120	1
Nitrogen, Nitrate	9.152	ND	9.036	mg/L	101%		80-120	1
Sulfate	96.54	48.43	50.00	mg/L	96%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1257667	Batch: 371436
Matrix (Source ID): Water (533112-001)	Method: EPA 300.0	Prep Method: METHOD

QC1257667 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chloride	159.1	59.79	100.0	mg/L	99%		80-120	0	20	1
Bromide	15.09	0.2222	15.00	mg/L	99%		80-120	0	20	1
Nitrogen, Nitrate	9.206	ND	9.036	mg/L	102%		80-120	1	20	1
Sulfate	96.47	48.43	50.00	mg/L	96%		80-120	0	20	1

Type: Matrix Spike	Lab ID: QC1257760	Batch: 371436
Matrix (Source ID): Water (533161-001)	Method: EPA 300.0	Prep Method: METHOD

QC1257760 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chloride	101.1	ND	100.0	mg/L	101%		80-120	1
Bromide	15.05	ND	15.00	mg/L	100%		80-120	1
Nitrogen, Nitrate	9.291	ND	9.036	mg/L	103%		80-120	1
Sulfate	55.10	4.695	50.00	mg/L	101%		80-120	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1257761	Batch: 371436
Matrix (Source ID): Water (533161-001)	Method: EPA 300.0	Prep Method: METHOD

QC1257761 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chloride	101.8	ND	100.0	mg/L	102%		80-120	1	20	1
Bromide	15.17	ND	15.00	mg/L	101%		80-120	1	20	1
Nitrogen, Nitrate	9.328	ND	9.036	mg/L	103%		80-120	0	20	1
Sulfate	55.37	4.695	50.00	mg/L	101%		80-120	0	20	1

Type: Blank	Lab ID: QC1261395	Batch: 372527
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1261395 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	05/29/25 08:49	05/29/25 10:10

Type: Lab Control Sample	Lab ID: QC1261396	Batch: 372527
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1261396 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.914	10.00	mg/L	99%		90-110

Type: Matrix Spike	Lab ID: QC1261397	Batch: 372527
Matrix (Source ID): Water (533587-001)	Method: EPA 300.0	Prep Method: METHOD

QC1261397 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	21.34	0.9893	20.00	mg/L	102%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1261398	Batch: 372527
Matrix (Source ID): Water (533587-001)	Method: EPA 300.0	Prep Method: METHOD

QC1261398 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	21.45	0.9893	20.00	mg/L	102%		80-120	0	20	1

Type: Blank	Lab ID: QC1259748	Batch: 372054
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1259748 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	0.070	J	mg/L	0.10	0.050	05/22/25	05/22/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1259749	Batch: 372054
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1259749 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.035	1.000	mg/L	104%		90-110

Type: Matrix Spike	Lab ID: QC1259750	Batch: 372054
Matrix (Source ID): Water (533028-003)	Method: EPA 350.1	Prep Method: SM 4500-NH3-G SD

QC1259750 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.418	0.4299	1.000	mg/L	99%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1259751	Batch: 372054
Matrix (Source ID): Water (533028-003)	Method: EPA 350.1	Prep Method: SM 4500-NH3-G SD

QC1259751 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Ammonia-N	1.387	0.4299	1.000	mg/L	96%		90-110	2	20	1

Type: Matrix Spike	Lab ID: QC1259758	Batch: 372054
Matrix (Source ID): Water (533028-004)	Method: EPA 350.1	Prep Method: SM 4500-NH3-G SD

QC1259758 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.212	0.2663	1.000	mg/L	95%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1259759	Batch: 372054
Matrix (Source ID): Water (533028-004)	Method: EPA 350.1	Prep Method: SM 4500-NH3-G SD

QC1259759 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Ammonia-N	1.201	0.2663	1.000	mg/L	93%		90-110	1	20	1

Type: Blank	Lab ID: QC1259838	Batch: 372078
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1259838 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	05/22/25	05/23/25

Type: Lab Control Sample	Lab ID: QC1259839	Batch: 372078
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1259839 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	110.0	100.0	mg/L	110%		90-110

Batch QC

Type: Matrix Spike	Lab ID: QC1259840	Batch: 372078
Matrix (Source ID): Water (533035-004)	Method: EPA 410.4	Prep Method: METHOD

QC1259840 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	120.0	8.000	100.0	mg/L	112%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1259841	Batch: 372078
Matrix (Source ID): Water (533035-004)	Method: EPA 410.4	Prep Method: METHOD

QC1259841 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	114.0	8.000	100.0	mg/L	106%		75-125	5	20	2

Type: Matrix Spike	Lab ID: QC1259842	Batch: 372078
Matrix (Source ID): Water (533265-004)	Method: EPA 410.4	Prep Method: METHOD

QC1259842 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	112.0	8.000	100.0	mg/L	104%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1259843	Batch: 372078
Matrix (Source ID): Water (533265-004)	Method: EPA 410.4	Prep Method: METHOD

QC1259843 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	116.0	8.000	100.0	mg/L	108%		75-125	4	20	2

Type: Matrix Spike	Lab ID: QC1262342	Batch: 372796
Matrix (Source ID): Water (533146-003)	Method: EPA 410.4	Prep Method: METHOD

QC1262342 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	106.0	4.000	100.0	mg/L	102%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1262343	Batch: 372796
Matrix (Source ID): Water (533146-003)	Method: EPA 410.4	Prep Method: METHOD

QC1262343 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	110.0	4.000	100.0	mg/L	106%		75-125	4	20	2

Batch QC

Type: Blank	Lab ID: QC1262344	Batch: 372796
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1262344 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	05/31/25	05/31/25

Type: Lab Control Sample	Lab ID: QC1262345	Batch: 372796
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1262345 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	104.0	100.0	mg/L	104%		90-110

Type: Blank	Lab ID: QC1257891	Batch: 371507
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1257891 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	05/16/25	05/16/25
Calcium	ND		mg/L	0.57	0.57	05/16/25	05/16/25
Iron	ND		mg/L	0.046	0.046	05/16/25	05/16/25
Magnesium	ND		mg/L	0.10	0.025	05/16/25	05/16/25
Manganese	ND		mg/L	0.010	0.0029	05/16/25	05/16/25
Potassium	ND		mg/L	0.50	0.40	05/16/25	05/16/25
Sodium	ND		mg/L	0.50	0.34	05/16/25	05/16/25

Type: Lab Control Sample	Lab ID: QC1257892	Batch: 371507
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1257892 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3621	0.4000	mg/L	91%		80-120
Calcium	19.48	20.40	mg/L	95%		80-120
Iron	0.3782	0.4000	mg/L	95%		80-120
Magnesium	19.37	20.40	mg/L	95%		80-120
Manganese	0.3739	0.4000	mg/L	93%		80-120
Potassium	21.94	24.00	mg/L	91%		80-120
Sodium	18.84	20.40	mg/L	92%		80-120

Type: Matrix Spike	Lab ID: QC1257893	Batch: 371507
Matrix (Source ID): Water (533146-004)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1257893 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.6018	0.2252	0.4000	mg/L	94%		75-125	1
Calcium	256.4	241.2	20.40	mg/L	74%	NM	75-125	1
Iron	1.329	0.9729	0.4000	mg/L	89%		75-125	1
Magnesium	51.97	33.43	20.40	mg/L	91%		75-125	1
Manganese	0.9969	0.6361	0.4000	mg/L	90%		75-125	1
Potassium	24.91	2.539	24.00	mg/L	93%		75-125	1
Sodium	418.0	406.0	20.40	mg/L	59%	NM	75-125	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1257894	Batch: 371507
Matrix (Source ID): Water (533146-004)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1257894 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.6029	0.2252	0.4000	mg/L	94%		75-125	0	20	1
Calcium	256.0	241.2	20.40	mg/L	73%	NM	75-125	0	20	1
Iron	1.333	0.9729	0.4000	mg/L	90%		75-125	0	20	1
Magnesium	51.99	33.43	20.40	mg/L	91%		75-125	0	20	1
Manganese	0.9965	0.6361	0.4000	mg/L	90%		75-125	0	20	1
Potassium	24.99	2.539	24.00	mg/L	94%		75-125	0	20	1
Sodium	423.0	406.0	20.40	mg/L	83%	NM	75-125	1	20	1

Type: Serial Dilution	Lab ID: QC1258001	Batch: 371507
Matrix (Source ID): Water (533035-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1258001 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	0.1912	0.2142	mg/L	J			5
Calcium	22.75	24.39	mg/L				5
Iron	ND	ND	mg/L				5
Magnesium	2.860	2.976	mg/L				5
Manganese	ND	ND	mg/L				5
Potassium	ND	1.658	mg/L				5
Sodium	274.3	278.3	mg/L				5

Batch QC

Type: Blank	Lab ID: QC1260541	Batch: 372276
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1260541 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.3	05/26/25	05/26/25
Freon 12	ND		ug/L	5.0	0.3	05/26/25	05/26/25
Chloromethane	ND		ug/L	5.0	0.4	05/26/25	05/26/25
Vinyl Chloride	ND		ug/L	5.0	0.2	05/26/25	05/26/25
Bromomethane	ND		ug/L	5.0	0.2	05/26/25	05/26/25
Chloroethane	ND		ug/L	5.0	0.3	05/26/25	05/26/25
Trichlorofluoromethane	ND		ug/L	5.0	0.2	05/26/25	05/26/25
Acetone	ND		ug/L	100	44	05/26/25	05/26/25
Freon 113	ND		ug/L	5.0	0.1	05/26/25	05/26/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	05/26/25	05/26/25
Methylene Chloride	ND		ug/L	5.0	3.5	05/26/25	05/26/25
MTBE	ND		ug/L	5.0	0.1	05/26/25	05/26/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	05/26/25	05/26/25
1,1-Dichloroethane	ND		ug/L	5.0	0.08	05/26/25	05/26/25
2-Butanone	ND		ug/L	100	2.3	05/26/25	05/26/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	05/26/25	05/26/25
2,2-Dichloropropane	ND		ug/L	5.0	0.2	05/26/25	05/26/25
Chloroform	ND		ug/L	5.0	0.1	05/26/25	05/26/25
Bromochloromethane	ND		ug/L	5.0	0.2	05/26/25	05/26/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	05/26/25	05/26/25
1,1-Dichloropropene	ND		ug/L	5.0	0.2	05/26/25	05/26/25
Carbon Tetrachloride	ND		ug/L	5.0	0.2	05/26/25	05/26/25
1,2-Dichloroethane	ND		ug/L	5.0	0.1	05/26/25	05/26/25
Benzene	ND		ug/L	5.0	0.1	05/26/25	05/26/25
Trichloroethene	ND		ug/L	5.0	0.1	05/26/25	05/26/25
1,2-Dichloropropane	ND		ug/L	5.0	0.1	05/26/25	05/26/25
Bromodichloromethane	ND		ug/L	5.0	0.1	05/26/25	05/26/25
Dibromomethane	ND		ug/L	5.0	0.2	05/26/25	05/26/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	05/26/25	05/26/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	05/26/25	05/26/25
Toluene	ND		ug/L	5.0	0.3	05/26/25	05/26/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	05/26/25	05/26/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	05/26/25	05/26/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	05/26/25	05/26/25
Tetrachloroethene	ND		ug/L	5.0	0.2	05/26/25	05/26/25
Dibromochloromethane	ND		ug/L	5.0	0.1	05/26/25	05/26/25
1,2-Dibromoethane	ND		ug/L	5.0	0.1	05/26/25	05/26/25
Chlorobenzene	ND		ug/L	5.0	0.1	05/26/25	05/26/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	05/26/25	05/26/25
Ethylbenzene	ND		ug/L	5.0	0.07	05/26/25	05/26/25
m,p-Xylenes	ND		ug/L	10	0.1	05/26/25	05/26/25
o-Xylene	ND		ug/L	5.0	0.09	05/26/25	05/26/25
Styrene	ND		ug/L	5.0	0.2	05/26/25	05/26/25
Bromoform	ND		ug/L	5.0	0.2	05/26/25	05/26/25
Isopropylbenzene	ND		ug/L	5.0	0.09	05/26/25	05/26/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	05/26/25	05/26/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	05/26/25	05/26/25

Batch QC

QC1260541 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.09	05/26/25	05/26/25
Bromobenzene	ND		ug/L	5.0	0.1	05/26/25	05/26/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	05/26/25	05/26/25
2-Chlorotoluene	ND		ug/L	5.0	0.08	05/26/25	05/26/25
4-Chlorotoluene	ND		ug/L	5.0	0.1	05/26/25	05/26/25
tert-Butylbenzene	ND		ug/L	5.0	0.09	05/26/25	05/26/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	05/26/25	05/26/25
sec-Butylbenzene	ND		ug/L	5.0	0.09	05/26/25	05/26/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	05/26/25	05/26/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	05/26/25	05/26/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	05/26/25	05/26/25
n-Butylbenzene	ND		ug/L	5.0	0.1	05/26/25	05/26/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	05/26/25	05/26/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	05/26/25	05/26/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	05/26/25	05/26/25
Hexachlorobutadiene	ND		ug/L	5.0	0.09	05/26/25	05/26/25
Naphthalene	ND		ug/L	5.0	0.5	05/26/25	05/26/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	05/26/25	05/26/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	05/26/25	05/26/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	05/26/25	05/26/25
Xylene (total)	ND		ug/L	5.0		05/26/25	05/26/25
Surrogates	Limits						
Dibromofluoromethane	98%		%REC	70-130		05/26/25	05/26/25
1,2-Dichloroethane-d4	97%		%REC	70-130		05/26/25	05/26/25
Toluene-d8	100%		%REC	70-130		05/26/25	05/26/25
Bromofluorobenzene	104%		%REC	70-130		05/26/25	05/26/25

Type: Lab Control Sample
Matrix: Water

Lab ID: QC1260542
Method: EPA 8260B

Batch: 372276
Prep Method: EPA 5030B

QC1260542 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	50.75	50.00	ug/L	101%		70-135
MTBE	49.38	50.00	ug/L	99%		70-130
Benzene	50.71	50.00	ug/L	101%		70-130
Trichloroethene	49.55	50.00	ug/L	99%		70-130
Toluene	50.76	50.00	ug/L	102%		70-130
Chlorobenzene	52.14	50.00	ug/L	104%		70-130
Surrogates						
Dibromofluoromethane	47.99	50.00	ug/L	96%		70-130
1,2-Dichloroethane-d4	47.14	50.00	ug/L	94%		70-130
Toluene-d8	49.71	50.00	ug/L	99%		70-130
Bromofluorobenzene	49.62	50.00	ug/L	99%		70-130

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1260543	Batch: 372276
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1260543 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	47.62	50.00	ug/L	95%		70-135	6	30
MTBE	49.79	50.00	ug/L	100%		70-130	1	30
Benzene	49.38	50.00	ug/L	99%		70-130	3	30
Trichloroethene	50.14	50.00	ug/L	100%		70-130	1	30
Toluene	51.38	50.00	ug/L	103%		70-130	1	30
Chlorobenzene	51.28	50.00	ug/L	103%		70-130	2	30
Surrogates								
Dibromofluoromethane	48.72	50.00	ug/L	97%		70-130		
1,2-Dichloroethane-d4	47.14	50.00	ug/L	94%		70-130		
Toluene-d8	50.43	50.00	ug/L	101%		70-130		
Bromofluorobenzene	47.92	50.00	ug/L	96%		70-130		

Type: Matrix Spike	Lab ID: QC1260549	Batch: 372276
Matrix (Source ID): Water (533421-011)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1260549 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	18.07	ND	20.00	ug/L	90%		70-130	1
MTBE	23.46	5.251	20.00	ug/L	91%		75-130	1
Benzene	69.46	59.13	20.00	ug/L	52%	*	70-130	1
Trichloroethene	18.77	ND	20.00	ug/L	94%		63-130	1
Toluene	18.97	ND	20.00	ug/L	95%		70-130	1
Chlorobenzene	19.31	ND	20.00	ug/L	97%		70-130	1
Surrogates								
Dibromofluoromethane	48.11		50.00	ug/L	96%		70-130	1
1,2-Dichloroethane-d4	50.08		50.00	ug/L	100%		70-130	1
Toluene-d8	50.49		50.00	ug/L	101%		70-130	1
Bromofluorobenzene	48.66		50.00	ug/L	97%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1260550	Batch: 372276
Matrix (Source ID): Water (533421-011)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1260550 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	19.32	ND	20.00	ug/L	97%		70-130	7	30	1
MTBE	24.06	5.251	20.00	ug/L	94%		75-130	3	30	1
Benzene	71.37	59.13	20.00	ug/L	61%	*	70-130	3	30	1
Trichloroethene	20.48	ND	20.00	ug/L	102%		63-130	9	30	1
Toluene	20.78	ND	20.00	ug/L	104%		70-130	9	30	1
Chlorobenzene	20.80	ND	20.00	ug/L	104%		70-130	7	30	1
Surrogates										
Dibromofluoromethane	48.50		50.00	ug/L	97%		70-130			1
1,2-Dichloroethane-d4	50.60		50.00	ug/L	101%		70-130			1
Toluene-d8	50.81		50.00	ug/L	102%		70-130			1
Bromofluorobenzene	50.06		50.00	ug/L	100%		70-130			1

Type: Blank	Lab ID: QC1258160	Batch: 371590
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1258160 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.88	05/16/25	05/17/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		05/16/25	05/17/25

Type: Lab Control Sample	Lab ID: QC1258161	Batch: 371590
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1258161 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	10.28	10.00	ug/L	103%		80-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.14	10.00	ug/L	101%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1258162	Batch: 371590
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1258162 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	9.938	10.00	ug/L	99%		80-120	3	20
Surrogates								
1,4-Dioxane-d8 (SUR)	9.839	10.00	ug/L	98%		80-120		

Type: Blank	Lab ID: QC1259084	Batch: 371867
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1259084 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		05/20/25	05/20/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1259085	Batch: 371867
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1259085 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1259272	Batch: 371867
Matrix (Source ID): Drinking Water (533131-007)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1259272 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: QC1259273	Batch: 371867
Matrix (Source ID): Drinking Water (533131-007)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1259273 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: QC1260865	Batch: 372370
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1260865 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.68	05/27/25	05/27/25

Type: Lab Control Sample	Lab ID: QC1260868	Batch: 372370
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1260868 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	24.86	25.00	mg/L	99%		85-115

Type: Matrix Spike	Lab ID: QC1260869	Batch: 372370
Matrix (Source ID): Water (533258-003)	Method: SM 5310B	Prep Method: SM 5310B

QC1260869 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	28.04	4.059	25.00	mg/L	96%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1260870	Batch: 372370
Matrix (Source ID): Water (533258-003)	Method: SM 5310B	Prep Method: SM 5310B

QC1260870 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Total Organic Carbon	27.55	4.059	25.00	mg/L	94%		75-125	2	25	1

Batch QC

Type: Blank	Lab ID: QC1258688	Batch: 371760
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1258688 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		05/19/25	05/19/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		05/19/25	05/19/25

Type: Lab Control Sample	Lab ID: QC1258689	Batch: 371760
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1258689 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	1,012	1000	mg/L	101%		90-110

Type: Sample Duplicate	Lab ID: QC1258690	Batch: 371760
Matrix (Source ID): Water (533258-006)	Method: SM2320B	Prep Method: METHOD

QC1258690 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	187.3	191.3	mg/L		2	20	5
Alkalinity, Total as CaCO ₃	187.3	191.3	mg/L		2	20	5

Type: Blank	Lab ID: QC1258949	Batch: 371831
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1258949 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		05/20/25	05/21/25

Type: Lab Control Sample	Lab ID: QC1258950	Batch: 371831
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1258950 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,014	1000	mg/L	101%		90-110

Type: Sample Duplicate	Lab ID: QC1258951	Batch: 371831
Matrix (Source ID): Water (533225-001)	Method: SM2540C	Prep Method: METHOD

QC1258951 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	508.0	486.0	mg/L		4	5	2

Type: Sample Duplicate	Lab ID: QC1258952	Batch: 371831
Matrix (Source ID): Water (533214-001)	Method: SM2540C	Prep Method: METHOD

QC1258952 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	770.0	738.0	mg/L		4	5	2

Batch QC

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

Laboratory Job Number 533146

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2505D17

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: PO-079649

Project: EO-533146

Project Location:

Project Received: 05/20/2025

Analytical Report reviewed & approved for release on 05/21/2025 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: 2505D17

Project: EO-533146

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: 2505D17

Project: EO-533146

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: 05/20/2025 12:02
Date Prepared: 05/21/2025
Project: EO-533146

WorkOrder: 2505D17
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	2505D17-001A	Water	05/14/2025 09:04	GC26 0521250904.D	317836

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	440	50	50	1	05/21/2025 10:45

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
PZ-4	2505D17-002A	Water	05/14/2025 10:20	GC26 0521250906.D	317836

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	14,000	500	500	10	05/21/2025 11:16

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-17	2505D17-003A	Water	05/14/2025 11:26	GC26 0521250907.D	317836

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	320	50	50	1	05/21/2025 11:27

Analyst(s): CLO

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 05/20/2025 12:02
Date Prepared: 05/21/2025
Project: EO-533146

WorkOrder: 2505D17
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	2505D17-004A	Water	05/14/2025 12:46	GC26 0521250909.D	317836

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	15,000	500	500	10	05/21/2025 13:46

Analyst(s): CLO



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 05/21/2025
Date Analyzed: 05/21/2025
Instrument: GC26
Matrix: Water
Project: EO-533146

WorkOrder: 2505D17
BatchID: 317836
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-317836

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	76	70-130	1.81	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: 2505D17

ClientCode: ENO

QuoteID: 243367

☐ 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: PO-079649
Project: EO-533146

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: 05/20/2025

Date Logged: 05/20/2025

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2505D17-001	DW-14	Water	5/14/2025 09:04	☐	A	A										
2505D17-002	PZ-4	Water	5/14/2025 10:20	☐	A	A										
2505D17-003	DW-17	Water	5/14/2025 11:26	☐	A	A										
2505D17-004	DW-15	Water	5/14/2025 12:46	☐	A	A										

Test Legend:

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

Prepared by: Gemma Gomez

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-533146

Work Order: 2505D17

Client Contact: Zach Barker

QC Level: LEVEL 2

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

Comments:

Date Logged: 5/20/2025

☐ 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 w/ HCl	☐	☐	☐	5/14/2025 9:04	1 day	5/21/2025	Present	☐	☐
002A	PZ-4	Water	RSK175 (CO2)	3	VOA w/ HCl	☐	☐	☐	5/14/2025 10:20	1 day	5/21/2025	Present	☐	☐
003A	DW-17	Water	RSK175 (CO2)	3	VOA w/ HCl	☐	☐	☐	5/14/2025 11:26	1 day	5/21/2025	Present	☐	☐
004A	DW-15	Water	RSK175 (CO2)	3	VOA w/ HCl	☐	☐	☐	5/14/2025 12:46	1 day	5/21/2025	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.

2505017



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

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

Enthalpy Order: EO-533146
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-MAY-2025 09:04	533146-001	3	Water	RSK-175 CO2	
PZ-4	14-MAY-2025 10:20	533146-002	3	Water	RSK-175 CO2	
DW-17	14-MAY-2025 11:26	533146-003	3	Water	RSK-175 CO2	
DW-15	14-MAY-2025 12:46	533146-004	3	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	<i>Chana Roberts</i>	<i>ggy</i>
	Date: 5-19-25 16:26	Date: 5/20/25 12:02
	Date:	Date:
	Date:	Date:

915:563027678

46-05347



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-533146

Date and Time Received: 5/20/2025 12:02
Date Logged: 5/20/2025
Received by: Gemma Gomez
Logged by: Gemma Gomez

WorkOrder No: 2505D17 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 ☐

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: 0.3°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 : 533265
Report Level : II
Report Date : 05/30/2025

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, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197



Sample Summary

Steve Cassulo	Lab Job #:	533265
Waste Connections	Project No:	GW MONITORING
Chiquita Canyon Landfill	Location:	Chiquita Canyon Landfill, Quarterly MPars
29201 Henry Mayo	Date Received:	05/15/25
Drive		
Castaic, CA 91384		

Sample ID	Lab ID	Collected	Matrix
DW-1	533265-001	05/15/25 08:29	Water
DW-30	533265-002	05/15/25 09:24	Water
DW-16	533265-003	05/15/25 10:27	Water
DW-3	533265-004	05/15/25 11:26	Water
QCFB	533265-005	05/15/25 09:26	Water
QCTB	533265-006	05/15/25 00:00	Water

Case Narrative

Waste Connections	Lab Job Number: 533265
Chiquita Canyon Landfill	Project No: GW MONITORING
29201 Henry Mayo Drive	Location: Chiquita Canyon Landfill, Quarterly
Castaic, CA 91384	MPars
Steve Cassulo	Date Received: 05/15/25

This data package contains sample and QC results for six water samples, requested for the above referenced project on 05/15/25. The samples were received cold and intact.

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

- Many analytes were analyzed outside of hold time; affected data was qualified with "H".
- QCTB (lab # 533265-006) 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 response was observed for fluoride in the CCV analyzed 05/17/25 03:56; affected data was qualified with "b".
- High response was observed for fluoride in the CCV analyzed 05/17/25 08:07; affected data was qualified with "b".
- High response was observed for fluoride in the CCV analyzed 05/17/25 09:30; affected data was qualified with "b".
- 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.

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 05/16/25 WO# 533265 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 05/16/25 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: 10.0

Cooler Temp (°C) #1: 4.7 / 4.7 #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?			
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 05/16/25 By (print) FPD

Date Labeled 05/16/25 By (print) GCK/YNN

(sign)

(sign) [Signature] for GCK/YNN

Analysis Results for 533265

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

Lab Job #: 533265
Project No: GW MONITORING
Location: Chiquita Canyon Landfill, Quarterly MPars
Date Received: 05/15/25

Sample ID: DW-1

Lab ID: 533265-001

Collected: 05/15/25 08:29

Matrix: Water

533265-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.79		mg/L	0.20	0.073	1	372573	05/29/25 14:00	05/29/25 16:33	SSN
Chloride	120		mg/L	1.0	0.27	1	371559	05/16/25 13:45	05/16/25 14:57	SSN
Bromide	0.29	J	mg/L	0.30	0.060	1	371559	05/16/25 13:45	05/16/25 14:57	SSN
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	371559	05/16/25 13:45	05/16/25 14:57	SSN
Sulfate	400		mg/L	10	2.5	10	371559	05/16/25 13:45	05/16/25 15:18	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	372180	05/23/25	05/27/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	13		mg/L	4.0	2.0	1	372078	05/22/25	05/23/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.21		mg/L	0.050	0.0055	1	371629	05/17/25	05/18/25	KCD
Calcium	58		mg/L	0.57	0.57	1	371629	05/17/25	05/18/25	KCD
Iron	ND		mg/L	0.041	0.041	1	371629	05/17/25	05/18/25	KCD
Magnesium	11		mg/L	0.10	0.025	1	371629	05/17/25	05/18/25	KCD
Manganese	0.047		mg/L	0.010	0.0029	1	371629	05/17/25	05/18/25	KCD
Potassium	2.3		mg/L	0.50	0.40	1	371629	05/17/25	05/18/25	KCD
Sodium	220		mg/L	0.50	0.34	1	371629	05/17/25	05/18/25	KCD
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	372496	05/29/25	05/29/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	372496	05/29/25	05/29/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	372496	05/29/25	05/29/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	372496	05/29/25	05/29/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	372496	05/29/25	05/29/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	372496	05/29/25	05/29/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	372496	05/29/25	05/29/25	ZST
Acetone	ND		ug/L	100	21	1	372496	05/29/25	05/29/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	372496	05/29/25	05/29/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	372496	05/29/25	05/29/25	ZST
Methylene Chloride	ND		ug/L	5.0	2.4	1	372496	05/29/25	05/29/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	372496	05/29/25	05/29/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	372496	05/29/25	05/29/25	ZST
1,1-Dichloroethane	0.1	J	ug/L	5.0	0.09	1	372496	05/29/25	05/29/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	372496	05/29/25	05/29/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	372496	05/29/25	05/29/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	372496	05/29/25	05/29/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	372496	05/29/25	05/29/25	ZST

Analysis Results for 533265

533265-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.2	1	372496	05/29/25	05/29/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	372496	05/29/25	05/29/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	372496	05/29/25	05/29/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	372496	05/29/25	05/29/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	372496	05/29/25	05/29/25	ZST
Benzene	ND		ug/L	5.0	0.1	1	372496	05/29/25	05/29/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	372496	05/29/25	05/29/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	372496	05/29/25	05/29/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	372496	05/29/25	05/29/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	372496	05/29/25	05/29/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	372496	05/29/25	05/29/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	372496	05/29/25	05/29/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	372496	05/29/25	05/29/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	372496	05/29/25	05/29/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	372496	05/29/25	05/29/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	372496	05/29/25	05/29/25	ZST
Tetrachloroethene	0.2	J	ug/L	5.0	0.09	1	372496	05/29/25	05/29/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	372496	05/29/25	05/29/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	372496	05/29/25	05/29/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	372496	05/29/25	05/29/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	372496	05/29/25	05/29/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	372496	05/29/25	05/29/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	372496	05/29/25	05/29/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	372496	05/29/25	05/29/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	372496	05/29/25	05/29/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	372496	05/29/25	05/29/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	372496	05/29/25	05/29/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	372496	05/29/25	05/29/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	372496	05/29/25	05/29/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	372496	05/29/25	05/29/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	372496	05/29/25	05/29/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	372496	05/29/25	05/29/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	372496	05/29/25	05/29/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	372496	05/29/25	05/29/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	372496	05/29/25	05/29/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	372496	05/29/25	05/29/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	372496	05/29/25	05/29/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	372496	05/29/25	05/29/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	372496	05/29/25	05/29/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	372496	05/29/25	05/29/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	372496	05/29/25	05/29/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	372496	05/29/25	05/29/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	372496	05/29/25	05/29/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	372496	05/29/25	05/29/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	372496	05/29/25	05/29/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	372496	05/29/25	05/29/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	372496	05/29/25	05/29/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	372496	05/29/25	05/29/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	372496	05/29/25	05/29/25	ZST
Xylene (total)	ND		ug/L	5.0		1	372496	05/29/25	05/29/25	ZST
Surrogates			Limits							
Dibromofluoromethane	103%		%REC	70-130		1	372496	05/29/25	05/29/25	ZST

Analysis Results for 533265

533265-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	97%		%REC	70-130		1	372496	05/29/25	05/29/25	ZST
Toluene-d8	105%		%REC	70-130		1	372496	05/29/25	05/29/25	ZST
Bromofluorobenzene	102%		%REC	70-130		1	372496	05/29/25	05/29/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

1,4-Dioxane	ND		ug/L	1.0	0.88	1	371590	05/16/25	05/17/25	TJW

Surrogates

Limits

1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	371590	05/16/25	05/17/25	TJW

Method: SM 4500-S2-D

Prep Method: METHOD

Sulfide	ND		mg/L	0.10		1	371971	05/21/25	05/21/25	LVL

Method: SM 5310B

Prep Method: SM 5310B

Total Organic Carbon	0.83	J	mg/L	1.0	0.68	1	372371	05/27/25	05/28/25	TDD

Method: SM2320B

Prep Method: METHOD

Alkalinity, Bicarbonate, as CaCO3	190		mg/L	5.0		2.5	371872	05/20/25	05/20/25	WWC
Alkalinity, Total as CaCO3	190		mg/L	5.0		2.5	371872	05/20/25	05/20/25	WWC

Method: SM2540C

Prep Method: METHOD

Total Dissolved Solids	950		mg/L	20		2	371769	05/19/25	05/20/25	RDL

Analysis Results for 533265

Sample ID: DW-30
Lab ID: 533265-002
Collected: 05/15/25 09:24
Matrix: Water

533265-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.92		mg/L	0.20	0.073	1	372573	05/29/25 14:00	05/29/25 16:50	SSN
Chloride	59		mg/L	1.0	0.27	1	371559	05/16/25 13:45	05/16/25 15:39	SSN
Bromide	0.16	J	mg/L	0.30	0.060	1	371559	05/16/25 13:45	05/16/25 15:39	SSN
Nitrogen, Nitrate	0.22		mg/L	0.10	0.05	1	371559	05/16/25 13:45	05/16/25 15:39	SSN
Sulfate	350		mg/L	10	2.5	10	371559	05/16/25 13:45	05/16/25 16:00	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	372180	05/23/25	05/27/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	11		mg/L	4.0	2.0	1	372078	05/22/25	05/23/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.21		mg/L	0.050	0.0055	1	371629	05/17/25	05/18/25	KCD
Calcium	38		mg/L	0.57	0.57	1	371629	05/17/25	05/18/25	KCD
Iron	0.24		mg/L	0.046	0.046	1	371629	05/17/25	05/18/25	KCD
Magnesium	5.9		mg/L	0.10	0.025	1	371629	05/17/25	05/18/25	KCD
Manganese	0.039		mg/L	0.010	0.0029	1	371629	05/17/25	05/18/25	KCD
Potassium	1.6		mg/L	0.50	0.40	1	371629	05/17/25	05/18/25	KCD
Sodium	190		mg/L	0.50	0.34	1	371629	05/17/25	05/18/25	KCD
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	372291	05/27/25	05/27/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	372291	05/27/25	05/27/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	372291	05/27/25	05/27/25	ZST
Acetone	ND		ug/L	100	21	1	372291	05/27/25	05/27/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	372291	05/27/25	05/27/25	ZST
Methylene Chloride	ND		ug/L	5.0	2.4	1	372291	05/27/25	05/27/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	372291	05/27/25	05/27/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	372291	05/27/25	05/27/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	372291	05/27/25	05/27/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	372291	05/27/25	05/27/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST

Analysis Results for 533265

533265-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	372291	05/27/25	05/27/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	372291	05/27/25	05/27/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	372291	05/27/25	05/27/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Tetrachloroethene	0.5	J	ug/L	5.0	0.09	1	372291	05/27/25	05/27/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	372291	05/27/25	05/27/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	372291	05/27/25	05/27/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	372291	05/27/25	05/27/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	372291	05/27/25	05/27/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	372291	05/27/25	05/27/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	372291	05/27/25	05/27/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
Xylene (total)	ND		ug/L	5.0		1	372291	05/27/25	05/27/25	ZST
Surrogates			Limits							
Dibromofluoromethane	108%		%REC	70-130		1	372291	05/27/25	05/27/25	ZST
1,2-Dichloroethane-d4	95%		%REC	70-130		1	372291	05/27/25	05/27/25	ZST
Toluene-d8	104%		%REC	70-130		1	372291	05/27/25	05/27/25	ZST
Bromofluorobenzene	101%		%REC	70-130		1	372291	05/27/25	05/27/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 533265

533265-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.88	1	371590	05/16/25	05/17/25	TJW
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	98%		%REC	80-120		1	371590	05/16/25	05/17/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	371971	05/21/25	05/21/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	372371	05/27/25	05/28/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	170		mg/L	5.0		2.5	371872	05/20/25	05/20/25	WWC
Alkalinity, Total as CaCO3	170		mg/L	5.0		2.5	371872	05/20/25	05/20/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	800		mg/L	20		2	371769	05/19/25	05/20/25	RDL

Analysis Results for 533265

Sample ID: DW-16
Lab ID: 533265-003
Collected: 05/15/25 10:27
Matrix: Water

533265-003 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	372573	05/29/25 14:00	05/29/25 17:06	SSN
Chloride	110		mg/L	1.0	0.27	1	371559	05/16/25 13:45	05/16/25 16:21	SSN
Bromide	0.29	J	mg/L	0.30	0.060	1	371559	05/16/25 13:45	05/16/25 16:21	SSN
Nitrogen, Nitrate	2.4		mg/L	0.10	0.05	1	371559	05/16/25 13:45	05/16/25 16:21	SSN
Sulfate	200		mg/L	10	2.5	10	371559	05/16/25 13:45	05/16/25 16:42	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	372180	05/23/25	05/27/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	12		mg/L	4.0	2.0	1	372078	05/22/25	05/23/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.13		mg/L	0.050	0.0055	1	371629	05/17/25	05/18/25	KCD
Calcium	6.7		mg/L	0.57	0.57	1	371629	05/17/25	05/18/25	KCD
Iron	ND		mg/L	0.041	0.041	1	371629	05/17/25	05/18/25	KCD
Magnesium	0.39		mg/L	0.10	0.025	1	371629	05/17/25	05/18/25	KCD
Manganese	ND		mg/L	0.010	0.0029	1	371629	05/17/25	05/18/25	KCD
Potassium	0.73		mg/L	0.50	0.40	1	371629	05/17/25	05/18/25	KCD
Sodium	230		mg/L	0.50	0.34	1	371629	05/17/25	05/18/25	KCD
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	372291	05/27/25	05/27/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
Vinyl Chloride	0.2	J	ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	372291	05/27/25	05/27/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
Trichlorofluoromethane	0.1	J	ug/L	5.0	0.08	1	372291	05/27/25	05/27/25	ZST
Acetone	ND		ug/L	100	21	1	372291	05/27/25	05/27/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	372291	05/27/25	05/27/25	ZST
Methylene Chloride	ND		ug/L	5.0	2.4	1	372291	05/27/25	05/27/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	372291	05/27/25	05/27/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,1-Dichloroethane	1.2	J	ug/L	5.0	0.09	1	372291	05/27/25	05/27/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	372291	05/27/25	05/27/25	ZST
cis-1,2-Dichloroethene	0.9	J	ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Chloroform	0.2	J	ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	372291	05/27/25	05/27/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST

Analysis Results for 533265

533265-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	0.2	J	ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Trichloroethene	0.7	J	ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	372291	05/27/25	05/27/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	372291	05/27/25	05/27/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	372291	05/27/25	05/27/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Tetrachloroethene	0.7	J	ug/L	5.0	0.09	1	372291	05/27/25	05/27/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	372291	05/27/25	05/27/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	372291	05/27/25	05/27/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	372291	05/27/25	05/27/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,4-Dichlorobenzene	0.3	J	ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	372291	05/27/25	05/27/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	372291	05/27/25	05/27/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	372291	05/27/25	05/27/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
Xylene (total)	ND		ug/L	5.0		1	372291	05/27/25	05/27/25	ZST
Surrogates				Limits						
Dibromofluoromethane	106%		%REC	70-130		1	372291	05/27/25	05/27/25	ZST
1,2-Dichloroethane-d4	96%		%REC	70-130		1	372291	05/27/25	05/27/25	ZST
Toluene-d8	105%		%REC	70-130		1	372291	05/27/25	05/27/25	ZST
Bromofluorobenzene	102%		%REC	70-130		1	372291	05/27/25	05/27/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 533265

533265-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.88	1	371590	05/16/25	05/17/25	TJW
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	371590	05/16/25	05/17/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	371971	05/21/25	05/21/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	1.7		mg/L	1.0	0.68	1	372371	05/27/25	05/28/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	230		mg/L	5.0		2.5	371872	05/20/25	05/20/25	WWC
Alkalinity, Total as CaCO3	230		mg/L	5.0		2.5	371872	05/20/25	05/20/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	730		mg/L	20		2	371769	05/19/25	05/20/25	RDL

Analysis Results for 533265

Sample ID: DW-3
Lab ID: 533265-004
Collected: 05/15/25 11:26
Matrix: Water

533265-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.69		mg/L	0.20	0.073	1	372573	05/29/25 14:00	05/29/25 17:57	SSN
Chloride	59		mg/L	1.0	0.27	1	371559	05/16/25 13:45	05/16/25 17:02	SSN
Bromide	0.19	J	mg/L	0.30	0.060	1	371559	05/16/25 13:45	05/16/25 17:02	SSN
Nitrogen, Nitrate	1.9		mg/L	0.10	0.05	1	371559	05/16/25 13:45	05/16/25 17:02	SSN
Sulfate	110		mg/L	10	2.5	10	371559	05/16/25 13:45	05/16/25 17:23	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	372180	05/23/25	05/27/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	8.0		mg/L	4.0	2.0	1	372078	05/22/25	05/23/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.26		mg/L	0.050	0.0055	1	371629	05/17/25	05/18/25	KCD
Calcium	33		mg/L	0.57	0.57	1	371629	05/17/25	05/18/25	KCD
Iron	ND		mg/L	0.041	0.041	1	371629	05/17/25	05/18/25	KCD
Magnesium	4.0		mg/L	0.10	0.025	1	371629	05/17/25	05/18/25	KCD
Manganese	ND		mg/L	0.010	0.0029	1	371629	05/17/25	05/18/25	KCD
Potassium	1.6		mg/L	0.50	0.40	1	371629	05/17/25	05/18/25	KCD
Sodium	110		mg/L	0.50	0.34	1	371629	05/17/25	05/18/25	KCD
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	372291	05/27/25	05/27/25	ZST
Freon 12	4.1	J	ug/L	5.0	0.2	1	372496	05/29/25	05/29/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	372291	05/27/25	05/27/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
Trichlorofluoromethane	0.1	J	ug/L	5.0	0.08	1	372291	05/27/25	05/27/25	ZST
Acetone	ND		ug/L	100	21	1	372291	05/27/25	05/27/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	372291	05/27/25	05/27/25	ZST
Methylene Chloride	ND		ug/L	5.0	2.4	1	372291	05/27/25	05/27/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	372291	05/27/25	05/27/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,1-Dichloroethane	0.3	J	ug/L	5.0	0.09	1	372291	05/27/25	05/27/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	372291	05/27/25	05/27/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	372291	05/27/25	05/27/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST

Analysis Results for 533265

533265-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	372291	05/27/25	05/27/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	372291	05/27/25	05/27/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	372291	05/27/25	05/27/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Tetrachloroethene	0.8	J	ug/L	5.0	0.09	1	372291	05/27/25	05/27/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	372291	05/27/25	05/27/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	372291	05/27/25	05/27/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	372291	05/27/25	05/27/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	372291	05/27/25	05/27/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	372291	05/27/25	05/27/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	372291	05/27/25	05/27/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
Xylene (total)	ND		ug/L	5.0		1	372291	05/27/25	05/27/25	ZST
Surrogates			Limits							
Dibromofluoromethane	109%		%REC	70-130		1	372291	05/27/25	05/27/25	ZST
1,2-Dichloroethane-d4	99%		%REC	70-130		1	372291	05/27/25	05/27/25	ZST
Toluene-d8	104%		%REC	70-130		1	372291	05/27/25	05/27/25	ZST
Bromofluorobenzene	102%		%REC	70-130		1	372291	05/27/25	05/27/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 533265

533265-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.88	1	371590	05/16/25	05/17/25	TJW
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	371590	05/16/25	05/17/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	371971	05/21/25	05/21/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	0.79	J	mg/L	1.0	0.68	1	372371	05/27/25	05/28/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	180		mg/L	5.0		2.5	371872	05/20/25	05/20/25	WWC
Alkalinity, Total as CaCO3	180		mg/L	5.0		2.5	371872	05/20/25	05/20/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	470		mg/L	20		2	371769	05/19/25	05/20/25	RDL

Analysis Results for 533265

Sample ID: QCFB
Lab ID: 533265-005
Collected: 05/15/25 09:26
Matrix: Water

533265-005 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	0.5	1	372291	05/27/25	05/27/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	372291	05/27/25	05/27/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	372291	05/27/25	05/27/25	ZST
Acetone	ND		ug/L	100	21	1	372291	05/27/25	05/27/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	372291	05/27/25	05/27/25	ZST
Methylene Chloride	11		ug/L	5.0	2.4	1	372291	05/27/25	05/27/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	372291	05/27/25	05/27/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	372291	05/27/25	05/27/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	372291	05/27/25	05/27/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Chloroform	0.9	J	ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	372291	05/27/25	05/27/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
Benzene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	372291	05/27/25	05/27/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	372291	05/27/25	05/27/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	372291	05/27/25	05/27/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	372291	05/27/25	05/27/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	372291	05/27/25	05/27/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	372291	05/27/25	05/27/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	372291	05/27/25	05/27/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST

Analysis Results for 533265

533265-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	372291	05/27/25	05/27/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	372291	05/27/25	05/27/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	372291	05/27/25	05/27/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
Xylene (total)	ND		ug/L	5.0		1	372291	05/27/25	05/27/25	ZST
Surrogates	Limits									
Dibromofluoromethane	105%		%REC	70-130		1	372291	05/27/25	05/27/25	ZST
1,2-Dichloroethane-d4	96%		%REC	70-130		1	372291	05/27/25	05/27/25	ZST
Toluene-d8	105%		%REC	70-130		1	372291	05/27/25	05/27/25	ZST
Bromofluorobenzene	102%		%REC	70-130		1	372291	05/27/25	05/27/25	ZST

Analysis Results for 533265

Sample ID: QCTB
Lab ID: 533265-006
Collected: 05/15/25
Matrix: Water

533265-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND	H	ug/L	5.0	0.5	1	372291	05/27/25	05/27/25	ZST
Freon 12	ND	H	ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
Chloromethane	ND	H	ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
Vinyl Chloride	ND	H	ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Bromomethane	ND	H	ug/L	5.0	0.4	1	372291	05/27/25	05/27/25	ZST
Chloroethane	ND	H	ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
Trichlorofluoromethane	ND	H	ug/L	5.0	0.08	1	372291	05/27/25	05/27/25	ZST
Acetone	ND	H	ug/L	100	21	1	372291	05/27/25	05/27/25	ZST
Freon 113	ND	H	ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,1-Dichloroethene	ND	H	ug/L	5.0	0.08	1	372291	05/27/25	05/27/25	ZST
Methylene Chloride	ND	H	ug/L	5.0	2.4	1	372291	05/27/25	05/27/25	ZST
MTBE	ND	H	ug/L	5.0	0.09	1	372291	05/27/25	05/27/25	ZST
trans-1,2-Dichloroethene	ND	H	ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,1-Dichloroethane	ND	H	ug/L	5.0	0.09	1	372291	05/27/25	05/27/25	ZST
2-Butanone	ND	H	ug/L	100	1.7	1	372291	05/27/25	05/27/25	ZST
cis-1,2-Dichloroethene	ND	H	ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
2,2-Dichloropropane	ND	H	ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Chloroform	0.6	H,J	ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Bromochloromethane	ND	H	ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
1,1,1-Trichloroethane	ND	H	ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,1-Dichloropropene	ND	H	ug/L	5.0	0.08	1	372291	05/27/25	05/27/25	ZST
Carbon Tetrachloride	ND	H	ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,2-Dichloroethane	ND	H	ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
Benzene	ND	H	ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Trichloroethene	ND	H	ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
1,2-Dichloropropane	ND	H	ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Bromodichloromethane	ND	H	ug/L	5.0	0.08	1	372291	05/27/25	05/27/25	ZST
Dibromomethane	ND	H	ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
4-Methyl-2-Pentanone	ND	H	ug/L	5.0	1.0	1	372291	05/27/25	05/27/25	ZST
cis-1,3-Dichloropropene	ND	H	ug/L	5.0	0.06	1	372291	05/27/25	05/27/25	ZST
Toluene	ND	H	ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
trans-1,3-Dichloropropene	ND	H	ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,1,2-Trichloroethane	ND	H	ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
1,3-Dichloropropane	ND	H	ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Tetrachloroethene	ND	H	ug/L	5.0	0.09	1	372291	05/27/25	05/27/25	ZST
Dibromochloromethane	ND	H	ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,2-Dibromoethane	ND	H	ug/L	5.0	0.07	1	372291	05/27/25	05/27/25	ZST
Chlorobenzene	ND	H	ug/L	5.0	0.09	1	372291	05/27/25	05/27/25	ZST
1,1,1,2-Tetrachloroethane	ND	H	ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Ethylbenzene	ND	H	ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
m,p-Xylenes	ND	H	ug/L	10	0.2	1	372291	05/27/25	05/27/25	ZST
o-Xylene	ND	H	ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Styrene	ND	H	ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
Bromoform	ND	H	ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
Isopropylbenzene	ND	H	ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST

Analysis Results for 533265

533265-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND	H	ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
1,2,3-Trichloropropane	ND	H	ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
Propylbenzene	ND	H	ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
Bromobenzene	ND	H	ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,3,5-Trimethylbenzene	ND	H	ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
2-Chlorotoluene	ND	H	ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
4-Chlorotoluene	ND	H	ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
tert-Butylbenzene	ND	H	ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
1,2,4-Trimethylbenzene	ND	H	ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
sec-Butylbenzene	ND	H	ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
para-Isopropyl Toluene	ND	H	ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
1,3-Dichlorobenzene	ND	H	ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,4-Dichlorobenzene	ND	H	ug/L	5.0	0.2	1	372291	05/27/25	05/27/25	ZST
n-Butylbenzene	ND	H	ug/L	5.0	0.4	1	372291	05/27/25	05/27/25	ZST
1,2-Dichlorobenzene	ND	H	ug/L	5.0	0.1	1	372291	05/27/25	05/27/25	ZST
1,2-Dibromo-3-Chloropropane	ND	H	ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
1,2,4-Trichlorobenzene	ND	H	ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
Hexachlorobutadiene	ND	H	ug/L	5.0	0.4	1	372291	05/27/25	05/27/25	ZST
Naphthalene	ND	H	ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
1,2,3-Trichlorobenzene	ND	H	ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
cis-1,4-Dichloro-2-butene	ND	H	ug/L	5.0	0.4	1	372291	05/27/25	05/27/25	ZST
trans-1,4-Dichloro-2-butene	ND	H	ug/L	5.0	0.3	1	372291	05/27/25	05/27/25	ZST
Xylene (total)	ND		ug/L	5.0		1	372291	05/27/25	05/27/25	ZST
Surrogates	Limits									
Dibromofluoromethane	105%		%REC	70-130		1	372291	05/27/25	05/27/25	ZST
1,2-Dichloroethane-d4	96%		%REC	70-130		1	372291	05/27/25	05/27/25	ZST
Toluene-d8	106%		%REC	70-130		1	372291	05/27/25	05/27/25	ZST
Bromofluorobenzene	103%		%REC	70-130		1	372291	05/27/25	05/27/25	ZST

H Holding time was exceeded
 J Estimated value
 ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1258044	Batch: 371559
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1258044 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chloride	ND		mg/L	1.0	0.27	05/16/25 13:45	05/16/25 14:16
Bromide	ND		mg/L	0.30	0.060	05/16/25 13:45	05/16/25 14:16
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	05/16/25 13:45	05/16/25 14:16
Sulfate	ND		mg/L	1.0	0.25	05/16/25 13:45	05/16/25 14:16

Type: Lab Control Sample	Lab ID: QC1258045	Batch: 371559
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1258045 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chloride	49.33	50.00	mg/L	99%		90-110
Bromide	16.21	15.00	mg/L	108%		90-110
Nitrogen, Nitrate	4.941	4.518	mg/L	109%		90-110
Sulfate	27.02	25.00	mg/L	108%		90-110

Type: Matrix Spike	Lab ID: QC1258046	Batch: 371559
Matrix (Source ID): Water (533217-001)	Method: EPA 300.0	Prep Method: METHOD

QC1258046 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chloride	108.1	6.776	100.0	mg/L	101%		80-120	1
Bromide	15.61	ND	15.00	mg/L	104%		80-120	1
Nitrogen, Nitrate	10.68	1.321	9.036	mg/L	104%		80-120	1
Sulfate	57.96	6.644	50.00	mg/L	103%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1258047	Batch: 371559
Matrix (Source ID): Water (533217-001)	Method: EPA 300.0	Prep Method: METHOD

QC1258047 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chloride	107.8	6.776	100.0	mg/L	101%		80-120	0	20	1
Bromide	15.57	ND	15.00	mg/L	104%		80-120	0	20	1
Nitrogen, Nitrate	10.64	1.321	9.036	mg/L	103%		80-120	0	20	1
Sulfate	57.75	6.644	50.00	mg/L	102%		80-120	0	20	1

Type: Matrix Spike	Lab ID: QC1258186	Batch: 371559
Matrix (Source ID): Water (533323-001)	Method: EPA 300.0	Prep Method: METHOD

QC1258186 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chloride	189.1	94.79	100.0	mg/L	94%		80-120	1
Bromide	15.62	ND	15.00	mg/L	104%		80-120	1
Nitrogen, Nitrate	9.539	ND	9.036	mg/L	106%		80-120	1
Sulfate	63.88	12.50	50.00	mg/L	103%		80-120	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1258187	Batch: 371559
Matrix (Source ID): Water (533323-001)	Method: EPA 300.0	Prep Method: METHOD

QC1258187 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chloride	188.4	94.79	100.0	mg/L	94%		80-120	0	20	1
Bromide	15.55	ND	15.00	mg/L	104%		80-120	0	20	1
Nitrogen, Nitrate	9.502	ND	9.036	mg/L	105%		80-120	0	20	1
Sulfate	63.72	12.50	50.00	mg/L	102%		80-120	0	20	1

Type: Blank	Lab ID: QC1261497	Batch: 372573
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1261497 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	05/29/25 14:00	05/29/25 15:09

Type: Lab Control Sample	Lab ID: QC1261498	Batch: 372573
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1261498 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	10.03	10.00	mg/L	100%		90-110

Type: Matrix Spike	Lab ID: QC1261499	Batch: 372573
Matrix (Source ID): Drinking Water (533613-001)	Method: EPA 300.0	Prep Method: METHOD

QC1261499 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	20.94	0.4765	20.00	mg/L	102%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1261500	Batch: 372573
Matrix (Source ID): Drinking Water (533613-001)	Method: EPA 300.0	Prep Method: METHOD

QC1261500 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	20.93	0.4765	20.00	mg/L	102%		80-120	0	20	1

Type: Blank	Lab ID: QC1260193	Batch: 372180
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1260193 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	05/23/25	05/27/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1260194	Batch: 372180
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1260194 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.017	1.000	mg/L	102%		90-110

Type: Matrix Spike	Lab ID: QC1260195	Batch: 372180
Matrix (Source ID): Water (532644-001)	Method: EPA 350.1	Prep Method: SM 4500-NH3-G SD

QC1260195 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.081	0.07857	1.000	mg/L	100%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1260196	Batch: 372180
Matrix (Source ID): Water (532644-001)	Method: EPA 350.1	Prep Method: SM 4500-NH3-G SD

QC1260196 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Ammonia-N	1.085	0.07857	1.000	mg/L	101%		90-110	0	20	1

Type: Matrix Spike	Lab ID: QC1260197	Batch: 372180
Matrix (Source ID): Water (533085-001)	Method: EPA 350.1	Prep Method: SM 4500-NH3-G SD

QC1260197 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.046	ND	1.000	mg/L	105%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1260198	Batch: 372180
Matrix (Source ID): Water (533085-001)	Method: EPA 350.1	Prep Method: SM 4500-NH3-G SD

QC1260198 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Ammonia-N	1.068	ND	1.000	mg/L	107%		90-110	2	20	1

Type: Blank	Lab ID: QC1259838	Batch: 372078
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1259838 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	05/22/25	05/23/25

Type: Lab Control Sample	Lab ID: QC1259839	Batch: 372078
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1259839 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	110.0	100.0	mg/L	110%		90-110

Batch QC

Type: Matrix Spike	Lab ID: QC1259840	Batch: 372078
Matrix (Source ID): Water (533035-004)	Method: EPA 410.4	Prep Method: METHOD

QC1259840 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	120.0	8.000	100.0	mg/L	112%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1259841	Batch: 372078
Matrix (Source ID): Water (533035-004)	Method: EPA 410.4	Prep Method: METHOD

QC1259841 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	114.0	8.000	100.0	mg/L	106%		75-125	5	20	2

Type: Matrix Spike	Lab ID: QC1259842	Batch: 372078
Matrix (Source ID): Water (533265-004)	Method: EPA 410.4	Prep Method: METHOD

QC1259842 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	112.0	8.000	100.0	mg/L	104%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1259843	Batch: 372078
Matrix (Source ID): Water (533265-004)	Method: EPA 410.4	Prep Method: METHOD

QC1259843 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	116.0	8.000	100.0	mg/L	108%		75-125	4	20	2

Type: Blank	Lab ID: QC1258270	Batch: 371629
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1258270 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	05/17/25	05/18/25
Calcium	ND		mg/L	0.57	0.57	05/17/25	05/18/25
Iron	ND		mg/L	0.041	0.041	05/17/25	05/18/25
Magnesium	ND		mg/L	0.10	0.025	05/17/25	05/18/25
Manganese	ND		mg/L	0.010	0.0029	05/17/25	05/18/25
Potassium	ND		mg/L	0.50	0.40	05/17/25	05/18/25
Sodium	ND		mg/L	0.50	0.34	05/17/25	05/18/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1258271	Batch: 371629
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1258271 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3636	0.4000	mg/L	91%		80-120
Calcium	19.10	20.40	mg/L	94%		80-120
Iron	0.3765	0.4000	mg/L	94%		80-120
Magnesium	18.91	20.40	mg/L	93%		80-120
Manganese	0.3707	0.4000	mg/L	93%		80-120
Potassium	21.49	24.00	mg/L	90%		80-120
Sodium	18.62	20.40	mg/L	91%		80-120

Type: Matrix Spike	Lab ID: QC1258272	Batch: 371629
Matrix (Source ID): Water (533265-003)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1258272 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.4889	0.1286	0.4000	mg/L	90%		75-125	1
Calcium	25.82	6.698	20.40	mg/L	94%		75-125	1
Iron	0.3746	ND	0.4000	mg/L	94%		75-125	1
Magnesium	19.25	0.3910	20.40	mg/L	92%		75-125	1
Manganese	0.3664	ND	0.4000	mg/L	92%		75-125	1
Potassium	22.21	0.7265	24.00	mg/L	90%		75-125	1
Sodium	249.2	230.8	20.40	mg/L	90%	NM	75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1258273	Batch: 371629
Matrix (Source ID): Water (533265-003)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1258273 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.4891	0.1286	0.4000	mg/L	90%		75-125	0	20	1
Calcium	25.64	6.698	20.40	mg/L	93%		75-125	1	20	1
Iron	0.3714	ND	0.4000	mg/L	93%		75-125	1	20	1
Magnesium	19.21	0.3910	20.40	mg/L	92%		75-125	0	20	1
Manganese	0.3649	ND	0.4000	mg/L	91%		75-125	0	20	1
Potassium	22.12	0.7265	24.00	mg/L	89%		75-125	0	20	1
Sodium	249.7	230.8	20.40	mg/L	93%	NM	75-125	0	20	1

Batch QC

Type: Blank	Lab ID: QC1260587	Batch: 372291
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1260587 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.5	05/27/25	05/27/25
Freon 12	ND		ug/L	5.0	0.2	05/27/25	05/27/25
Chloromethane	ND		ug/L	5.0	0.3	05/27/25	05/27/25
Vinyl Chloride	ND		ug/L	5.0	0.1	05/27/25	05/27/25
Bromomethane	ND		ug/L	5.0	0.4	05/27/25	05/27/25
Chloroethane	ND		ug/L	5.0	0.3	05/27/25	05/27/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	05/27/25	05/27/25
Acetone	ND		ug/L	100	21	05/27/25	05/27/25
Freon 113	ND		ug/L	5.0	0.1	05/27/25	05/27/25
1,1-Dichloroethene	ND		ug/L	5.0	0.08	05/27/25	05/27/25
Methylene Chloride	ND		ug/L	5.0	2.4	05/27/25	05/27/25
MTBE	ND		ug/L	5.0	0.09	05/27/25	05/27/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	05/27/25	05/27/25
1,1-Dichloroethane	ND		ug/L	5.0	0.09	05/27/25	05/27/25
2-Butanone	ND		ug/L	100	1.7	05/27/25	05/27/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	05/27/25	05/27/25
2,2-Dichloropropane	ND		ug/L	5.0	0.1	05/27/25	05/27/25
Chloroform	ND		ug/L	5.0	0.1	05/27/25	05/27/25
Bromochloromethane	ND		ug/L	5.0	0.2	05/27/25	05/27/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	05/27/25	05/27/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	05/27/25	05/27/25
Carbon Tetrachloride	ND		ug/L	5.0	0.1	05/27/25	05/27/25
1,2-Dichloroethane	ND		ug/L	5.0	0.2	05/27/25	05/27/25
Benzene	ND		ug/L	5.0	0.1	05/27/25	05/27/25
Trichloroethene	ND		ug/L	5.0	0.2	05/27/25	05/27/25
1,2-Dichloropropane	ND		ug/L	5.0	0.1	05/27/25	05/27/25
Bromodichloromethane	ND		ug/L	5.0	0.08	05/27/25	05/27/25
Dibromomethane	ND		ug/L	5.0	0.2	05/27/25	05/27/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	05/27/25	05/27/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	05/27/25	05/27/25
Toluene	ND		ug/L	5.0	0.1	05/27/25	05/27/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	05/27/25	05/27/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	05/27/25	05/27/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	05/27/25	05/27/25
Tetrachloroethene	ND		ug/L	5.0	0.09	05/27/25	05/27/25
Dibromochloromethane	ND		ug/L	5.0	0.1	05/27/25	05/27/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	05/27/25	05/27/25
Chlorobenzene	ND		ug/L	5.0	0.09	05/27/25	05/27/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	05/27/25	05/27/25
Ethylbenzene	ND		ug/L	5.0	0.1	05/27/25	05/27/25
m,p-Xylenes	ND		ug/L	10	0.2	05/27/25	05/27/25
o-Xylene	ND		ug/L	5.0	0.1	05/27/25	05/27/25
Styrene	ND		ug/L	5.0	0.1	05/27/25	05/27/25
Bromoform	ND		ug/L	5.0	0.2	05/27/25	05/27/25
Isopropylbenzene	ND		ug/L	5.0	0.1	05/27/25	05/27/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	05/27/25	05/27/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	05/27/25	05/27/25

Batch QC

QC1260587 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.2	05/27/25	05/27/25
Bromobenzene	ND		ug/L	5.0	0.1	05/27/25	05/27/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	05/27/25	05/27/25
2-Chlorotoluene	ND		ug/L	5.0	0.1	05/27/25	05/27/25
4-Chlorotoluene	ND		ug/L	5.0	0.1	05/27/25	05/27/25
tert-Butylbenzene	ND		ug/L	5.0	0.2	05/27/25	05/27/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	05/27/25	05/27/25
sec-Butylbenzene	ND		ug/L	5.0	0.2	05/27/25	05/27/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	05/27/25	05/27/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	05/27/25	05/27/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	05/27/25	05/27/25
n-Butylbenzene	ND		ug/L	5.0	0.4	05/27/25	05/27/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	05/27/25	05/27/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	05/27/25	05/27/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	05/27/25	05/27/25
Hexachlorobutadiene	ND		ug/L	5.0	0.4	05/27/25	05/27/25
Naphthalene	ND		ug/L	5.0	0.3	05/27/25	05/27/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	05/27/25	05/27/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	05/27/25	05/27/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	05/27/25	05/27/25
Xylene (total)	ND		ug/L	5.0		05/27/25	05/27/25
Surrogates	Limits						
Dibromofluoromethane	106%		%REC	70-130		05/27/25	05/27/25
1,2-Dichloroethane-d4	96%		%REC	70-130		05/27/25	05/27/25
Toluene-d8	105%		%REC	70-130		05/27/25	05/27/25
Bromofluorobenzene	101%		%REC	70-130		05/27/25	05/27/25

Type: Lab Control Sample
Matrix: Water

Lab ID: QC1260588
Method: EPA 8260B

Batch: 372291
Prep Method: EPA 5030B

QC1260588 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	59.87	50.00	ug/L	120%		70-135
MTBE	50.71	50.00	ug/L	101%		70-130
Benzene	51.64	50.00	ug/L	103%		70-130
Trichloroethene	54.91	50.00	ug/L	110%		70-130
Toluene	52.78	50.00	ug/L	106%		70-130
Chlorobenzene	52.93	50.00	ug/L	106%		70-130
Surrogates						
Dibromofluoromethane	51.53	50.00	ug/L	103%		70-130
1,2-Dichloroethane-d4	47.11	50.00	ug/L	94%		70-130
Toluene-d8	51.75	50.00	ug/L	104%		70-130
Bromofluorobenzene	48.90	50.00	ug/L	98%		70-130

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1260589	Batch: 372291
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1260589 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	51.38	50.00	ug/L	103%		70-135	15	30
MTBE	46.78	50.00	ug/L	94%		70-130	8	30
Benzene	46.99	50.00	ug/L	94%		70-130	9	30
Trichloroethene	49.29	50.00	ug/L	99%		70-130	11	30
Toluene	48.04	50.00	ug/L	96%		70-130	9	30
Chlorobenzene	49.28	50.00	ug/L	99%		70-130	7	30
Surrogates								
Dibromofluoromethane	51.56	50.00	ug/L	103%		70-130		
1,2-Dichloroethane-d4	46.84	50.00	ug/L	94%		70-130		
Toluene-d8	51.35	50.00	ug/L	103%		70-130		
Bromofluorobenzene	48.29	50.00	ug/L	97%		70-130		

Type: Matrix Spike	Lab ID: QC1260672	Batch: 372291
Matrix (Source ID): Water (533906-003)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1260672 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	1,031	ND	1000	ug/L	103%		70-130	50
MTBE	1,058	ND	1000	ug/L	106%		75-130	50
Benzene	980.9	24.36	1000	ug/L	96%		70-130	50
Trichloroethene	996.5	ND	1000	ug/L	100%		63-130	50
Toluene	986.9	18.46	1000	ug/L	97%		70-130	50
Chlorobenzene	1,014	ND	1000	ug/L	101%		70-130	50
Surrogates								
Dibromofluoromethane	2,628		2500	ug/L	105%		70-130	50
1,2-Dichloroethane-d4	2,421		2500	ug/L	97%		70-130	50
Toluene-d8	2,575		2500	ug/L	103%		70-130	50
Bromofluorobenzene	2,447		2500	ug/L	98%		70-130	50

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1260673	Batch: 372291
Matrix (Source ID): Water (533906-003)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1260673 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	1,033	ND	1000	ug/L	103%		70-130	0	30	50
MTBE	1,079	ND	1000	ug/L	108%		75-130	2	30	50
Benzene	990.5	24.36	1000	ug/L	97%		70-130	1	30	50
Trichloroethene	1,005	ND	1000	ug/L	101%		63-130	1	30	50
Toluene	977.4	18.46	1000	ug/L	96%		70-130	1	30	50
Chlorobenzene	998.1	ND	1000	ug/L	100%		70-130	2	30	50
Surrogates										
Dibromofluoromethane	2,653		2500	ug/L	106%		70-130			50
1,2-Dichloroethane-d4	2,411		2500	ug/L	96%		70-130			50
Toluene-d8	2,554		2500	ug/L	102%		70-130			50
Bromofluorobenzene	2,399		2500	ug/L	96%		70-130			50

Batch QC

Type: Blank	Lab ID: QC1261267	Batch: 372496
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1261267 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.5	05/29/25	05/29/25
Freon 12	ND		ug/L	5.0	0.2	05/29/25	05/29/25
Chloromethane	ND		ug/L	5.0	0.3	05/29/25	05/29/25
Vinyl Chloride	ND		ug/L	5.0	0.1	05/29/25	05/29/25
Bromomethane	ND		ug/L	5.0	0.4	05/29/25	05/29/25
Chloroethane	ND		ug/L	5.0	0.3	05/29/25	05/29/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	05/29/25	05/29/25
Acetone	ND		ug/L	100	21	05/29/25	05/29/25
Freon 113	ND		ug/L	5.0	0.1	05/29/25	05/29/25
1,1-Dichloroethene	ND		ug/L	5.0	0.08	05/29/25	05/29/25
Methylene Chloride	ND		ug/L	5.0	2.4	05/29/25	05/29/25
MTBE	ND		ug/L	5.0	0.09	05/29/25	05/29/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	05/29/25	05/29/25
1,1-Dichloroethane	ND		ug/L	5.0	0.09	05/29/25	05/29/25
2-Butanone	ND		ug/L	100	1.7	05/29/25	05/29/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	05/29/25	05/29/25
2,2-Dichloropropane	ND		ug/L	5.0	0.1	05/29/25	05/29/25
Chloroform	ND		ug/L	5.0	0.1	05/29/25	05/29/25
Bromochloromethane	ND		ug/L	5.0	0.2	05/29/25	05/29/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	05/29/25	05/29/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	05/29/25	05/29/25
Carbon Tetrachloride	ND		ug/L	5.0	0.1	05/29/25	05/29/25
1,2-Dichloroethane	ND		ug/L	5.0	0.2	05/29/25	05/29/25
Benzene	ND		ug/L	5.0	0.1	05/29/25	05/29/25
Trichloroethene	ND		ug/L	5.0	0.2	05/29/25	05/29/25
1,2-Dichloropropane	ND		ug/L	5.0	0.1	05/29/25	05/29/25
Bromodichloromethane	ND		ug/L	5.0	0.08	05/29/25	05/29/25
Dibromomethane	ND		ug/L	5.0	0.2	05/29/25	05/29/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	05/29/25	05/29/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	05/29/25	05/29/25
Toluene	ND		ug/L	5.0	0.1	05/29/25	05/29/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	05/29/25	05/29/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	05/29/25	05/29/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	05/29/25	05/29/25
Tetrachloroethene	ND		ug/L	5.0	0.09	05/29/25	05/29/25
Dibromochloromethane	ND		ug/L	5.0	0.1	05/29/25	05/29/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	05/29/25	05/29/25
Chlorobenzene	ND		ug/L	5.0	0.09	05/29/25	05/29/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	05/29/25	05/29/25
Ethylbenzene	ND		ug/L	5.0	0.1	05/29/25	05/29/25
m,p-Xylenes	ND		ug/L	10	0.2	05/29/25	05/29/25
o-Xylene	ND		ug/L	5.0	0.1	05/29/25	05/29/25
Styrene	ND		ug/L	5.0	0.1	05/29/25	05/29/25
Bromoform	ND		ug/L	5.0	0.2	05/29/25	05/29/25
Isopropylbenzene	ND		ug/L	5.0	0.1	05/29/25	05/29/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	05/29/25	05/29/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	05/29/25	05/29/25

Batch QC

QC1261267 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.2	05/29/25	05/29/25
Bromobenzene	ND		ug/L	5.0	0.1	05/29/25	05/29/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	05/29/25	05/29/25
2-Chlorotoluene	ND		ug/L	5.0	0.1	05/29/25	05/29/25
4-Chlorotoluene	ND		ug/L	5.0	0.1	05/29/25	05/29/25
tert-Butylbenzene	ND		ug/L	5.0	0.2	05/29/25	05/29/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	05/29/25	05/29/25
sec-Butylbenzene	ND		ug/L	5.0	0.2	05/29/25	05/29/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	05/29/25	05/29/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	05/29/25	05/29/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	05/29/25	05/29/25
n-Butylbenzene	ND		ug/L	5.0	0.4	05/29/25	05/29/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	05/29/25	05/29/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	05/29/25	05/29/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	05/29/25	05/29/25
Hexachlorobutadiene	ND		ug/L	5.0	0.4	05/29/25	05/29/25
Naphthalene	ND		ug/L	5.0	0.3	05/29/25	05/29/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	05/29/25	05/29/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	05/29/25	05/29/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	05/29/25	05/29/25
Xylene (total)	ND		ug/L	5.0		05/29/25	05/29/25
Surrogates	Limits						
Dibromofluoromethane	103%		%REC	70-130		05/29/25	05/29/25
1,2-Dichloroethane-d4	95%		%REC	70-130		05/29/25	05/29/25
Toluene-d8	106%		%REC	70-130		05/29/25	05/29/25
Bromofluorobenzene	102%		%REC	70-130		05/29/25	05/29/25

Type: Lab Control Sample
Matrix: Water

Lab ID: QC1261268
Method: EPA 8260B

Batch: 372496
Prep Method: EPA 5030B

QC1261268 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	48.57	50.00	ug/L	97%		70-135
MTBE	46.99	50.00	ug/L	94%		70-130
Benzene	44.66	50.00	ug/L	89%		70-130
Trichloroethene	46.23	50.00	ug/L	92%		70-130
Toluene	46.37	50.00	ug/L	93%		70-130
Chlorobenzene	47.79	50.00	ug/L	96%		70-130
Surrogates						
Dibromofluoromethane	51.94	50.00	ug/L	104%		70-130
1,2-Dichloroethane-d4	48.08	50.00	ug/L	96%		70-130
Toluene-d8	51.37	50.00	ug/L	103%		70-130
Bromofluorobenzene	48.90	50.00	ug/L	98%		70-130

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1261269	Batch: 372496
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1261269 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	49.84	50.00	ug/L	100%		70-135	3	30
MTBE	50.29	50.00	ug/L	101%		70-130	7	30
Benzene	46.97	50.00	ug/L	94%		70-130	5	30
Trichloroethene	47.80	50.00	ug/L	96%		70-130	3	30
Toluene	47.55	50.00	ug/L	95%		70-130	3	30
Chlorobenzene	49.35	50.00	ug/L	99%		70-130	3	30
Surrogates								
Dibromofluoromethane	52.24	50.00	ug/L	104%		70-130		
1,2-Dichloroethane-d4	50.06	50.00	ug/L	100%		70-130		
Toluene-d8	50.57	50.00	ug/L	101%		70-130		
Bromofluorobenzene	47.92	50.00	ug/L	96%		70-130		

Type: Matrix Spike	Lab ID: QC1261317	Batch: 372496
Matrix (Source ID): Water (533265-004)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1261317 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	21.40	ND	20.00	ug/L	107%		70-130	1
MTBE	19.69	ND	20.00	ug/L	98%		75-130	1
Benzene	19.65	ND	20.00	ug/L	98%		70-130	1
Trichloroethene	21.04	ND	20.00	ug/L	105%		63-130	1
Toluene	20.14	ND	20.00	ug/L	101%		70-130	1
Chlorobenzene	20.67	ND	20.00	ug/L	103%		70-130	1
Surrogates								
Dibromofluoromethane	52.43		50.00	ug/L	105%		70-130	1
1,2-Dichloroethane-d4	49.24		50.00	ug/L	98%		70-130	1
Toluene-d8	51.72		50.00	ug/L	103%		70-130	1
Bromofluorobenzene	48.91		50.00	ug/L	98%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1261318	Batch: 372496
Matrix (Source ID): Water (533265-004)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1261318 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	19.84	ND	20.00	ug/L	99%		70-130	8	30	1
MTBE	19.01	ND	20.00	ug/L	95%		75-130	4	30	1
Benzene	18.58	ND	20.00	ug/L	93%		70-130	6	30	1
Trichloroethene	19.47	ND	20.00	ug/L	97%		63-130	8	30	1
Toluene	19.33	ND	20.00	ug/L	97%		70-130	4	30	1
Chlorobenzene	20.12	ND	20.00	ug/L	101%		70-130	3	30	1
Surrogates										
Dibromofluoromethane	52.20		50.00	ug/L	104%		70-130			1
1,2-Dichloroethane-d4	48.97		50.00	ug/L	98%		70-130			1
Toluene-d8	51.63		50.00	ug/L	103%		70-130			1
Bromofluorobenzene	48.96		50.00	ug/L	98%		70-130			1

Type: Blank	Lab ID: QC1258160	Batch: 371590
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1258160 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.88	05/16/25	05/17/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		05/16/25	05/17/25

Type: Lab Control Sample	Lab ID: QC1258161	Batch: 371590
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1258161 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	10.28	10.00	ug/L	103%		80-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.14	10.00	ug/L	101%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1258162	Batch: 371590
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1258162 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	9.938	10.00	ug/L	99%		80-120	3	20
Surrogates								
1,4-Dioxane-d8 (SUR)	9.839	10.00	ug/L	98%		80-120		

Type: Blank	Lab ID: QC1259444	Batch: 371971
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1259444 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		05/21/25	05/21/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1259445	Batch: 371971
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1259445 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1259659	Batch: 371971
Matrix (Source ID): Water (533541-002)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1259659 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: QC1259660	Batch: 371971
Matrix (Source ID): Water (533541-002)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1259660 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: QC1260871	Batch: 372371
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1260871 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.68	05/27/25	05/29/25

Type: Lab Control Sample	Lab ID: QC1260872	Batch: 372371
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1260872 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	26.94	25.00	mg/L	108%		85-115

Type: Matrix Spike	Lab ID: QC1260873	Batch: 372371
Matrix (Source ID): Water (533265-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1260873 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	28.61	0.8307	25.00	mg/L	111%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1260874	Batch: 372371
Matrix (Source ID): Water (533265-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1260874 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Total Organic Carbon	29.78	0.8307	25.00	mg/L	116%		75-125	4	25	1

Batch QC

Type: Blank	Lab ID: QC1259070	Batch: 371872
Matrix: Drinking Water	Method: SM2320B	Prep Method: METHOD

QC1259070 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		05/20/25	05/20/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		05/20/25	05/20/25

Type: Lab Control Sample	Lab ID: QC1259071	Batch: 371872
Matrix: Drinking Water	Method: SM2320B	Prep Method: METHOD

QC1259071 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	932.2	1000	mg/L	93%		90-110

Type: Sample Duplicate	Lab ID: QC1259072	Batch: 371872
Matrix (Source ID): Water (533420-001)	Method: SM2320B	Prep Method: METHOD

QC1259072 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	407.8	411.6	mg/L		1	20	2.5
Alkalinity, Total as CaCO ₃	407.8	411.6	mg/L		1	20	2.5

Type: Blank	Lab ID: QC1258716	Batch: 371769
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1258716 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	5.0		05/19/25	05/20/25

Type: Lab Control Sample	Lab ID: QC1258717	Batch: 371769
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1258717 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,007	1000	mg/L	101%		90-110

Type: Sample Duplicate	Lab ID: QC1258718	Batch: 371769
Matrix (Source ID): Water (533265-001)	Method: SM2540C	Prep Method: METHOD

QC1258718 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	932.0	948.0	mg/L		2	5	2

ND Not Detected
NM Not Meaningful

Laboratory Job Number 533265

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2505D11

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: PO-079649

Project: EO-533265

Project Location:

Project Received: 05/20/2025

Analytical Report reviewed & approved for release on 05/22/2025 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:** 2505D11**Project:** EO-533265

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: 2505D11

Project: EO-533265

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: 05/20/2025 12:05
Date Prepared: 05/21/2025
Project: EO-533265

WorkOrder: 2505D11
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	2505D11-001A	Water	05/15/2025 08:29	GC26 0521250911.D	317836

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	2900	120	120	2.5	05/21/2025 14:34

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-30	2505D11-002A	Water	05/15/2025 09:24	GC26 0521250913.D	317836

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	3200	200	200	4	05/21/2025 15:19

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-16	2505D11-003A	Water	05/15/2025 10:27	GC26 0521250914.D	317836

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	1500	50	50	1	05/21/2025 15:31

Analyst(s): CLO

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 05/20/2025 12:05
Date Prepared: 05/21/2025
Project: EO-533265

WorkOrder: 2505D11
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	2505D11-004A	Water	05/15/2025 11:26	GC26 0521250916.D	317836

Analytes	Result	MDL	RL	DE	Date Analyzed
Carbon Dioxide	3700	200	200	4	05/21/2025 17:07

Analyst(s): CLO



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 05/21/2025
Date Analyzed: 05/21/2025
Instrument: GC26
Matrix: Water
Project: EO-533265

WorkOrder: 2505D11
BatchID: 317836
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-317836

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	76	70-130	1.81	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: 2505D11

ClientCode: ENO

QuoteID: 243367

☐ 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: PO-079649
Project: EO-533265

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: 05/20/2025

Date Logged: 05/20/2025

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2505D11-001	DW-1	Water	5/15/2025 08:29	☐	A	A										
2505D11-002	DW-30	Water	5/15/2025 09:24	☐	A	A										
2505D11-003	DW-16	Water	5/15/2025 10:27	☐	A	A										
2505D11-004	DW-3	Water	5/15/2025 11:26	☐	A	A										

Test Legend:

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

Project Manager: Yen Cao

Prepared by: Gemma Gomez

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-533265

Work Order: 2505D11

Client Contact: Zach Barker

QC Level: LEVEL 2

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

Comments:

Date Logged: 5/20/2025

☐ 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 w/ HCl	☐	☐	☐	5/15/2025 8:29	2 days	5/22/2025	Present	☐	☐
002A	DW-30	Water	RSK175 (CO2)	3	VOA w/ HCl	☐	☐	☐	5/15/2025 9:24	2 days	5/22/2025	Present	☐	☐
003A	DW-16	Water	RSK175 (CO2)	3	VOA w/ HCl	☐	☐	☐	5/15/2025 10:27	2 days	5/22/2025	Present	☐	☐
004A	DW-3	Water	RSK175 (CO2)	1	VOA w/ HCl	☐	☐	☐	5/15/2025 11:26	2 days	5/22/2025	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.

2505011



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-533265

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-1	15-MAY-2025 08:29	533265-001	3	Water	RSK-175 CO2	
DW-30	15-MAY-2025 09:24	533265-002	3	Water	RSK-175 CO2	
DW-16	15-MAY-2025 10:27	533265-003	3	Water	RSK-175 CO2	
DW-3	15-MAY-2025 11:26	533265-004	3	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	<i>Ama Polate</i>	<i>[Signature]</i>
	Date: 5-19-25 16:26	Date: 5/20/25 12:05
	Date:	Date:
	Date:	Date:



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-533265

Date and Time Received: 5/20/2025 12:05
Date Logged: 5/20/2025
Received by: Gemma Gomez
Logged by: Gemma Gomez

WorkOrder No: 2505D11 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 ☐

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: 0.3°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 : 535016
Report Level : II
Report Date : 06/24/2025

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, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

Sample Summary

Steve Cassulo	Lab Job #:	535016
Waste Connections	Project No:	GW MONITORING
Chiquita Canyon Landfill	Location:	Chiquita Canyon Landfill, Quarterly MPars
29201 Henry Mayo	Date Received:	06/09/25
Drive		
Castaic, CA 91384		

Sample ID	Lab ID	Collected	Matrix
DW-18	535016-001	06/09/25 08:27	Water
DW-21	535016-002	06/09/25 09:08	Water
DW-31	535016-003	06/09/25 10:24	Water
DW-12	535016-004	06/09/25 11:28	Water
DW-7	535016-005	06/09/25 12:42	Water
QCFB	535016-006	06/09/25 10:26	Water
QCTB	535016-007	06/09/25 00:00	Water

Case Narrative

Waste Connections	Lab Job Number: 535016
Chiquita Canyon Landfill	Project No: GW MONITORING
29201 Henry Mayo Drive	Location: Chiquita Canyon Landfill, Quarterly
Castaic, CA 91384	MPars
Steve Cassulo	Date Received: 06/09/25

This data package contains sample and QC results for seven water samples, requested for the above referenced project on 06/10/25. The samples were received cold and intact.

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

- Low recoveries were observed for benzene, toluene, and chlorobenzene in the MSD for batch 374323; the parent sample was not a project sample, the BS/BSD were within limits, and the associated RPDs were within limits.
- 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 recoveries were observed for bromide, fluoride, and nitrogen, nitrate in the MSD of DW-18 (lab # 535016-001); the LCS was within limits, and the associated RPDs were within limits.
- Responses exceeding the instrument's linear range were observed for chloride in the MS/MSD of DW-18 (lab # 535016-001); 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 374050; 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):

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: 535016
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

Preservatives:
1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
4 = H₂SO₄ 5 = NaOH 6 = Other
Sample Receipt Temp:
3-5/16/13
(lab use only)

CUSTOMER 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: 661-257-3655
Global ID: L10003464243
Sampled By: Paul Chang

PROJECT INFORMATION

Name: Steve Cassulo
Number: 661-257-3655
P.O. #:
Address:
Global ID: L10003464243
Sampled By: Paul Chang

Analysis Request

1,4-Dioxane
VOCs (EPA 8260B)
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

Container No. / Size
Matrix
Sampling Time
Sampling Date
Sample ID

1	DW-18	6/9/25	827	W	13	var.
2	DW-21		908		13	
3	DW-31		1024		13	
4	DW-12		1128		14	
5	DW-7		1242		14	
6	QC PB		1026		3	
7	QC TB				2	
8						
9						
10						



Login 535016



Signature

Print Name

Company / Title

Date / Time

1 Relinquished By:		Paul Chang	CEI	6/9/25	1350
1 Received By:		Jim Lin	SA-NH	6/9/25	1350
2 Relinquished By:		Jim Lin	SA-NH	6.10.25	9:30
2 Received By:		GEMMA O.	EANH	6.10.25	9:30
3 Relinquished By:		Gemma O.	EANH	6/10/25	10:35
3 Received By:		Daniel	EA	6/10/25	10:35

REL: Daniel EA 6/10/25 1300 received 13 y; 22 NCM 6/10/25 1300

Date Received: 6-9-25 WO# _____ Client: Chiquita Canyon Landfill

Are custody seals present? ☐ Yes ☒ No

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

Section 3a: Condition / Packaging

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

Date Opened 6.9.25 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: 11.8 / 11.1 #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)	<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>

☐ PM notified

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

Date Labeled	By (print)	(sign)

Date Received: 6/10/25 WO# 535016 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 6/10/25 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: 3.5 / 3.5 #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?

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?

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

[illegible]☐ No additional discrepancies

Date Logged 6/9/25 By (print) AGR (sign) *Ana Holvati*

Date Labeled 6/10/25 By (print) EP-OR (sign) _____

Analysis Results for 535016

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

Lab Job #: 535016
Project No: GW MONITORING
Location: Chiquita Canyon Landfill, Quarterly MPars
Date Received: 06/09/25

Sample ID: DW-18

Lab ID: 535016-001

Collected: 06/09/25 08:27

Matrix: Water

535016-001 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	373517	06/10/25 12:02	06/10/25 14:57	AJL
Chloride	110		mg/L	1.0	0.27	1	373517	06/10/25 12:02	06/10/25 14:57	AJL
Bromide	0.30		mg/L	0.30	0.060	1	373517	06/10/25 12:02	06/10/25 14:57	AJL
Nitrogen, Nitrate	3.0		mg/L	0.10	0.05	1	373517	06/10/25 12:02	06/10/25 14:57	AJL
Sulfate	350		mg/L	10	1.8	10	373517	06/10/25 12:02	06/10/25 15:48	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	373683	06/11/25	06/12/25	DAD
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	10		mg/L	4.0	2.0	1	374561	06/22/25	06/22/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.32		mg/L	0.050	0.0055	1	373552	06/10/25	06/10/25	CAP
Calcium	25		mg/L	1.0	0.57	1	373552	06/10/25	06/10/25	CAP
Iron	ND		mg/L	0.10	0.046	1	373552	06/10/25	06/10/25	CAP
Magnesium	2.0		mg/L	0.10	0.025	1	373552	06/10/25	06/10/25	CAP
Manganese	ND		mg/L	0.010	0.0029	1	373552	06/10/25	06/10/25	CAP
Potassium	1.4		mg/L	0.50	0.40	1	373552	06/10/25	06/10/25	CAP
Sodium	280		mg/L	0.60	0.35	1	373552	06/10/25	06/10/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Acetone	ND		ug/L	100	8.8	1	374108	06/17/25	06/17/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	374108	06/17/25	06/17/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST

Analysis Results for 535016

535016-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Benzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	374108	06/17/25	06/17/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	374108	06/17/25	06/17/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	374108	06/17/25	06/17/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	374108	06/17/25	06/17/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	374108	06/17/25	06/17/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Xylene (total)	ND		ug/L	5.0		1	374108	06/17/25	06/17/25	ZST
Surrogates			Limits							
Dibromofluoromethane	98%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST

2 of 19 Results for any subcontracted analyses are not included in this section.

Analysis Results for 535016

535016-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	109%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST
Toluene-d8	95%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

1,4-Dioxane	ND		ug/L	1.0	0.95	1	373691	06/11/25	06/14/25	TJW

Surrogates

Limits

1,4-Dioxane-d8 (SUR)	101%		%REC	80-120		1	373691	06/11/25	06/14/25	TJW

Method: SM 4500-S2-D

Prep Method: METHOD

Sulfide	ND		mg/L	0.10		1	374050	06/16/25	06/16/25	WWC

Method: SM 5310B

Prep Method: SM 5310B

Total Organic Carbon	4.8		mg/L	1.0	0.68	1	373701	06/11/25	06/11/25	TDD

Method: SM2320B

Prep Method: METHOD

Alkalinity, Bicarbonate, as CaCO3	290		mg/L	5.0	2.5	373703	06/11/25	06/11/25	WWC
Alkalinity, Total as CaCO3	290		mg/L	5.0	2.5	373703	06/11/25	06/11/25	WWC

Method: SM2540C

Prep Method: METHOD

Total Dissolved Solids	980		mg/L	20		2	373594	06/10/25	06/11/25	RDL

Analysis Results for 535016

Sample ID: DW-21
Lab ID: 535016-002
Collected: 06/09/25 09:08
Matrix: Water

535016-002 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	373517	06/10/25 12:02	06/10/25 16:39	AJL
Chloride	55		mg/L	1.0	0.27	1	373517	06/10/25 12:02	06/10/25 16:39	AJL
Bromide	0.14	J	mg/L	0.30	0.060	1	373517	06/10/25 12:02	06/10/25 16:39	AJL
Nitrogen, Nitrate	0.12		mg/L	0.10	0.05	1	373517	06/10/25 12:02	06/10/25 16:39	AJL
Sulfate	120		mg/L	10	1.8	10	373517	06/10/25 12:02	06/10/25 16:56	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	373683	06/11/25	06/12/25	DAD
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	374561	06/22/25	06/22/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.25		mg/L	0.050	0.0055	1	373552	06/10/25	06/10/25	CAP
Calcium	3.4		mg/L	1.0	0.57	1	373552	06/10/25	06/10/25	CAP
Iron	0.24		mg/L	0.10	0.046	1	373552	06/10/25	06/10/25	CAP
Magnesium	0.19		mg/L	0.10	0.025	1	373552	06/10/25	06/10/25	CAP
Manganese	ND		mg/L	0.010	0.0029	1	373552	06/10/25	06/10/25	CAP
Potassium	ND		mg/L	0.50	0.40	1	373552	06/10/25	06/10/25	CAP
Sodium	140		mg/L	0.60	0.35	1	373552	06/10/25	06/10/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Acetone	ND		ug/L	100	8.8	1	374108	06/17/25	06/17/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	374108	06/17/25	06/17/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST

Analysis Results for 535016

535016-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	374108	06/17/25	06/17/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	374108	06/17/25	06/17/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	374108	06/17/25	06/17/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	374108	06/17/25	06/17/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	374108	06/17/25	06/17/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Xylene (total)	ND		ug/L	5.0		1	374108	06/17/25	06/17/25	ZST
Surrogates			Limits							
Dibromofluoromethane	98%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST
1,2-Dichloroethane-d4	108%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST
Toluene-d8	94%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 535016

535016-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	373691	06/11/25	06/14/25	TJW
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	104%		%REC	80-120		1	373691	06/11/25	06/14/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	374050	06/16/25	06/16/25	WWC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	0.92	J	mg/L	1.0	0.68	1	373701	06/11/25	06/12/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	120		mg/L	5.0		2.5	373703	06/11/25	06/11/25	WWC
Alkalinity, Total as CaCO3	170		mg/L	5.0		2.5	373703	06/11/25	06/11/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	450		mg/L	20		2	373594	06/10/25	06/11/25	RDL

Analysis Results for 535016

Sample ID: DW-31
Lab ID: 535016-003
Collected: 06/09/25 10:24
Matrix: Water

535016-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.23		mg/L	0.20	0.073	1	373517	06/10/25 12:02	06/10/25 18:54	AJL
Chloride	79		mg/L	1.0	0.27	1	373517	06/10/25 12:02	06/10/25 18:54	AJL
Bromide	0.56		mg/L	0.30	0.060	1	373517	06/10/25 12:02	06/10/25 18:54	AJL
Nitrogen, Nitrate	0.11		mg/L	0.10	0.05	1	373517	06/10/25 12:02	06/10/25 18:54	AJL
Sulfate	290		mg/L	10	1.8	10	373517	06/10/25 12:02	06/10/25 19:11	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	373795	06/12/25	06/12/25	DAD
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	23		mg/L	4.0	2.0	1	374561	06/22/25	06/22/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.49		mg/L	0.050	0.0055	1	373552	06/10/25	06/10/25	CAP
Calcium	150		mg/L	1.0	0.57	1	373552	06/10/25	06/10/25	CAP
Iron	0.10		mg/L	0.10	0.046	1	373552	06/10/25	06/10/25	CAP
Magnesium	28		mg/L	0.10	0.025	1	373552	06/10/25	06/10/25	CAP
Manganese	0.45		mg/L	0.010	0.0029	1	373552	06/10/25	06/10/25	CAP
Potassium	1.3		mg/L	0.50	0.40	1	373552	06/10/25	06/10/25	CAP
Sodium	120		mg/L	0.60	0.35	1	373552	06/10/25	06/10/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Acetone	ND		ug/L	100	8.8	1	374108	06/17/25	06/17/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	374108	06/17/25	06/17/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST

Analysis Results for 535016

535016-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	374108	06/17/25	06/17/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	374108	06/17/25	06/17/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	374108	06/17/25	06/17/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	374108	06/17/25	06/17/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	374108	06/17/25	06/17/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Xylene (total)	ND		ug/L	5.0		1	374108	06/17/25	06/17/25	ZST
Surrogates			Limits							
Dibromofluoromethane	97%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST
1,2-Dichloroethane-d4	111%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST
Toluene-d8	95%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 535016

535016-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	10		ug/L	1.0	0.95	1	373691	06/11/25	06/14/25	TJW
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	101%		%REC	80-120		1	373691	06/11/25	06/14/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	374050	06/16/25	06/16/25	WWC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	14		mg/L	1.0	0.68	1	373701	06/11/25	06/12/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	490		mg/L	5.0	2.5	373703	06/11/25	06/11/25	06/11/25	WWC
Alkalinity, Total as CaCO3	490		mg/L	5.0	2.5	373703	06/11/25	06/11/25	06/11/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,000		mg/L	20		2	373594	06/10/25	06/11/25	RDL

Analysis Results for 535016

Sample ID: DW-12
Lab ID: 535016-004
Collected: 06/09/25 11:28
Matrix: Water

535016-004 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	373517	06/10/25 12:02	06/10/25 19:27	AJL
Chloride	190		mg/L	1.0	0.27	1	373517	06/10/25 12:02	06/10/25 19:27	AJL
Bromide	0.71		mg/L	0.30	0.060	1	373517	06/10/25 12:02	06/10/25 19:27	AJL
Nitrogen, Nitrate	3.8		mg/L	0.10	0.05	1	373517	06/10/25 12:02	06/10/25 19:27	AJL
Sulfate	300		mg/L	10	1.8	10	373517	06/10/25 12:02	06/10/25 19:44	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	373795	06/12/25	06/12/25	DAD
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	374561	06/22/25	06/22/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.21		mg/L	0.050	0.0055	1	373552	06/10/25	06/10/25	CAP
Calcium	23		mg/L	1.0	0.57	1	373552	06/10/25	06/10/25	CAP
Iron	ND		mg/L	0.10	0.046	1	373552	06/10/25	06/10/25	CAP
Magnesium	2.9		mg/L	0.10	0.025	1	373552	06/10/25	06/10/25	CAP
Manganese	ND		mg/L	0.010	0.0029	1	373552	06/10/25	06/10/25	CAP
Potassium	1.6		mg/L	0.50	0.40	1	373552	06/10/25	06/10/25	CAP
Sodium	270		mg/L	0.60	0.35	1	373552	06/10/25	06/10/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Acetone	ND		ug/L	100	8.8	1	374108	06/17/25	06/17/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	374108	06/17/25	06/17/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST

Analysis Results for 535016

535016-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	374108	06/17/25	06/17/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	374108	06/17/25	06/17/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	374108	06/17/25	06/17/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	374108	06/17/25	06/17/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	374108	06/17/25	06/17/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Xylene (total)	ND		ug/L	5.0		1	374108	06/17/25	06/17/25	ZST
Surrogates			Limits							
Dibromofluoromethane	94%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST
1,2-Dichloroethane-d4	107%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST
Toluene-d8	95%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 535016

535016-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	373691	06/11/25	06/14/25	TJW
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	104%		%REC	80-120		1	373691	06/11/25	06/14/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	374050	06/16/25	06/16/25	WWC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	373701	06/11/25	06/12/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	180		mg/L	5.0		2.5	373703	06/11/25	06/11/25	WWC
Alkalinity, Total as CaCO3	180		mg/L	5.0		2.5	373703	06/11/25	06/11/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	950		mg/L	20		2	373594	06/10/25	06/11/25	RDL

Analysis Results for 535016

Sample ID: DW-7
Lab ID: 535016-005
Collected: 06/09/25 12:42
Matrix: Water

535016-005 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	373517	06/10/25 12:02	06/10/25 20:01	AJL
Chloride	84		mg/L	1.0	0.27	1	373517	06/10/25 12:02	06/10/25 20:01	AJL
Bromide	0.16	J	mg/L	0.30	0.060	1	373517	06/10/25 12:02	06/10/25 20:01	AJL
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	373517	06/10/25 12:02	06/10/25 20:01	AJL
Sulfate	660		mg/L	10	1.8	10	373517	06/10/25 12:02	06/10/25 20:18	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.034	1	374373	06/19/25	06/20/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	374561	06/22/25	06/22/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.17		mg/L	0.050	0.0055	1	373552	06/10/25	06/10/25	CAP
Calcium	32		mg/L	1.0	0.57	1	373552	06/10/25	06/10/25	CAP
Iron	ND		mg/L	0.10	0.046	1	373552	06/10/25	06/10/25	CAP
Magnesium	1.6		mg/L	0.10	0.025	1	373552	06/10/25	06/10/25	CAP
Manganese	ND		mg/L	0.010	0.0029	1	373552	06/10/25	06/10/25	CAP
Potassium	1.1		mg/L	0.50	0.40	1	373552	06/10/25	06/10/25	CAP
Sodium	330		mg/L	0.60	0.35	1	373552	06/10/25	06/10/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Acetone	ND		ug/L	100	8.8	1	374108	06/17/25	06/17/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	374108	06/17/25	06/17/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST

Analysis Results for 535016

535016-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	374108	06/17/25	06/17/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	374108	06/17/25	06/17/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	374108	06/17/25	06/17/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	374108	06/17/25	06/17/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	374108	06/17/25	06/17/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Xylene (total)	ND		ug/L	5.0		1	374108	06/17/25	06/17/25	ZST
Surrogates			Limits							
Dibromofluoromethane	97%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST
1,2-Dichloroethane-d4	107%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST
Toluene-d8	95%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 535016

535016-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	373691	06/11/25	06/14/25	TJW
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	97%		%REC	80-120		1	373691	06/11/25	06/14/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	374050	06/16/25	06/16/25	WWC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	373701	06/11/25	06/12/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	110		mg/L	5.0	2.5	373703	06/11/25	06/11/25	06/11/25	WWC
Alkalinity, Total as CaCO3	110		mg/L	5.0	2.5	373703	06/11/25	06/11/25	06/11/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,200		mg/L	20		2	373594	06/10/25	06/11/25	RDL

Analysis Results for 535016

Sample ID: QCFB
Lab ID: 535016-006
Collected: 06/09/25 10:26
Matrix: Water

535016-006 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	374108	06/17/25	06/17/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Acetone	ND		ug/L	100	8.8	1	374108	06/17/25	06/17/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Methylene Chloride	7.4		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	374108	06/17/25	06/17/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Chloroform	0.7	J	ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Benzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	374108	06/17/25	06/17/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	374108	06/17/25	06/17/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	374108	06/17/25	06/17/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	374108	06/17/25	06/17/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST

Analysis Results for 535016

535016-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	374108	06/17/25	06/17/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Xylene (total)	ND		ug/L	5.0		1	374108	06/17/25	06/17/25	ZST
Surrogates	Limits									
Dibromofluoromethane	97%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST
1,2-Dichloroethane-d4	108%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST
Toluene-d8	95%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST

Analysis Results for 535016

Sample ID: QCTB
Lab ID: 535016-007
Collected: 06/09/25
Matrix: Water

535016-007 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	0.5	1	374323	06/19/25	06/19/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	374323	06/19/25	06/19/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	374323	06/19/25	06/19/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	374323	06/19/25	06/19/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	374323	06/19/25	06/19/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	374323	06/19/25	06/19/25	ZST
Acetone	ND		ug/L	100	21	1	374323	06/19/25	06/19/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	374323	06/19/25	06/19/25	ZST
Methylene Chloride	7.3		ug/L	5.0	2.4	1	374323	06/19/25	06/19/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	374323	06/19/25	06/19/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	374323	06/19/25	06/19/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	374323	06/19/25	06/19/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	374323	06/19/25	06/19/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
Chloroform	0.9	J	ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	374323	06/19/25	06/19/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	374323	06/19/25	06/19/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	374323	06/19/25	06/19/25	ZST
Benzene	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	374323	06/19/25	06/19/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	374323	06/19/25	06/19/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	374323	06/19/25	06/19/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	374323	06/19/25	06/19/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	374323	06/19/25	06/19/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	374323	06/19/25	06/19/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	374323	06/19/25	06/19/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	374323	06/19/25	06/19/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	374323	06/19/25	06/19/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	374323	06/19/25	06/19/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	374323	06/19/25	06/19/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST

Analysis Results for 535016

535016-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	374323	06/19/25	06/19/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	374323	06/19/25	06/19/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	374323	06/19/25	06/19/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	374323	06/19/25	06/19/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	374323	06/19/25	06/19/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	374323	06/19/25	06/19/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	374323	06/19/25	06/19/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	374323	06/19/25	06/19/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	374323	06/19/25	06/19/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	374323	06/19/25	06/19/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374323	06/19/25	06/19/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	374323	06/19/25	06/19/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	374323	06/19/25	06/19/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374323	06/19/25	06/19/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	374323	06/19/25	06/19/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	374323	06/19/25	06/19/25	ZST
Xylene (total)	ND		ug/L	5.0		1	374323	06/19/25	06/19/25	ZST
Surrogates	Limits									
Dibromofluoromethane	98%		%REC	70-130		1	374323	06/19/25	06/19/25	ZST
1,2-Dichloroethane-d4	96%		%REC	70-130		1	374323	06/19/25	06/19/25	ZST
Toluene-d8	102%		%REC	70-130		1	374323	06/19/25	06/19/25	ZST
Bromofluorobenzene	102%		%REC	70-130		1	374323	06/19/25	06/19/25	ZST

J Estimated value
ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1264665	Batch: 373517
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1264665 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	06/10/25 12:02	06/10/25 14:24
Chloride	ND		mg/L	1.0	0.27	06/10/25 12:02	06/10/25 14:24
Bromide	ND		mg/L	0.30	0.060	06/10/25 12:02	06/10/25 14:24
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	06/10/25 12:02	06/10/25 14:24
Sulfate	ND		mg/L	1.0	0.18	06/10/25 12:02	06/10/25 14:24

Type: Lab Control Sample	Lab ID: QC1264666	Batch: 373517
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1264666 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.993	10.00	mg/L	100%		90-110
Chloride	48.17	50.00	mg/L	96%		90-110
Bromide	15.28	15.00	mg/L	102%		90-110
Nitrogen, Nitrate	4.662	4.518	mg/L	103%		90-110
Sulfate	24.89	25.00	mg/L	100%		90-110

Type: Matrix Spike	Lab ID: QC1264738	Batch: 373517
Matrix (Source ID): Water (535016-001)	Method: EPA 300.0	Prep Method: METHOD

QC1264738 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	23.93	0.2434	20.00	mg/L	118%		80-129	1
Chloride	218.4	113.8	100.0	mg/L	105%	E	80-123	1
Bromide	17.36	0.3035	15.00	mg/L	114%		80-121	1
Nitrogen, Nitrate	13.38	3.050	9.036	mg/L	114%		80-123	1
Sulfate	331.0	347.2	50.00	mg/L	-32%	E,NM	79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1264739	Batch: 373517
Matrix (Source ID): Water (535016-001)	Method: EPA 300.0	Prep Method: METHOD

QC1264739 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	27.96	0.2434	20.00	mg/L	139%	*	80-129	16	21	1
Chloride	235.3	113.8	100.0	mg/L	122%	E	80-123		20	1
Bromide	20.33	0.3035	15.00	mg/L	133%	*	80-121	16	20	1
Nitrogen, Nitrate	15.08	3.050	9.036	mg/L	133%	*	80-123	12	20	1
Sulfate	335.5	347.2	50.00	mg/L	-24%	E,NM	79-124		20	1

Batch QC

Type: Matrix Spike	Lab ID: QC1264824	Batch: 373517
Matrix (Source ID): Water (535131-004)	Method: EPA 300.0	Prep Method: METHOD

QC1264824 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	21.39	ND	20.00	mg/L	107%		80-129	1
Chloride	104.8	0.5548	100.0	mg/L	104%		80-123	1
Bromide	15.50	ND	15.00	mg/L	103%		80-121	1
Nitrogen, Nitrate	9.683	0.07032	9.036	mg/L	106%		80-123	1
Sulfate	52.16	0.2422	50.00	mg/L	104%		79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1264825	Batch: 373517
Matrix (Source ID): Water (535131-004)	Method: EPA 300.0	Prep Method: METHOD

QC1264825 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	21.52	ND	20.00	mg/L	108%		80-129	1	21	1
Chloride	105.8	0.5548	100.0	mg/L	105%		80-123	1	20	1
Bromide	15.62	ND	15.00	mg/L	104%		80-121	1	20	1
Nitrogen, Nitrate	9.787	0.07032	9.036	mg/L	108%		80-123	1	20	1
Sulfate	52.48	0.2422	50.00	mg/L	104%		79-124	1	20	1

Type: Blank	Lab ID: QC1265194	Batch: 373683
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1265194 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	06/11/25	06/12/25

Type: Lab Control Sample	Lab ID: QC1265195	Batch: 373683
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1265195 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9798	1.000	mg/L	98%		90-110

Type: Matrix Spike	Lab ID: QC1265198	Batch: 373683
Matrix (Source ID): Water (534673-001)	Method: EPA 350.1	Prep Method: METHOD

QC1265198 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9888	ND	1.000	mg/L	99%		90-110	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1265199	Batch: 373683
Matrix (Source ID): Water (534673-001)	Method: EPA 350.1	Prep Method: METHOD

QC1265199 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9593	ND	1.000	mg/L	96%		90-110	3	20	1

Type: Lab Control Sample	Lab ID: QC1265630	Batch: 373683
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1265630 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9816	1.000	mg/L	98%		90-110

Type: Lab Control Sample	Lab ID: QC1265631	Batch: 373683
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1265631 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9730	1.000	mg/L	97%		90-110

Type: Lab Control Sample	Lab ID: QC1265632	Batch: 373683
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1265632 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9398	1.000	mg/L	94%		90-110

Type: Blank	Lab ID: QC1265550	Batch: 373795
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1265550 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	06/12/25	06/12/25

Type: Lab Control Sample	Lab ID: QC1265551	Batch: 373795
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1265551 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9329	1.000	mg/L	93%		90-110

Type: Matrix Spike	Lab ID: QC1265552	Batch: 373795
Matrix (Source ID): Water (535016-003)	Method: EPA 350.1	Prep Method: METHOD

QC1265552 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9563	ND	1.000	mg/L	96%		90-110	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1265553	Batch: 373795
Matrix (Source ID): Water (535016-003)	Method: EPA 350.1	Prep Method: METHOD

QC1265553 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9803	ND	1.000	mg/L	98%		90-110	2	20	1

Type: Lab Control Sample	Lab ID: QC1267564	Batch: 374373
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1267564 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.026	1.000	mg/L	103%		90-110

Type: Blank	Lab ID: QC1267565	Batch: 374373
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1267565 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.034	06/19/25	06/20/25

Type: Matrix Spike	Lab ID: QC1267566	Batch: 374373
Matrix (Source ID): Water (535016-005)	Method: EPA 350.1	Prep Method: METHOD

QC1267566 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.044	ND	1.000	mg/L	104%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1267567	Batch: 374373
Matrix (Source ID): Water (535016-005)	Method: EPA 350.1	Prep Method: METHOD

QC1267567 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9878	ND	1.000	mg/L	99%		90-110	6	20	1

Type: Matrix Spike	Lab ID: QC1267568	Batch: 374373
Matrix (Source ID): Water (535069-001)	Method: EPA 350.1	Prep Method: METHOD

QC1267568 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.144	0.1718	1.000	mg/L	97%		90-110	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1267569	Batch: 374373
Matrix (Source ID): Water (535069-001)	Method: EPA 350.1	Prep Method: METHOD

QC1267569 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.272	0.1718	1.000	mg/L	110%		90-110	11	20	1

Type: Blank	Lab ID: QC1268268	Batch: 374561
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1268268 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	06/22/25	06/22/25

Type: Lab Control Sample	Lab ID: QC1268269	Batch: 374561
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1268269 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	97.00	100.0	mg/L	97%		90-110

Type: Matrix Spike	Lab ID: QC1268270	Batch: 374561
Matrix (Source ID): Water (535016-001)	Method: EPA 410.4	Prep Method: METHOD

QC1268270 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	100.0	10.00	100.0	mg/L	90%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1268271	Batch: 374561
Matrix (Source ID): Water (535016-001)	Method: EPA 410.4	Prep Method: METHOD

QC1268271 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	100.0	10.00	100.0	mg/L	90%		75-125	0	20	2

Type: Matrix Spike	Lab ID: QC1268272	Batch: 374561
Matrix (Source ID): Water (535279-001)	Method: EPA 410.4	Prep Method: METHOD

QC1268272 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: QC1268273	Batch: 374561
Matrix (Source ID): Water (535279-001)	Method: EPA 410.4	Prep Method: METHOD

QC1268273 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	2	20	2

Type: Blank	Lab ID: QC1264786	Batch: 373552
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1264786 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	06/10/25	06/10/25
Calcium	ND		mg/L	0.57	0.57	06/10/25	06/10/25
Iron	ND		mg/L	0.046	0.046	06/10/25	06/10/25
Magnesium	ND		mg/L	0.10	0.025	06/10/25	06/10/25
Manganese	ND		mg/L	0.010	0.0029	06/10/25	06/10/25
Potassium	ND		mg/L	0.50	0.40	06/10/25	06/10/25
Sodium	ND		mg/L	0.50	0.35	06/10/25	06/10/25

Type: Lab Control Sample	Lab ID: QC1264787	Batch: 373552
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1264787 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3702	0.4000	mg/L	93%		80-120
Calcium	18.74	20.40	mg/L	92%		80-120
Iron	0.3823	0.4000	mg/L	96%		80-120
Magnesium	19.41	20.40	mg/L	95%		80-120
Manganese	0.3782	0.4000	mg/L	95%		80-120
Potassium	22.69	24.00	mg/L	95%		80-120
Sodium	19.16	20.40	mg/L	94%		80-120

Type: Matrix Spike	Lab ID: QC1264788	Batch: 373552
Matrix (Source ID): Water (535016-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1264788 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.6827	0.3188	0.4000	mg/L	91%		75-125	1
Calcium	42.16	24.72	20.40	mg/L	86%		75-125	1
Iron	0.3767	ND	0.4000	mg/L	94%		75-125	1
Magnesium	20.71	1.965	20.40	mg/L	92%		75-125	1
Manganese	0.3672	ND	0.4000	mg/L	92%		75-125	1
Potassium	23.73	1.390	24.00	mg/L	93%		75-125	1
Sodium	299.0	284.7	20.40	mg/L	70%	NM	75-125	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1264789	Batch: 373552
Matrix (Source ID): Water (535016-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1264789 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.6865	0.3188	0.4000	mg/L	92%		75-125	1	20	1
Calcium	42.63	24.72	20.40	mg/L	88%		75-125	1	20	1
Iron	0.3814	ND	0.4000	mg/L	95%		75-125	1	22	1
Magnesium	21.27	1.965	20.40	mg/L	95%		75-125	3	20	1
Manganese	0.3724	ND	0.4000	mg/L	93%		75-125	1	20	1
Potassium	24.23	1.390	24.00	mg/L	95%		75-125	2	20	1
Sodium	297.5	284.7	20.40	mg/L	63%	NM	75-125	1	20	1

Type: Serial Dilution	Lab ID: QC1264813	Batch: 373552
Matrix (Source ID): Water (535016-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1264813 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	0.3106	0.3188	mg/L				5
Calcium	24.43	24.72	mg/L				5
Iron	ND	ND	mg/L				5
Magnesium	1.984	1.965	mg/L				5
Manganese	ND	ND	mg/L				5
Potassium	ND	1.390	mg/L				5
Sodium	283.3	284.7	mg/L				5

Type: Lab Control Sample	Lab ID: QC1266715	Batch: 374108
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1266715 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	47.53	50.00	ug/L	95%		69-128
MTBE	52.80	50.00	ug/L	106%		66-125
Benzene	47.09	50.00	ug/L	94%		76-121
Trichloroethene	43.72	50.00	ug/L	87%		76-124
Toluene	43.64	50.00	ug/L	87%		76-120
Chlorobenzene	42.98	50.00	ug/L	86%		78-120
Surrogates						
Dibromofluoromethane	46.87	50.00	ug/L	94%		70-130
1,2-Dichloroethane-d4	50.97	50.00	ug/L	102%		70-130
Toluene-d8	47.40	50.00	ug/L	95%		70-130
Bromofluorobenzene	49.66	50.00	ug/L	99%		70-130

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1266716	Batch: 374108
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1266716 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	49.06	50.00	ug/L	98%		69-128	3	23
MTBE	55.25	50.00	ug/L	110%		66-125	5	22
Benzene	49.14	50.00	ug/L	98%		76-121	4	21
Trichloroethene	45.39	50.00	ug/L	91%		76-124	4	22
Toluene	45.23	50.00	ug/L	90%		76-120	4	21
Chlorobenzene	44.74	50.00	ug/L	89%		78-120	4	20
Surrogates								
Dibromofluoromethane	47.11	50.00	ug/L	94%		70-130		
1,2-Dichloroethane-d4	51.89	50.00	ug/L	104%		70-130		
Toluene-d8	47.95	50.00	ug/L	96%		70-130		
Bromofluorobenzene	50.77	50.00	ug/L	102%		70-130		

Batch QC

Type: Blank	Lab ID: QC1266717	Batch: 374108
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1266717 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.2	06/17/25	06/17/25
Freon 12	ND		ug/L	5.0	0.2	06/17/25	06/17/25
Chloromethane	ND		ug/L	5.0	0.1	06/17/25	06/17/25
Vinyl Chloride	ND		ug/L	5.0	0.1	06/17/25	06/17/25
Bromomethane	ND		ug/L	5.0	0.3	06/17/25	06/17/25
Chloroethane	ND		ug/L	5.0	0.05	06/17/25	06/17/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	06/17/25	06/17/25
Acetone	ND		ug/L	100	8.8	06/17/25	06/17/25
Freon 113	ND		ug/L	5.0	0.1	06/17/25	06/17/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	06/17/25	06/17/25
Methylene Chloride	ND		ug/L	5.0	0.2	06/17/25	06/17/25
MTBE	ND		ug/L	5.0	0.1	06/17/25	06/17/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	06/17/25	06/17/25
1,1-Dichloroethane	ND		ug/L	5.0	0.07	06/17/25	06/17/25
2-Butanone	ND		ug/L	100	0.9	06/17/25	06/17/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	06/17/25	06/17/25
2,2-Dichloropropane	ND		ug/L	5.0	0.09	06/17/25	06/17/25
Chloroform	ND		ug/L	5.0	0.07	06/17/25	06/17/25
Bromochloromethane	ND		ug/L	5.0	0.1	06/17/25	06/17/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	06/17/25	06/17/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	06/17/25	06/17/25
Carbon Tetrachloride	ND		ug/L	5.0	0.07	06/17/25	06/17/25
1,2-Dichloroethane	ND		ug/L	5.0	0.09	06/17/25	06/17/25
Benzene	ND		ug/L	5.0	0.07	06/17/25	06/17/25
Trichloroethene	ND		ug/L	5.0	0.05	06/17/25	06/17/25
1,2-Dichloropropane	ND		ug/L	5.0	0.07	06/17/25	06/17/25
Bromodichloromethane	ND		ug/L	5.0	0.05	06/17/25	06/17/25
Dibromomethane	ND		ug/L	5.0	0.1	06/17/25	06/17/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	06/17/25	06/17/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	06/17/25	06/17/25
Toluene	ND		ug/L	5.0	0.05	06/17/25	06/17/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	06/17/25	06/17/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	06/17/25	06/17/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	06/17/25	06/17/25
Tetrachloroethene	ND		ug/L	5.0	0.09	06/17/25	06/17/25
Dibromochloromethane	ND		ug/L	5.0	0.07	06/17/25	06/17/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	06/17/25	06/17/25
Chlorobenzene	ND		ug/L	5.0	0.05	06/17/25	06/17/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	06/17/25	06/17/25
Ethylbenzene	ND		ug/L	5.0	0.04	06/17/25	06/17/25
m,p-Xylenes	ND		ug/L	10	0.1	06/17/25	06/17/25
o-Xylene	ND		ug/L	5.0	0.06	06/17/25	06/17/25
Styrene	ND		ug/L	5.0	0.06	06/17/25	06/17/25
Bromoform	ND		ug/L	5.0	0.08	06/17/25	06/17/25
Isopropylbenzene	ND		ug/L	5.0	0.06	06/17/25	06/17/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	06/17/25	06/17/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	06/17/25	06/17/25

Batch QC

QC1266717 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.05	06/17/25	06/17/25
Bromobenzene	ND		ug/L	5.0	0.06	06/17/25	06/17/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	06/17/25	06/17/25
2-Chlorotoluene	ND		ug/L	5.0	0.07	06/17/25	06/17/25
4-Chlorotoluene	ND		ug/L	5.0	0.08	06/17/25	06/17/25
tert-Butylbenzene	ND		ug/L	5.0	0.07	06/17/25	06/17/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	06/17/25	06/17/25
sec-Butylbenzene	ND		ug/L	5.0	0.06	06/17/25	06/17/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	06/17/25	06/17/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	06/17/25	06/17/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	06/17/25	06/17/25
n-Butylbenzene	ND		ug/L	5.0	0.08	06/17/25	06/17/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	06/17/25	06/17/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	06/17/25	06/17/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	06/17/25	06/17/25
Hexachlorobutadiene	ND		ug/L	5.0	0.06	06/17/25	06/17/25
Naphthalene	ND		ug/L	5.0	0.3	06/17/25	06/17/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	06/17/25	06/17/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	06/17/25	06/17/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	06/17/25	06/17/25
Xylene (total)	ND		ug/L	5.0		06/17/25	06/17/25
Surrogates	Limits						
Dibromofluoromethane	97%		%REC	70-130		06/17/25	06/17/25
1,2-Dichloroethane-d4	107%		%REC	70-130		06/17/25	06/17/25
Toluene-d8	95%		%REC	70-130		06/17/25	06/17/25
Bromofluorobenzene	98%		%REC	70-130		06/17/25	06/17/25

Type: Matrix Spike	Lab ID: QC1266784	Batch: 374108
Matrix (Source ID): Water (535016-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1266784 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	17.18	ND	20.00	ug/L	86%		62-131	1
MTBE	20.86	ND	20.00	ug/L	104%		61-124	1
Benzene	17.93	ND	20.00	ug/L	90%		70-123	1
Trichloroethene	17.23	ND	20.00	ug/L	86%		65-131	1
Toluene	16.55	ND	20.00	ug/L	83%		69-120	1
Chlorobenzene	16.90	ND	20.00	ug/L	85%		72-121	1
Surrogates								
Dibromofluoromethane	46.62		50.00	ug/L	93%		70-130	1
1,2-Dichloroethane-d4	51.42		50.00	ug/L	103%		70-130	1
Toluene-d8	47.78		50.00	ug/L	96%		70-130	1
Bromofluorobenzene	50.05		50.00	ug/L	100%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1266785	Batch: 374108
Matrix (Source ID): Water (535016-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1266785 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	15.68	ND	20.00	ug/L	78%		62-131	9	31	1
MTBE	19.87	ND	20.00	ug/L	99%		61-124	5	30	1
Benzene	16.61	ND	20.00	ug/L	83%		70-123	8	31	1
Trichloroethene	15.68	ND	20.00	ug/L	78%		65-131	9	31	1
Toluene	15.27	ND	20.00	ug/L	76%		69-120	8	29	1
Chlorobenzene	15.50	ND	20.00	ug/L	78%		72-121	9	29	1
Surrogates										
Dibromofluoromethane	46.86		50.00	ug/L	94%		70-130			1
1,2-Dichloroethane-d4	52.58		50.00	ug/L	105%		70-130			1
Toluene-d8	47.59		50.00	ug/L	95%		70-130			1
Bromofluorobenzene	49.35		50.00	ug/L	99%		70-130			1

Type: Lab Control Sample	Lab ID: QC1267418	Batch: 374323
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1267418 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	49.40	50.00	ug/L	99%		69-128
MTBE	43.23	50.00	ug/L	86%		66-125
Benzene	51.87	50.00	ug/L	104%		76-121
Trichloroethene	50.36	50.00	ug/L	101%		76-124
Toluene	50.94	50.00	ug/L	102%		76-120
Chlorobenzene	49.99	50.00	ug/L	100%		78-120
Surrogates						
Dibromofluoromethane	48.49	50.00	ug/L	97%		70-130
1,2-Dichloroethane-d4	47.94	50.00	ug/L	96%		70-130
Toluene-d8	49.70	50.00	ug/L	99%		70-130
Bromofluorobenzene	48.76	50.00	ug/L	98%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1267419	Batch: 374323
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1267419 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	47.78	50.00	ug/L	96%		69-128	3	23
MTBE	42.12	50.00	ug/L	84%		66-125	3	22
Benzene	50.72	50.00	ug/L	101%		76-121	2	21
Trichloroethene	49.68	50.00	ug/L	99%		76-124	1	22
Toluene	50.36	50.00	ug/L	101%		76-120	1	21
Chlorobenzene	49.03	50.00	ug/L	98%		78-120	2	20
Surrogates								
Dibromofluoromethane	47.76	50.00	ug/L	96%		70-130		
1,2-Dichloroethane-d4	47.76	50.00	ug/L	96%		70-130		
Toluene-d8	50.16	50.00	ug/L	100%		70-130		
Bromofluorobenzene	47.60	50.00	ug/L	95%		70-130		

Batch QC

Type: Blank
Matrix: Water

Lab ID: QC1267423
Method: EPA 8260B

Batch: 374323
Prep Method: EPA 5030B

QC1267423 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.5	06/19/25	06/19/25
Freon 12	ND		ug/L	5.0	0.2	06/19/25	06/19/25
Chloromethane	ND		ug/L	5.0	0.3	06/19/25	06/19/25
Vinyl Chloride	ND		ug/L	5.0	0.1	06/19/25	06/19/25
Bromomethane	ND		ug/L	5.0	0.4	06/19/25	06/19/25
Chloroethane	ND		ug/L	5.0	0.3	06/19/25	06/19/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	06/19/25	06/19/25
Acetone	ND		ug/L	100	21	06/19/25	06/19/25
Freon 113	ND		ug/L	5.0	0.1	06/19/25	06/19/25
1,1-Dichloroethene	ND		ug/L	5.0	0.08	06/19/25	06/19/25
Methylene Chloride	ND		ug/L	5.0	2.4	06/19/25	06/19/25
MTBE	ND		ug/L	5.0	0.09	06/19/25	06/19/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	06/19/25	06/19/25
1,1-Dichloroethane	ND		ug/L	5.0	0.09	06/19/25	06/19/25
2-Butanone	ND		ug/L	100	1.7	06/19/25	06/19/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	06/19/25	06/19/25
2,2-Dichloropropane	ND		ug/L	5.0	0.1	06/19/25	06/19/25
Chloroform	ND		ug/L	5.0	0.1	06/19/25	06/19/25
Bromochloromethane	ND		ug/L	5.0	0.2	06/19/25	06/19/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	06/19/25	06/19/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	06/19/25	06/19/25
Carbon Tetrachloride	ND		ug/L	5.0	0.1	06/19/25	06/19/25
1,2-Dichloroethane	ND		ug/L	5.0	0.2	06/19/25	06/19/25
Benzene	ND		ug/L	5.0	0.1	06/19/25	06/19/25
Trichloroethene	ND		ug/L	5.0	0.2	06/19/25	06/19/25
1,2-Dichloropropane	ND		ug/L	5.0	0.1	06/19/25	06/19/25
Bromodichloromethane	ND		ug/L	5.0	0.08	06/19/25	06/19/25
Dibromomethane	ND		ug/L	5.0	0.2	06/19/25	06/19/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	06/19/25	06/19/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	06/19/25	06/19/25
Toluene	ND		ug/L	5.0	0.1	06/19/25	06/19/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	06/19/25	06/19/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	06/19/25	06/19/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	06/19/25	06/19/25
Tetrachloroethene	ND		ug/L	5.0	0.09	06/19/25	06/19/25
Dibromochloromethane	ND		ug/L	5.0	0.1	06/19/25	06/19/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	06/19/25	06/19/25
Chlorobenzene	ND		ug/L	5.0	0.09	06/19/25	06/19/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	06/19/25	06/19/25
Ethylbenzene	ND		ug/L	5.0	0.1	06/19/25	06/19/25
m,p-Xylenes	ND		ug/L	10	0.2	06/19/25	06/19/25
o-Xylene	ND		ug/L	5.0	0.1	06/19/25	06/19/25
Styrene	ND		ug/L	5.0	0.1	06/19/25	06/19/25
Bromoform	ND		ug/L	5.0	0.2	06/19/25	06/19/25
Isopropylbenzene	ND		ug/L	5.0	0.1	06/19/25	06/19/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	06/19/25	06/19/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	06/19/25	06/19/25

Batch QC

QC1267423 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.2	06/19/25	06/19/25
Bromobenzene	ND		ug/L	5.0	0.1	06/19/25	06/19/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	06/19/25	06/19/25
2-Chlorotoluene	ND		ug/L	5.0	0.1	06/19/25	06/19/25
4-Chlorotoluene	ND		ug/L	5.0	0.1	06/19/25	06/19/25
tert-Butylbenzene	ND		ug/L	5.0	0.2	06/19/25	06/19/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	06/19/25	06/19/25
sec-Butylbenzene	ND		ug/L	5.0	0.2	06/19/25	06/19/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	06/19/25	06/19/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	06/19/25	06/19/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	06/19/25	06/19/25
n-Butylbenzene	ND		ug/L	5.0	0.4	06/19/25	06/19/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	06/19/25	06/19/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	06/19/25	06/19/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	06/19/25	06/19/25
Hexachlorobutadiene	ND		ug/L	5.0	0.4	06/19/25	06/19/25
Naphthalene	ND		ug/L	5.0	0.3	06/19/25	06/19/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	06/19/25	06/19/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	06/19/25	06/19/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	06/19/25	06/19/25
Xylene (total)	ND		ug/L	5.0		06/19/25	06/19/25
Surrogates				Limits			
Dibromofluoromethane	98%		%REC	70-130		06/19/25	06/19/25
1,2-Dichloroethane-d4	97%		%REC	70-130		06/19/25	06/19/25
Toluene-d8	102%		%REC	70-130		06/19/25	06/19/25
Bromofluorobenzene	101%		%REC	70-130		06/19/25	06/19/25

Type: Matrix Spike	Lab ID: QC1267489	Batch: 374323
Matrix (Source ID): Water (535738-002)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1267489 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	16.11	ND	20.00	ug/L	81%		62-131	1
MTBE	15.61	ND	20.00	ug/L	78%		61-124	1
Benzene	17.34	ND	20.00	ug/L	87%		70-123	1
Trichloroethene	17.38	ND	20.00	ug/L	87%		65-131	1
Toluene	17.19	ND	20.00	ug/L	86%		69-120	1
Chlorobenzene	17.09	ND	20.00	ug/L	85%		72-121	1
Surrogates								
Dibromofluoromethane	48.53		50.00	ug/L	97%		70-130	1
1,2-Dichloroethane-d4	48.54		50.00	ug/L	97%		70-130	1
Toluene-d8	50.29		50.00	ug/L	101%		70-130	1
Bromofluorobenzene	48.89		50.00	ug/L	98%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1267490	Batch: 374323
Matrix (Source ID): Water (535738-002)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1267490 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	12.55	ND	20.00	ug/L	63%		62-131	25	31	1
MTBE	12.74	ND	20.00	ug/L	64%		61-124	20	30	1
Benzene	13.52	ND	20.00	ug/L	68%	*	70-123	25	31	1
Trichloroethene	13.77	ND	20.00	ug/L	69%		65-131	23	31	1
Toluene	13.70	ND	20.00	ug/L	68%	*	69-120	23	29	1
Chlorobenzene	13.79	ND	20.00	ug/L	69%	*	72-121	21	29	1
Surrogates										
Dibromofluoromethane	48.54		50.00	ug/L	97%		70-130			1
1,2-Dichloroethane-d4	49.37		50.00	ug/L	99%		70-130			1
Toluene-d8	50.30		50.00	ug/L	101%		70-130			1
Bromofluorobenzene	48.95		50.00	ug/L	98%		70-130			1

Type: Blank	Lab ID: QC1265202	Batch: 373691
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1265202 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.95	06/11/25	06/14/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	102%		%REC	80-120		06/11/25	06/14/25

Type: Lab Control Sample	Lab ID: QC1265203	Batch: 373691
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1265203 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	10.43	10.00	ug/L	104%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.83	10.00	ug/L	108%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1265204	Batch: 373691
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1265204 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	10.27	10.00	ug/L	103%		79-120	2	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.03	10.00	ug/L	100%		80-120		

Type: Blank	Lab ID: QC1266505	Batch: 374050
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1266505 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		06/16/25	06/16/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1266506	Batch: 374050
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1266506 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1266507	Batch: 374050
Matrix (Source ID): Water (535154-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1266507 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.7000	ND	1.000	mg/L	70%	*	80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1266508	Batch: 374050
Matrix (Source ID): Water (535154-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1266508 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Sulfide	0.7000	ND	1.000	mg/L	70%	*	80-120	0	20	1

Type: Blank	Lab ID: QC1265232	Batch: 373701
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1265232 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.68	06/11/25	06/12/25

Type: Lab Control Sample	Lab ID: QC1265233	Batch: 373701
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1265233 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	23.82	25.00	mg/L	95%		85-115

Type: Matrix Spike	Lab ID: QC1265234	Batch: 373701
Matrix (Source ID): Water (534901-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1265234 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	28.85	1.589	25.00	mg/L	109%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1265235	Batch: 373701
Matrix (Source ID): Water (534901-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1265235 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Total Organic Carbon	29.07	1.589	25.00	mg/L	110%		75-125	1	25	1

Batch QC

Type: Blank	Lab ID: QC1265236	Batch: 373703
Matrix: Drinking Water	Method: SM2320B	Prep Method: METHOD

QC1265236 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		06/11/25	06/11/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		06/11/25	06/11/25

Type: Lab Control Sample	Lab ID: QC1265239	Batch: 373703
Matrix: Drinking Water	Method: SM2320B	Prep Method: METHOD

QC1265239 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	1,053	1000	mg/L	105%		90-110

Type: Sample Duplicate	Lab ID: QC1265977	Batch: 373703
Matrix (Source ID): Water (535016-005)	Method: SM2320B	Prep Method: METHOD

QC1265977 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	118.5	110.6	mg/L		7	20	2.5
Alkalinity, Total as CaCO ₃	118.5	110.6	mg/L		7	20	2.5

Type: Blank	Lab ID: QC1264920	Batch: 373594
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1264920 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	5.0		06/10/25	06/11/25

Type: Lab Control Sample	Lab ID: QC1264921	Batch: 373594
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1264921 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,002	1000	mg/L	100%		90-110

Type: Sample Duplicate	Lab ID: QC1264922	Batch: 373594
Matrix (Source ID): Water (535012-001)	Method: SM2540C	Prep Method: METHOD

QC1264922 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	1,044	1018	mg/L		3	5	2

Type: Sample Duplicate	Lab ID: QC1264923	Batch: 373594
Matrix (Source ID): Water (535106-001)	Method: SM2540C	Prep Method: METHOD

QC1264923 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	3,292	3234	mg/L		2	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 535016

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2506925

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-535016

Project Location:

Project Received: 06/13/2025

Analytical Report reviewed & approved for release on 06/16/2025 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: 2506925

Project: EO-535016

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: 2506925

Project: EO-535016

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: 06/13/2025 10:08
Date Prepared: 06/16/2025
Project: EO-535016

WorkOrder: 2506925
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	2506925-001A	Water	06/09/2025 08:27	GC26 0616251105.D	319445

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	3500	200	200	4	06/16/2025 11:59

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-21	2506925-002A	Water	06/09/2025 09:08	GC26 0616251106.D	319445

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	360	50	50	1	06/16/2025 13:02

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-31	2506925-003A	Water	06/09/2025 10:24	GC26 0616251108.D	319445

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	40,000	2500	2500	50	06/16/2025 13:53

Analyst(s): CLO

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 06/13/2025 10:08
Date Prepared: 06/16/2025
Project: EO-535016

WorkOrder: 2506925
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	2506925-004A	Water	06/09/2025 11:28	GC26 0616251109.D	319445

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	1600	50	50	1	06/16/2025 14:25

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-7	2506925-005A	Water	06/09/2025 12:42	GC26 0616251110.D	319445

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	950	50	50	1	06/16/2025 14:43

Analyst(s): CLO



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 06/16/2025
Date Analyzed: 06/16/2025
Instrument: GC26
Matrix: Water
Project: EO-535016

WorkOrder: 2506925
BatchID: 319445
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-319445

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	75	73	70-130	2.06	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: 2506925

ClientCode: ENO

QuoteID: 243367

☐ 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: 079649
Project: EO-535016

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: 06/13/2025

Date Logged: 06/13/2025

Lab ID	ClientSampleID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2506925-001	DW-18	Water	6/9/2025 08:27	☐	A	A										
2506925-002	DW-21	Water	6/9/2025 09:08	☐	A	A										
2506925-003	DW-31	Water	6/9/2025 10:24	☐	A	A										
2506925-004	DW-12	Water	6/9/2025 11:28	☐	A	A										
2506925-005	DW-7	Water	6/9/2025 12:42	☐	A	A										

Test Legend:

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

Project Manager: Yen Cao

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-535016

Work Order: 2506925

Client Contact: Zach Barker

QC Level: LEVEL 2

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

Comments

Date Logged: 6/13/2025

☐ 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-18	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	6/9/2025 8:27	1 day	6/16/2025	None	☐	☐
002A	DW-21	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	6/9/2025 9:08	1 day	6/16/2025	None	☐	☐
003A	DW-31	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	6/9/2025 10:24	1 day	6/16/2025	Present	☐	☐
004A	DW-12	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	6/9/2025 11:28	1 day	6/16/2025	None	☐	☐
005A	DW-7	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	6/9/2025 12:42	1 day	6/16/2025	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:
 McCampbell Analytical, Inc.
 1534 Willow Pass Rd.
 Pittsburg, CA 94565
 ATTN: Quote ID: 243367
 PO #: PO-079649

Enthalpy Order: EO-535016
 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-18	09-JUN-2025 08:27	535016-001	3	Water	RSK-175 CO2	
DW-21	09-JUN-2025 09:08	535016-002	3	Water	RSK-175 CO2	
DW-31	09-JUN-2025 10:24	535016-003	3	Water	RSK-175 CO2	
DW-12	09-JUN-2025 11:28	535016-004	3	Water	RSK-175 CO2	
DW-7	09-JUN-2025 12:42	535016-005	3	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	<i>J. Contino EA-ORA</i>	<i>GLS</i>
	Date: <i>6/10/25 1620</i>	Date: <i>6/13/28 1008</i>
	<i>GLS</i>	
	Date:	Date:

1.1° wet
 1243



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-535016

Date and Time Received: 6/13/2025 10:08

Date Logged: 6/13/2025

Received by:

WorkOrder No: 2506925 Matrix:
Carrier: Golden State Overnight

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 ☐

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: 1.1°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: Sample 2506925-001A with method RSK175 (CO2) was received unpreserved. Sample 2506925-002A with method RSK175 (CO2) was received unpreserved. Sample 2506925-003A with method RSK175 (CO2) was received unpreserved. Sample 2506925-004A with method RSK175 (CO2) was received unpreserved. Sample 2506925-005A with method RSK175 (CO2) was received unpreserved.



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

enthalpy.com

Lab Job Number : 535148
Report Level : II
Report Date : 06/25/2025

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, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197



Sample Summary

Steve Cassulo	Lab Job #:	535148
Waste Connections	Project No:	GW MONITORING
Chiquita Canyon Landfill	Location:	Chiquita Canyon Landfill / Quarterly MPars
29201 Henry Mayo	Date Received:	06/10/25
Drive		
Castaic, CA 91384		

Sample ID	Lab ID	Collected	Matrix
DW-28	535148-001	06/10/25 08:59	Water
DW-8	535148-002	06/10/25 10:21	Water
DW-9	535148-003	06/10/25 11:31	Water
DW-29	535148-004	06/10/25 12:35	Water
QCFB	535148-005	06/10/25 11:34	Water
QCTB	535148-006	06/10/25 00:00	Water

Case Narrative

Waste Connections	Lab Job Number: 535148
Chiquita Canyon Landfill	Project No: GW MONITORING
29201 Henry Mayo Drive	Location: Chiquita Canyon Landfill / Quarterly
Castaic, CA 91384	MPars
Steve Cassulo	Date Received: 06/10/25

This data package contains sample and QC results for six water samples, requested for the above referenced project on 06/11/25. 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):

- Low recoveries were observed for sulfide in the MS/MSD for batch 374050; 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):

No 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.

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 6.10.25 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 6.10.25 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>

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: 6/11/25 WO# 535148 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 6/11/25 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: 5.0/5.0 #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.)

4.10A: Received Nitrate @ half holding time remaining

☐ No additional discrepancies

Date Logged 6/10/25

By (print) ABD

(sign)

Date Labeled 6/11/25

By (print) MSK & JXR

(sign)

Signed for MSK & JXR

Analysis Results for 535148

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

Lab Job #: 535148
Project No: GW MONITORING
Location: Chiquita Canyon Landfill / Quarterly MPars
Date Received: 06/10/25

Sample ID: DW-28

Lab ID: 535148-001

Collected: 06/10/25 08:59

Matrix: Water

535148-001 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	373677	06/11/25 14:45	06/11/25 18:37	AJL
Chloride	36		mg/L	1.0	0.27	1	373677	06/11/25 14:45	06/11/25 18:37	AJL
Bromide	0.18	J	mg/L	0.30	0.060	1	373677	06/11/25 14:45	06/11/25 18:37	AJL
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	373677	06/11/25 14:45	06/11/25 18:37	AJL
Sulfate	470		mg/L	10	1.8	10	373677	06/11/25 14:45	06/11/25 18:54	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	0.34		mg/L	0.10	0.034	1	374373	06/19/25	06/20/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	374561	06/22/25	06/22/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	1.3		mg/L	0.050	0.0062	1	373713	06/11/25	06/11/25	CAP
Calcium	4.7		mg/L	1.0	0.57	1	373713	06/11/25	06/11/25	CAP
Iron	ND		mg/L	0.10	0.041	1	373713	06/11/25	06/11/25	CAP
Magnesium	0.82		mg/L	0.10	0.025	1	373713	06/11/25	06/11/25	CAP
Manganese	0.0036	J	mg/L	0.010	0.0029	1	373713	06/11/25	06/11/25	CAP
Potassium	0.93		mg/L	0.50	0.42	1	373713	06/11/25	06/11/25	CAP
Sodium	350		mg/L	0.50	0.34	1	373713	06/11/25	06/11/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	374089	06/17/25	06/17/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	374089	06/17/25	06/17/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	374089	06/17/25	06/17/25	ZST
Acetone	ND		ug/L	100	21	1	374089	06/17/25	06/17/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	374089	06/17/25	06/17/25	ZST
Methylene Chloride	ND		ug/L	5.0	2.4	1	374089	06/17/25	06/17/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	374089	06/17/25	06/17/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	374089	06/17/25	06/17/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	374089	06/17/25	06/17/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST

Analysis Results for 535148

535148-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	374089	06/17/25	06/17/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
Benzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	374089	06/17/25	06/17/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	374089	06/17/25	06/17/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	374089	06/17/25	06/17/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	374089	06/17/25	06/17/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	374089	06/17/25	06/17/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	374089	06/17/25	06/17/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	374089	06/17/25	06/17/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	374089	06/17/25	06/17/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	374089	06/17/25	06/17/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	374089	06/17/25	06/17/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
Xylene (total)	ND		ug/L	5.0		1	374089	06/17/25	06/17/25	ZST
Surrogates				Limits						
Dibromofluoromethane	104%		%REC	70-130		1	374089	06/17/25	06/17/25	ZST

2 of 16 Results for any subcontracted analyses are not included in this section.

Analysis Results for 535148

535148-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	98%		%REC	70-130		1	374089	06/17/25	06/17/25	ZST
Toluene-d8	102%		%REC	70-130		1	374089	06/17/25	06/17/25	ZST
Bromofluorobenzene	101%		%REC	70-130		1	374089	06/17/25	06/17/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

1,4-Dioxane	ND		ug/L	1.0	0.95	1	373691	06/11/25	06/14/25	TJW

Surrogates

Limits

1,4-Dioxane-d8 (SUR)	101%		%REC	80-120		1	373691	06/11/25	06/14/25	TJW

Method: SM 4500-S2-D

Prep Method: METHOD

Sulfide	ND		mg/L	0.10		1	374050	06/16/25	06/16/25	WWC

Method: SM 5310B

Prep Method: SM 5310B

Total Organic Carbon	0.77	J	mg/L	1.0	0.68	1	373701	06/11/25	06/12/25	TDD

Method: SM2320B

Prep Method: METHOD

Alkalinity, Bicarbonate, as CaCO3	300		mg/L	5.0		2.5	373912	06/13/25	06/13/25	WWC
Alkalinity, Total as CaCO3	370		mg/L	5.0		2.5	373912	06/13/25	06/13/25	WWC

Method: SM2540C

Prep Method: METHOD

Total Dissolved Solids	1,100		mg/L	20		2	373802	06/12/25	06/15/25	RDL

Analysis Results for 535148

Sample ID: DW-8
Lab ID: 535148-002
Collected: 06/10/25 10:21
Matrix: Water

535148-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.21		mg/L	0.20	0.073	1	373677	06/11/25 14:45	06/11/25 19:11	AJL
Chloride	68		mg/L	1.0	0.27	1	373677	06/11/25 14:45	06/11/25 19:11	AJL
Bromide	0.18	J	mg/L	0.30	0.060	1	373677	06/11/25 14:45	06/11/25 19:11	AJL
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	373677	06/11/25 14:45	06/11/25 19:11	AJL
Sulfate	2,900		mg/L	50	9.1	50	373677	06/11/25 14:45	06/11/25 19:45	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	1.1		mg/L	0.10	0.034	1	374373	06/19/25	06/20/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	374561	06/22/25	06/22/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	1.0		mg/L	0.050	0.0062	1	373713	06/11/25	06/11/25	CAP
Calcium	350		mg/L	1.0	0.57	1	373713	06/11/25	06/11/25	CAP
Iron	5.2		mg/L	0.10	0.041	1	373713	06/11/25	06/11/25	CAP
Magnesium	210		mg/L	0.10	0.025	1	373713	06/11/25	06/11/25	CAP
Manganese	0.065		mg/L	0.010	0.0029	1	373713	06/11/25	06/11/25	CAP
Potassium	6.2		mg/L	0.50	0.42	1	373713	06/11/25	06/11/25	CAP
Sodium	590		mg/L	0.50	0.34	1	373713	06/11/25	06/11/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	374089	06/17/25	06/17/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	374089	06/17/25	06/17/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	374089	06/17/25	06/17/25	ZST
Acetone	ND		ug/L	100	21	1	374089	06/17/25	06/17/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	374089	06/17/25	06/17/25	ZST
Methylene Chloride	ND		ug/L	5.0	2.4	1	374089	06/17/25	06/17/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	374089	06/17/25	06/17/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	374089	06/17/25	06/17/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	374089	06/17/25	06/17/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	374089	06/17/25	06/17/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST

Analysis Results for 535148

535148-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	374089	06/17/25	06/17/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	374089	06/17/25	06/17/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	374089	06/17/25	06/17/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	374089	06/17/25	06/17/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	374089	06/17/25	06/17/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	374089	06/17/25	06/17/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	374089	06/17/25	06/17/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	374089	06/17/25	06/17/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	374089	06/17/25	06/17/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	374089	06/17/25	06/17/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
Xylene (total)	ND		ug/L	5.0		1	374089	06/17/25	06/17/25	ZST
Surrogates				Limits						
Dibromofluoromethane	104%	%REC	70-130		1	374089	06/17/25	06/17/25		ZST
1,2-Dichloroethane-d4	100%	%REC	70-130		1	374089	06/17/25	06/17/25		ZST
Toluene-d8	102%	%REC	70-130		1	374089	06/17/25	06/17/25		ZST
Bromofluorobenzene	101%	%REC	70-130		1	374089	06/17/25	06/17/25		ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 535148

535148-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	373691	06/11/25	06/14/25	TJW
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	101%		%REC	80-120		1	373691	06/11/25	06/14/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	374050	06/16/25	06/16/25	WWC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	2.8		mg/L	1.0	0.68	1	373701	06/11/25	06/12/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	530		mg/L	10		5	373912	06/13/25	06/13/25	WWC
Alkalinity, Total as CaCO3	530		mg/L	10		5	373912	06/13/25	06/13/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	4,700		mg/L	40		4	373802	06/12/25	06/15/25	RDL

Analysis Results for 535148

Sample ID: DW-9
Lab ID: 535148-003
Collected: 06/10/25 11:31
Matrix: Water

535148-003 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	373677	06/11/25 14:45	06/11/25 20:01	AJL
Chloride	82		mg/L	1.0	0.27	1	373677	06/11/25 14:45	06/11/25 20:01	AJL
Bromide	0.25	J	mg/L	0.30	0.060	1	373677	06/11/25 14:45	06/11/25 20:01	AJL
Nitrogen, Nitrate	2.2		mg/L	0.10	0.05	1	373677	06/11/25 14:45	06/11/25 20:01	AJL
Sulfate	690		mg/L	10	1.8	10	373677	06/11/25 14:45	06/11/25 20:18	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.034	1	374373	06/19/25	06/20/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	374561	06/22/25	06/22/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.58		mg/L	0.050	0.0062	1	373713	06/11/25	06/11/25	CAP
Calcium	21		mg/L	1.0	0.57	1	373713	06/11/25	06/11/25	CAP
Iron	ND		mg/L	0.10	0.041	1	373713	06/11/25	06/11/25	CAP
Magnesium	2.2		mg/L	0.10	0.025	1	373713	06/11/25	06/11/25	CAP
Manganese	ND		mg/L	0.010	0.0029	1	373713	06/11/25	06/11/25	CAP
Potassium	1.2		mg/L	0.50	0.42	1	373713	06/11/25	06/11/25	CAP
Sodium	370		mg/L	0.50	0.34	1	373713	06/11/25	06/11/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	374089	06/17/25	06/17/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	374089	06/17/25	06/17/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	374089	06/17/25	06/17/25	ZST
Acetone	ND		ug/L	100	21	1	374089	06/17/25	06/17/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	374089	06/17/25	06/17/25	ZST
Methylene Chloride	ND		ug/L	5.0	2.4	1	374089	06/17/25	06/17/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	374089	06/17/25	06/17/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	374089	06/17/25	06/17/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	374089	06/17/25	06/17/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	374089	06/17/25	06/17/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST

Analysis Results for 535148

535148-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	374089	06/17/25	06/17/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	374089	06/17/25	06/17/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	374089	06/17/25	06/17/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	374089	06/17/25	06/17/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	374089	06/17/25	06/17/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	374089	06/17/25	06/17/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	374089	06/17/25	06/17/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	374089	06/17/25	06/17/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	374089	06/17/25	06/17/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	374089	06/17/25	06/17/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
Xylene (total)	ND		ug/L	5.0		1	374089	06/17/25	06/17/25	ZST
Surrogates				Limits						
Dibromofluoromethane	103%	%REC	70-130		1	374089	06/17/25	06/17/25		ZST
1,2-Dichloroethane-d4	99%	%REC	70-130		1	374089	06/17/25	06/17/25		ZST
Toluene-d8	102%	%REC	70-130		1	374089	06/17/25	06/17/25		ZST
Bromofluorobenzene	102%	%REC	70-130		1	374089	06/17/25	06/17/25		ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 535148

535148-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	373691	06/11/25	06/14/25	TJW
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	105%		%REC	80-120		1	373691	06/11/25	06/14/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	374050	06/16/25	06/16/25	WWC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	373701	06/11/25	06/12/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	190		mg/L	5.0		2.5	373912	06/13/25	06/13/25	WWC
Alkalinity, Total as CaCO3	190		mg/L	5.0		2.5	373912	06/13/25	06/13/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,300		mg/L	20		2	373802	06/12/25	06/15/25	RDL

Analysis Results for 535148

Sample ID: DW-29
Lab ID: 535148-004
Collected: 06/10/25 12:35
Matrix: Water

535148-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.36		mg/L	0.20	0.073	1	373677	06/11/25 14:45	06/11/25 16:56	AJL
Chloride	94		mg/L	1.0	0.27	1	373677	06/11/25 14:45	06/11/25 16:56	AJL
Bromide	0.29	J	mg/L	0.30	0.060	1	373677	06/11/25 14:45	06/11/25 16:56	AJL
Nitrogen, Nitrate	2.4		mg/L	0.10	0.05	1	373677	06/11/25 14:45	06/11/25 16:56	AJL
Sulfate	390		mg/L	10	1.8	10	373677	06/11/25 14:45	06/11/25 17:46	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	0.47		mg/L	0.10	0.034	1	374373	06/19/25	06/20/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	7.0		mg/L	4.0	2.0	1	374561	06/22/25	06/22/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.35		mg/L	0.050	0.0062	1	373713	06/11/25	06/11/25	CAP
Calcium	67		mg/L	1.0	0.57	1	373713	06/11/25	06/11/25	CAP
Iron	0.076	J	mg/L	0.10	0.041	1	373713	06/11/25	06/11/25	CAP
Magnesium	9.0		mg/L	0.10	0.025	1	373713	06/11/25	06/11/25	CAP
Manganese	0.070		mg/L	0.010	0.0029	1	373713	06/11/25	06/11/25	CAP
Potassium	1.3		mg/L	0.50	0.42	1	373713	06/11/25	06/11/25	CAP
Sodium	230		mg/L	0.50	0.34	1	373713	06/11/25	06/11/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	374089	06/17/25	06/17/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	374089	06/17/25	06/17/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	374089	06/17/25	06/17/25	ZST
Acetone	ND		ug/L	100	21	1	374089	06/17/25	06/17/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	374089	06/17/25	06/17/25	ZST
Methylene Chloride	ND		ug/L	5.0	2.4	1	374089	06/17/25	06/17/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	374089	06/17/25	06/17/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	374089	06/17/25	06/17/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	374089	06/17/25	06/17/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	374089	06/17/25	06/17/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST

Analysis Results for 535148

535148-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	374089	06/17/25	06/17/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	374089	06/17/25	06/17/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	374089	06/17/25	06/17/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	374089	06/17/25	06/17/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	374089	06/17/25	06/17/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	374089	06/17/25	06/17/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	374089	06/17/25	06/17/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	374089	06/17/25	06/17/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	374089	06/17/25	06/17/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	374089	06/17/25	06/17/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
Xylene (total)	ND		ug/L	5.0		1	374089	06/17/25	06/17/25	ZST
Surrogates			Limits							
Dibromofluoromethane	104%		%REC	70-130		1	374089	06/17/25	06/17/25	ZST
1,2-Dichloroethane-d4	100%		%REC	70-130		1	374089	06/17/25	06/17/25	ZST
Toluene-d8	102%		%REC	70-130		1	374089	06/17/25	06/17/25	ZST
Bromofluorobenzene	101%		%REC	70-130		1	374089	06/17/25	06/17/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 535148

535148-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	373691	06/11/25	06/14/25	TJW
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	103%		%REC	80-120		1	373691	06/11/25	06/14/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	374050	06/16/25	06/16/25	WWC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	7.5		mg/L	1.0	0.68	1	373701	06/11/25	06/12/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	340		mg/L	5.0		2.5	373912	06/13/25	06/13/25	WWC
Alkalinity, Total as CaCO3	340		mg/L	5.0		2.5	373912	06/13/25	06/13/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,000		mg/L	20		2	373802	06/12/25	06/15/25	RDL

Analysis Results for 535148

Sample ID: QCFB
Lab ID: 535148-005
Collected: 06/10/25 11:34
Matrix: Water

535148-005 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	0.5	1	374089	06/17/25	06/17/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	374089	06/17/25	06/17/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	374089	06/17/25	06/17/25	ZST
Acetone	ND		ug/L	100	21	1	374089	06/17/25	06/17/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	374089	06/17/25	06/17/25	ZST
Methylene Chloride	7.7		ug/L	5.0	2.4	1	374089	06/17/25	06/17/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	374089	06/17/25	06/17/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	374089	06/17/25	06/17/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	374089	06/17/25	06/17/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Chloroform	0.8	J	ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	374089	06/17/25	06/17/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
Benzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	374089	06/17/25	06/17/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	374089	06/17/25	06/17/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	374089	06/17/25	06/17/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	374089	06/17/25	06/17/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	374089	06/17/25	06/17/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	374089	06/17/25	06/17/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	374089	06/17/25	06/17/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST

Analysis Results for 535148

535148-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	374089	06/17/25	06/17/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	374089	06/17/25	06/17/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	374089	06/17/25	06/17/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
Xylene (total)	ND		ug/L	5.0		1	374089	06/17/25	06/17/25	ZST
Surrogates	Limits									
Dibromofluoromethane	104%		%REC	70-130		1	374089	06/17/25	06/17/25	ZST
1,2-Dichloroethane-d4	100%		%REC	70-130		1	374089	06/17/25	06/17/25	ZST
Toluene-d8	102%		%REC	70-130		1	374089	06/17/25	06/17/25	ZST
Bromofluorobenzene	101%		%REC	70-130		1	374089	06/17/25	06/17/25	ZST

Analysis Results for 535148

Sample ID: QCTB
Lab ID: 535148-006
Collected: 06/10/25
Matrix: Water

535148-006 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	0.5	1	374089	06/17/25	06/17/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	374089	06/17/25	06/17/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	374089	06/17/25	06/17/25	ZST
Acetone	ND		ug/L	100	21	1	374089	06/17/25	06/17/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	374089	06/17/25	06/17/25	ZST
Methylene Chloride	6.9		ug/L	5.0	2.4	1	374089	06/17/25	06/17/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	374089	06/17/25	06/17/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	374089	06/17/25	06/17/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	374089	06/17/25	06/17/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Chloroform	0.8	J	ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	374089	06/17/25	06/17/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
Benzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	374089	06/17/25	06/17/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	374089	06/17/25	06/17/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	374089	06/17/25	06/17/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	374089	06/17/25	06/17/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	374089	06/17/25	06/17/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	374089	06/17/25	06/17/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	374089	06/17/25	06/17/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST

Analysis Results for 535148

535148-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	374089	06/17/25	06/17/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	374089	06/17/25	06/17/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374089	06/17/25	06/17/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	374089	06/17/25	06/17/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	374089	06/17/25	06/17/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	374089	06/17/25	06/17/25	ZST
Xylene (total)	ND		ug/L	5.0		1	374089	06/17/25	06/17/25	ZST
Surrogates	Limits									
Dibromofluoromethane	103%		%REC	70-130		1	374089	06/17/25	06/17/25	ZST
1,2-Dichloroethane-d4	99%		%REC	70-130		1	374089	06/17/25	06/17/25	ZST
Toluene-d8	102%		%REC	70-130		1	374089	06/17/25	06/17/25	ZST
Bromofluorobenzene	102%		%REC	70-130		1	374089	06/17/25	06/17/25	ZST

J Estimated value
ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1265149	Batch: 373677
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1265149 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	06/11/25 14:45	06/11/25 15:15
Chloride	ND		mg/L	1.0	0.27	06/11/25 14:45	06/11/25 15:15
Bromide	ND		mg/L	0.30	0.060	06/11/25 14:45	06/11/25 15:15
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	06/11/25 14:45	06/11/25 15:15
Sulfate	ND		mg/L	1.0	0.18	06/11/25 14:45	06/11/25 15:15

Type: Lab Control Sample	Lab ID: QC1265150	Batch: 373677
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1265150 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	10.10	10.00	mg/L	101%		90-110
Chloride	48.34	50.00	mg/L	97%		90-110
Bromide	15.30	15.00	mg/L	102%		90-110
Nitrogen, Nitrate	4.641	4.518	mg/L	103%		90-110
Sulfate	25.02	25.00	mg/L	100%		90-110

Type: Matrix Spike	Lab ID: QC1265179	Batch: 373677
Matrix (Source ID): Water (535170-001)	Method: EPA 300.0	Prep Method: METHOD

QC1265179 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	19.81	0.07482	20.00	mg/L	99%		80-129	1
Chloride	117.9	13.57	100.0	mg/L	104%		80-123	1
Bromide	15.04	ND	15.00	mg/L	100%		80-121	1
Nitrogen, Nitrate	10.85	1.555	9.036	mg/L	103%		80-123	1
Sulfate	65.48	14.75	50.00	mg/L	101%		79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1265180	Batch: 373677
Matrix (Source ID): Water (535170-001)	Method: EPA 300.0	Prep Method: METHOD

QC1265180 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	19.71	0.07482	20.00	mg/L	98%		80-129	1	21	1
Chloride	117.3	13.57	100.0	mg/L	104%		80-123	0	20	1
Bromide	14.94	ND	15.00	mg/L	100%		80-121	1	20	1
Nitrogen, Nitrate	10.80	1.555	9.036	mg/L	102%		80-123	0	20	1
Sulfate	65.17	14.75	50.00	mg/L	101%		79-124	0	20	1

Batch QC

Type: Matrix Spike	Lab ID: QC1265181	Batch: 373677
Matrix (Source ID): Water (535148-004)	Method: EPA 300.0	Prep Method: METHOD

QC1265181 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	21.36	0.3594	20.00	mg/L	105%		80-129	1
Chloride	190.8	93.83	100.0	mg/L	97%		80-123	1
Bromide	15.51	0.2924	15.00	mg/L	101%		80-121	1
Nitrogen, Nitrate	11.62	2.378	9.036	mg/L	102%		80-123	1
Sulfate	353.1	385.4	50.00	mg/L	-65%	E,NM	79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1265182	Batch: 373677
Matrix (Source ID): Water (535148-004)	Method: EPA 300.0	Prep Method: METHOD

QC1265182 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	21.38	0.3594	20.00	mg/L	105%		80-129	0	21	1
Chloride	190.8	93.83	100.0	mg/L	97%		80-123	0	20	1
Bromide	15.50	0.2924	15.00	mg/L	101%		80-121	0	20	1
Nitrogen, Nitrate	11.62	2.378	9.036	mg/L	102%		80-123	0	20	1
Sulfate	353.0	385.4	50.00	mg/L	-65%	E,NM	79-124		20	1

Type: Lab Control Sample	Lab ID: QC1267564	Batch: 374373
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1267564 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.026	1.000	mg/L	103%		90-110

Type: Blank	Lab ID: QC1267565	Batch: 374373
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1267565 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.034	06/19/25	06/20/25

Type: Matrix Spike	Lab ID: QC1267566	Batch: 374373
Matrix (Source ID): Water (535016-005)	Method: EPA 350.1	Prep Method: METHOD

QC1267566 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.044	ND	1.000	mg/L	104%		90-110	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1267567	Batch: 374373
Matrix (Source ID): Water (535016-005)	Method: EPA 350.1	Prep Method: METHOD

QC1267567 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9878	ND	1.000	mg/L	99%		90-110	6	20	1

Type: Matrix Spike	Lab ID: QC1267568	Batch: 374373
Matrix (Source ID): Water (535069-001)	Method: EPA 350.1	Prep Method: METHOD

QC1267568 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.144	0.1718	1.000	mg/L	97%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1267569	Batch: 374373
Matrix (Source ID): Water (535069-001)	Method: EPA 350.1	Prep Method: METHOD

QC1267569 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.272	0.1718	1.000	mg/L	110%		90-110	11	20	1

Type: Blank	Lab ID: QC1268268	Batch: 374561
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1268268 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	06/22/25	06/22/25

Type: Lab Control Sample	Lab ID: QC1268269	Batch: 374561
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1268269 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	97.00	100.0	mg/L	97%		90-110

Type: Matrix Spike	Lab ID: QC1268270	Batch: 374561
Matrix (Source ID): Water (535016-001)	Method: EPA 410.4	Prep Method: METHOD

QC1268270 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	100.0	10.00	100.0	mg/L	90%		75-125	2

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1268271	Batch: 374561
Matrix (Source ID): Water (535016-001)	Method: EPA 410.4	Prep Method: METHOD

QC1268271 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Chemical Oxygen Demand	100.0	10.00	100.0	mg/L	90%		75-125	0	20	2

Type: Matrix Spike	Lab ID: QC1268272	Batch: 374561
Matrix (Source ID): Water (535279-001)	Method: EPA 410.4	Prep Method: METHOD

QC1268272 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: QC1268273	Batch: 374561
Matrix (Source ID): Water (535279-001)	Method: EPA 410.4	Prep Method: METHOD

QC1268273 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	2	20	2

Type: Blank	Lab ID: QC1265266	Batch: 373713
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1265266 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0062	06/11/25	06/11/25
Calcium	ND		mg/L	0.57	0.57	06/11/25	06/11/25
Iron	ND		mg/L	0.041	0.041	06/11/25	06/11/25
Magnesium	ND		mg/L	0.10	0.025	06/11/25	06/11/25
Manganese	ND		mg/L	0.010	0.0029	06/11/25	06/11/25
Potassium	ND		mg/L	0.50	0.42	06/11/25	06/11/25
Sodium	ND		mg/L	0.50	0.34	06/11/25	06/11/25

Type: Lab Control Sample	Lab ID: QC1265267	Batch: 373713
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1265267 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3664	0.4000	mg/L	92%		80-120
Calcium	18.49	20.40	mg/L	91%		80-120
Iron	0.3767	0.4000	mg/L	94%		80-120
Magnesium	19.31	20.40	mg/L	95%		80-120
Manganese	0.3766	0.4000	mg/L	94%		80-120
Potassium	21.69	24.00	mg/L	90%		80-120
Sodium	18.68	20.40	mg/L	92%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1265268	Batch: 373713
Matrix (Source ID): Water (535184-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1265268 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.4881	0.1194	0.4000	mg/L	92%		75-125	1
Calcium	66.44	48.70	20.40	mg/L	87%		75-125	1
Iron	0.3758	ND	0.4000	mg/L	94%		75-125	1
Magnesium	38.65	19.43	20.40	mg/L	94%		75-125	1
Manganese	0.3692	ND	0.4000	mg/L	92%		75-125	1
Potassium	25.58	3.649	24.00	mg/L	91%		75-125	1
Sodium	92.79	75.25	20.40	mg/L	86%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1265269	Batch: 373713
Matrix (Source ID): Water (535184-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1265269 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.4907	0.1194	0.4000	mg/L	93%		75-125	1	20	1
Calcium	66.61	48.70	20.40	mg/L	88%		75-125	0	20	1
Iron	0.3776	ND	0.4000	mg/L	94%		75-125	0	22	1
Magnesium	38.92	19.43	20.40	mg/L	96%		75-125	1	20	1
Manganese	0.3723	ND	0.4000	mg/L	93%		75-125	1	20	1
Potassium	25.79	3.649	24.00	mg/L	92%		75-125	1	20	1
Sodium	92.78	75.25	20.40	mg/L	86%		75-125	0	20	1

Type: Serial Dilution	Lab ID: QC1265320	Batch: 373713
Matrix (Source ID): Water (535184-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1265320 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	0.1131	0.1194	mg/L	J			5
Calcium	48.46	48.70	mg/L				5
Iron	ND	ND	mg/L				5
Magnesium	19.45	19.43	mg/L				5
Manganese	ND	ND	mg/L				5
Potassium	3.164	3.649	mg/L				5
Sodium	76.32	75.25	mg/L				5

Batch QC

Type: Lab Control Sample	Lab ID: QC1266638	Batch: 374089
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1266638 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	53.66	50.00	ug/L	107%		69-128
MTBE	47.29	50.00	ug/L	95%		66-125
Benzene	53.14	50.00	ug/L	106%		76-121
Trichloroethene	52.17	50.00	ug/L	104%		76-124
Toluene	51.41	50.00	ug/L	103%		76-120
Chlorobenzene	50.60	50.00	ug/L	101%		78-120
Surrogates						
Dibromofluoromethane	50.67	50.00	ug/L	101%		70-130
1,2-Dichloroethane-d4	48.76	50.00	ug/L	98%		70-130
Toluene-d8	49.30	50.00	ug/L	99%		70-130
Bromofluorobenzene	47.96	50.00	ug/L	96%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1266639	Batch: 374089
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1266639 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	52.16	50.00	ug/L	104%		69-128	3	23
MTBE	48.62	50.00	ug/L	97%		66-125	3	22
Benzene	52.33	50.00	ug/L	105%		76-121	2	21
Trichloroethene	50.59	50.00	ug/L	101%		76-124	3	22
Toluene	51.52	50.00	ug/L	103%		76-120	0	21
Chlorobenzene	50.71	50.00	ug/L	101%		78-120	0	20
Surrogates								
Dibromofluoromethane	50.40	50.00	ug/L	101%		70-130		
1,2-Dichloroethane-d4	48.92	50.00	ug/L	98%		70-130		
Toluene-d8	49.39	50.00	ug/L	99%		70-130		
Bromofluorobenzene	47.36	50.00	ug/L	95%		70-130		

Batch QC

Type: Blank	Lab ID: QC1266643	Batch: 374089
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1266643 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.5	06/17/25	06/17/25
Freon 12	ND		ug/L	5.0	0.2	06/17/25	06/17/25
Chloromethane	ND		ug/L	5.0	0.3	06/17/25	06/17/25
Vinyl Chloride	ND		ug/L	5.0	0.1	06/17/25	06/17/25
Bromomethane	ND		ug/L	5.0	0.4	06/17/25	06/17/25
Chloroethane	ND		ug/L	5.0	0.3	06/17/25	06/17/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	06/17/25	06/17/25
Acetone	ND		ug/L	100	21	06/17/25	06/17/25
Freon 113	ND		ug/L	5.0	0.1	06/17/25	06/17/25
1,1-Dichloroethene	ND		ug/L	5.0	0.08	06/17/25	06/17/25
Methylene Chloride	ND		ug/L	5.0	2.4	06/17/25	06/17/25
MTBE	ND		ug/L	5.0	0.09	06/17/25	06/17/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	06/17/25	06/17/25
1,1-Dichloroethane	ND		ug/L	5.0	0.09	06/17/25	06/17/25
2-Butanone	ND		ug/L	100	1.7	06/17/25	06/17/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	06/17/25	06/17/25
2,2-Dichloropropane	ND		ug/L	5.0	0.1	06/17/25	06/17/25
Chloroform	ND		ug/L	5.0	0.1	06/17/25	06/17/25
Bromochloromethane	ND		ug/L	5.0	0.2	06/17/25	06/17/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	06/17/25	06/17/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	06/17/25	06/17/25
Carbon Tetrachloride	ND		ug/L	5.0	0.1	06/17/25	06/17/25
1,2-Dichloroethane	ND		ug/L	5.0	0.2	06/17/25	06/17/25
Benzene	ND		ug/L	5.0	0.1	06/17/25	06/17/25
Trichloroethene	ND		ug/L	5.0	0.2	06/17/25	06/17/25
1,2-Dichloropropane	ND		ug/L	5.0	0.1	06/17/25	06/17/25
Bromodichloromethane	ND		ug/L	5.0	0.08	06/17/25	06/17/25
Dibromomethane	ND		ug/L	5.0	0.2	06/17/25	06/17/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	06/17/25	06/17/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	06/17/25	06/17/25
Toluene	ND		ug/L	5.0	0.1	06/17/25	06/17/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	06/17/25	06/17/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	06/17/25	06/17/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	06/17/25	06/17/25
Tetrachloroethene	ND		ug/L	5.0	0.09	06/17/25	06/17/25
Dibromochloromethane	ND		ug/L	5.0	0.1	06/17/25	06/17/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	06/17/25	06/17/25
Chlorobenzene	ND		ug/L	5.0	0.09	06/17/25	06/17/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	06/17/25	06/17/25
Ethylbenzene	ND		ug/L	5.0	0.1	06/17/25	06/17/25
m,p-Xylenes	ND		ug/L	10	0.2	06/17/25	06/17/25
o-Xylene	ND		ug/L	5.0	0.1	06/17/25	06/17/25
Styrene	ND		ug/L	5.0	0.1	06/17/25	06/17/25
Bromoform	ND		ug/L	5.0	0.2	06/17/25	06/17/25
Isopropylbenzene	ND		ug/L	5.0	0.1	06/17/25	06/17/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	06/17/25	06/17/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	06/17/25	06/17/25

Batch QC

QC1266643 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.2	06/17/25	06/17/25
Bromobenzene	ND		ug/L	5.0	0.1	06/17/25	06/17/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	06/17/25	06/17/25
2-Chlorotoluene	ND		ug/L	5.0	0.1	06/17/25	06/17/25
4-Chlorotoluene	ND		ug/L	5.0	0.1	06/17/25	06/17/25
tert-Butylbenzene	ND		ug/L	5.0	0.2	06/17/25	06/17/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	06/17/25	06/17/25
sec-Butylbenzene	ND		ug/L	5.0	0.2	06/17/25	06/17/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	06/17/25	06/17/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	06/17/25	06/17/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	06/17/25	06/17/25
n-Butylbenzene	ND		ug/L	5.0	0.4	06/17/25	06/17/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	06/17/25	06/17/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	06/17/25	06/17/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	06/17/25	06/17/25
Hexachlorobutadiene	ND		ug/L	5.0	0.4	06/17/25	06/17/25
Naphthalene	ND		ug/L	5.0	0.3	06/17/25	06/17/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	06/17/25	06/17/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	06/17/25	06/17/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	06/17/25	06/17/25
Xylene (total)	ND		ug/L	5.0		06/17/25	06/17/25
Surrogates	Limits						
Dibromofluoromethane	102%		%REC	70-130		06/17/25	06/17/25
1,2-Dichloroethane-d4	97%		%REC	70-130		06/17/25	06/17/25
Toluene-d8	103%		%REC	70-130		06/17/25	06/17/25
Bromofluorobenzene	101%		%REC	70-130		06/17/25	06/17/25

Type: Matrix Spike	Lab ID: QC1266702	Batch: 374089
Matrix (Source ID): Water (535567-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1266702 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	1,054	ND	1000	ug/L	105%		62-131	50
MTBE	915.0	ND	1000	ug/L	92%		61-124	50
Benzene	1,060	9.959	1000	ug/L	105%		70-123	50
Trichloroethene	1,074	ND	1000	ug/L	107%		65-131	50
Toluene	1,070	ND	1000	ug/L	107%		69-120	50
Chlorobenzene	1,018	ND	1000	ug/L	102%		72-121	50
Surrogates								
Dibromofluoromethane	2,472		2500	ug/L	99%		70-130	50
1,2-Dichloroethane-d4	2,417		2500	ug/L	97%		70-130	50
Toluene-d8	2,553		2500	ug/L	102%		70-130	50
Bromofluorobenzene	2,434		2500	ug/L	97%		70-130	50

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1266703	Batch: 374089
Matrix (Source ID): Water (535567-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1266703 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	970.4	ND	1000	ug/L	97%		62-131	8	31	50
MTBE	875.6	ND	1000	ug/L	88%		61-124	4	30	50
Benzene	985.5	9.959	1000	ug/L	98%		70-123	7	31	50
Trichloroethene	966.5	ND	1000	ug/L	97%		65-131	10	31	50
Toluene	976.8	ND	1000	ug/L	98%		69-120	9	29	50
Chlorobenzene	953.0	ND	1000	ug/L	95%		72-121	7	29	50
Surrogates										
Dibromofluoromethane	2,464		2500	ug/L	99%		70-130			50
1,2-Dichloroethane-d4	2,442		2500	ug/L	98%		70-130			50
Toluene-d8	2,506		2500	ug/L	100%		70-130			50
Bromofluorobenzene	2,435		2500	ug/L	97%		70-130			50

Type: Blank	Lab ID: QC1265202	Batch: 373691
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1265202 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.95	06/11/25	06/14/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	102%		%REC	80-120		06/11/25	06/14/25

Type: Lab Control Sample	Lab ID: QC1265203	Batch: 373691
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1265203 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	10.43	10.00	ug/L	104%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.83	10.00	ug/L	108%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1265204	Batch: 373691
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1265204 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	10.27	10.00	ug/L	103%		79-120	2	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.03	10.00	ug/L	100%		80-120		

Type: Blank	Lab ID: QC1266505	Batch: 374050
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1266505 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		06/16/25	06/16/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1266506	Batch: 374050
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1266506 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1266507	Batch: 374050
Matrix (Source ID): Water (535154-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1266507 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.7000	ND	1.000	mg/L	70%	*	80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1266508	Batch: 374050
Matrix (Source ID): Water (535154-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1266508 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.7000	ND	1.000	mg/L	70%	*	80-120	0	20	1

Type: Blank	Lab ID: QC1265232	Batch: 373701
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1265232 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.68	06/11/25	06/12/25

Type: Lab Control Sample	Lab ID: QC1265233	Batch: 373701
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1265233 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	23.82	25.00	mg/L	95%		85-115

Type: Matrix Spike	Lab ID: QC1265234	Batch: 373701
Matrix (Source ID): Water (534901-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1265234 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	28.85	1.589	25.00	mg/L	109%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1265235	Batch: 373701
Matrix (Source ID): Water (534901-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1265235 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	29.07	1.589	25.00	mg/L	110%		75-125	1	25	1

Batch QC

Type: Blank	Lab ID: QC1265978	Batch: 373912
Matrix: Drinking Water	Method: SM2320B	Prep Method: METHOD

QC1265978 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		06/13/25	06/13/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		06/13/25	06/13/25

Type: Lab Control Sample	Lab ID: QC1265979	Batch: 373912
Matrix: Drinking Water	Method: SM2320B	Prep Method: METHOD

QC1265979 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	1,053	1000	mg/L	105%		90-110

Type: Sample Duplicate	Lab ID: QC1265980	Batch: 373912
Matrix (Source ID): Water (535240-001)	Method: SM2320B	Prep Method: METHOD

QC1265980 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	346.9	352.2	mg/L		2	20	2.5
Alkalinity, Total as CaCO ₃	346.9	352.2	mg/L		2	20	2.5

Type: Blank	Lab ID: QC1265569	Batch: 373802
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1265569 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	5.0		06/12/25	06/15/25

Type: Lab Control Sample	Lab ID: QC1265570	Batch: 373802
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1265570 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,007	1000	mg/L	101%		90-110

Type: Sample Duplicate	Lab ID: QC1265571	Batch: 373802
Matrix (Source ID): Water (535148-001)	Method: SM2540C	Prep Method: METHOD

QC1265571 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	1,148	1116	mg/L		3	5	2

Type: Sample Duplicate	Lab ID: QC1265572	Batch: 373802
Matrix (Source ID): Water (535234-001)	Method: SM2540C	Prep Method: METHOD

QC1265572 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	1,510	1476	mg/L		2	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 535148

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2506874

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-535148

Project Location:

Project Received: 06/13/2025

Analytical Report reviewed & approved for release on 06/17/2025 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:** 2506874**Project:** EO-535148

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: 2506874

Project: EO-535148

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: 06/13/2025 9:29
Date Prepared: 06/17/2025
Project: EO-535148

WorkOrder: 2506874
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	2506874-001A	Water	06/10/2025 08:59	GC26 0617250905.D	319538

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	1100	50	50	1	06/17/2025 11:06

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-8	2506874-002A	Water	06/10/2025 10:21	GC26 0617250907.D	319538

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	33,000	2000	2000	40	06/17/2025 11:43

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-9	2506874-003A	Water	06/10/2025 11:31	GC26 0617250908.D	319538

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	940	50	50	1	06/17/2025 12:07

Analyst(s): CLO

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 06/13/2025 9:29
Date Prepared: 06/17/2025
Project: EO-535148

WorkOrder: 2506874
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	2506874-004A	Water	06/10/2025 12:35	GC26 0617250910.D	319538

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	9900	500	500	10	06/17/2025 13:21

Analyst(s): CLO



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 06/17/2025
Date Analyzed: 06/17/2025
Instrument: GC26
Matrix: Water
Project: EO-535148

WorkOrder: 2506874
BatchID: 319538
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-319538

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	5.79	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: 2506874

ClientCode: ENO

QuoteID: 243367

☐ 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-535148

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: 06/13/2025

Date Logged: 06/13/2025

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2506874-001	DW-28	Water	6/10/2025 08:59	☐	A	A										
2506874-002	DW-8	Water	6/10/2025 10:21	☐	A	A										
2506874-003	DW-9	Water	6/10/2025 11:31	☐	A	A										
2506874-004	DW-29	Water	6/10/2025 12:35	☐	A	A										

Test Legend:

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

Project Manager: Yen Cao

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-535148

Work Order: 2506874

Client Contact: Zach Barker

QC Level: LEVEL 2

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

Comments:

Date Logged: 6/13/2025

☐ 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	☐	☐	☐	6/10/2025 8:59	2 days	6/17/2025	None	☐	☐
002A	DW-8	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	6/10/2025 10:21	2 days	6/17/2025	Present	☐	☐
003A	DW-9	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	6/10/2025 11:31	2 days	6/17/2025	None	☐	☐
004A	DW-29	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	6/10/2025 12:35	2 days	6/17/2025	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.



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-535148

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-JUN-2025 08:59	535148-001	3	Water	RSK-175 CO2	
DW-8	10-JUN-2025 10:21	535148-002	3	Water	RSK-175 CO2	
DW-9	10-JUN-2025 11:31	535148-003	3	Water	RSK-175 CO2	
DW-29	10-JUN-2025 12:35	535148-004	3	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	<i>J. Dominguez EA-089</i>	
	Date: <i>6/12/25 1520</i>	Date:
	Date:	<i>Emily R</i>
	Date:	Date: <i>6/13/25 0929</i>

FedEx: 881993334519

*1-0 net
1R39*



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-535148

Date and Time Received: 6/13/2025 09:29

Date Logged: 6/13/2025

Received by: Emily Perez

Logged by: Emily Perez

WorkOrder No: 2506874 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 ☐

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: Sample 2506874-001A with method RSK175 (CO2) was received unpreserved. Sample 2506874-002A with method RSK175 (CO2) was received unpreserved. Sample 2506874-003A with method RSK175 (CO2) was received unpreserved. Sample 2506874-004A with method RSK175 (CO2) was received unpreserved.



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

enthalpy.com

Lab Job Number : 535279
Report Level : II
Report Date : 06/26/2025

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, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

Sample Summary

Steve Cassulo	Lab Job #:	535279
Waste Connections	Project No:	GW MONITORING
Chiquita Canyon Landfill	Location:	Chiquita Canyon Landfill / Quarterly MPars
29201 Henry Mayo	Date Received:	06/11/25
Drive		
Castaic, CA 91384		

Sample ID	Lab ID	Collected	Matrix
DW-15	535279-001	06/11/25 07:37	Water
DW-30	535279-002	06/11/25 08:30	Water
DW-17	535279-003	06/11/25 09:41	Water
DW-14	535279-004	06/11/25 11:12	Water
PZ-4	535279-005	06/11/25 12:21	Water
QCFB	535279-006	06/11/25 09:44	Water
QCTB	535279-007	06/11/25 00:00	Water

Case Narrative

Waste Connections	Lab Job Number: 535279
Chiquita Canyon Landfill	Project No: GW MONITORING
29201 Henry Mayo Drive	Location: Chiquita Canyon Landfill / Quarterly
Castaic, CA 91384	MPars
Steve Cassulo	Date Received: 06/11/25

This data package contains sample and QC results for seven water samples, requested for the above referenced project on 06/12/25. 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):

- Low recoveries were observed for sulfide in the MS/MSD for batch 374159; 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):

No 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.

[illegible]

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 06/11/25 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: Chiquita

Section 3a: Condition / Packaging

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

Date Opened 06/11/25 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 °C

Cooler Temp (°C) #1: 16.2/15.5 #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

☐ PM notified

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

ENTHALPY

Date Received: 6/12/25 WO# 535279 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 6/12/25 By (initials) MIG 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?

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?

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

4.1: Sampling time for -005 is after relinquish time

[illegible]☐ No additional discrepancies

Date Logged 6/11/25 By (print) ABD

Date Labeled 6/12/25 By (print) NTG

(sign) *Adrian*

(sign)

Analysis Results for 535279

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

Lab Job #: 535279
Project No: GW MONITORING
Location: Chiquita Canyon Landfill / Quarterly MPars
Date Received: 06/11/25

Sample ID: DW-15

Lab ID: 535279-001

Collected: 06/11/25 07:37

Matrix: Water

535279-001 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	373791	06/12/25 13:22	06/12/25 15:18	BPH
Chloride	75		mg/L	1.0	0.27	1	373791	06/12/25 13:22	06/12/25 15:18	BPH
Bromide	0.14	J	mg/L	0.30	0.060	1	373791	06/12/25 13:22	06/12/25 15:18	BPH
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	373791	06/12/25 13:22	06/12/25 15:18	BPH
Sulfate	1,400		mg/L	20	3.7	20	373791	06/12/25 13:22	06/12/25 15:35	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	0.12		mg/L	0.10	0.050	1	374483	06/20/25	06/23/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	374561	06/22/25	06/22/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.22		mg/L	0.050	0.0062	1	373801	06/12/25	06/12/25	CAP
Calcium	230		mg/L	1.0	0.57	1	373801	06/12/25	06/12/25	CAP
Iron	0.93		mg/L	0.10	0.041	1	373801	06/12/25	06/12/25	CAP
Magnesium	33		mg/L	0.10	0.025	1	373801	06/12/25	06/12/25	CAP
Manganese	0.61		mg/L	0.010	0.0029	1	373801	06/12/25	06/12/25	CAP
Potassium	2.8		mg/L	0.50	0.42	1	373801	06/12/25	06/12/25	CAP
Sodium	400		mg/L	0.50	0.34	1	373801	06/12/25	06/12/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	374210	06/18/25	06/18/25	EJB
Freon 12	ND		ug/L	5.0	0.3	1	374210	06/18/25	06/18/25	EJB
Chloromethane	ND		ug/L	5.0	0.4	1	374210	06/18/25	06/18/25	EJB
Vinyl Chloride	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Bromomethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Chloroethane	ND		ug/L	5.0	0.3	1	374210	06/18/25	06/18/25	EJB
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Acetone	ND		ug/L	100	44	1	374210	06/18/25	06/18/25	EJB
Freon 113	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Methylene Chloride	ND		ug/L	5.0	3.5	1	374210	06/18/25	06/18/25	EJB
MTBE	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1-Dichloroethane	ND		ug/L	5.0	0.08	1	374210	06/18/25	06/18/25	EJB
2-Butanone	ND		ug/L	100	2.3	1	374210	06/18/25	06/18/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Chloroform	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB

Analysis Results for 535279

535279-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1-Dichloropropene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Carbon Tetrachloride	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Benzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Trichloroethene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Bromodichloromethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Dibromomethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	1	374210	06/18/25	06/18/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Toluene	ND		ug/L	5.0	0.3	1	374210	06/18/25	06/18/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Tetrachloroethene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Dibromochloromethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Chlorobenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Ethylbenzene	ND		ug/L	5.0	0.07	1	374210	06/18/25	06/18/25	EJB
m,p-Xylenes	ND		ug/L	10	0.1	1	374210	06/18/25	06/18/25	EJB
o-Xylene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
Styrene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Bromoform	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Isopropylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Propylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
Bromobenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
2-Chlorotoluene	ND		ug/L	5.0	0.08	1	374210	06/18/25	06/18/25	EJB
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
tert-Butylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
sec-Butylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,4-Dichlorobenzene	0.2	J	ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
n-Butylbenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	1	374210	06/18/25	06/18/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Hexachlorobutadiene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
Naphthalene	ND		ug/L	5.0	0.5	1	374210	06/18/25	06/18/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374210	06/18/25	06/18/25	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	1	374210	06/18/25	06/18/25	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	1	374210	06/18/25	06/18/25	EJB
Xylene (total)	ND		ug/L	5.0		1	374210	06/18/25	06/18/25	EJB
Surrogates				Limits						
Dibromofluoromethane	113%		%REC	70-130		1	374210	06/18/25	06/18/25	EJB

Analysis Results for 535279

535279-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	105%		%REC	70-130		1	374210	06/18/25	06/18/25	EJB
Toluene-d8	98%		%REC	70-130		1	374210	06/18/25	06/18/25	EJB
Bromofluorobenzene	100%		%REC	70-130		1	374210	06/18/25	06/18/25	EJB

Method: EPA 8270C-SIM

Prep Method: EPA 3535

1,4-Dioxane	ND		ug/L	1.0	0.95	1	373873	06/13/25	06/16/25	TJW

Surrogates

Limits

1,4-Dioxane-d8 (SUR)	103%		%REC	80-120		1	373873	06/13/25	06/16/25	TJW

Method: SM 4500-S2-D

Prep Method: METHOD

Sulfide	ND		mg/L	0.10		1	374159	06/17/25	06/17/25	TXC

Method: SM 5310B

Prep Method: SM 5310B

Total Organic Carbon	1.1		mg/L	1.0	0.68	1	374109	06/17/25	06/17/25	CKN

Method: SM2320B

Prep Method: METHOD

Alkalinity, Bicarbonate, as CaCO3	200		mg/L	5.0	2.5	373913	06/13/25	06/13/25	WWC
Alkalinity, Total as CaCO3	200		mg/L	5.0	2.5	373913	06/13/25	06/13/25	WWC

Method: SM2540C

Prep Method: METHOD

Total Dissolved Solids	2,500		mg/L	20		2	373802	06/12/25	06/15/25	RDL

Analysis Results for 535279

Sample ID: DW-30
Lab ID: 535279-002
Collected: 06/11/25 08:30
Matrix: Water

535279-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.94		mg/L	0.20	0.073	1	373791	06/12/25 13:22	06/12/25 15:52	BPH
Chloride	59		mg/L	1.0	0.27	1	373791	06/12/25 13:22	06/12/25 15:52	BPH
Bromide	0.13	J	mg/L	0.30	0.060	1	373791	06/12/25 13:22	06/12/25 15:52	BPH
Nitrogen, Nitrate	0.22		mg/L	0.10	0.05	1	373791	06/12/25 13:22	06/12/25 15:52	BPH
Sulfate	310		mg/L	10	1.8	10	373791	06/12/25 13:22	06/12/25 16:09	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	374483	06/20/25	06/23/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	374561	06/22/25	06/22/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.20		mg/L	0.050	0.0062	1	373801	06/12/25	06/12/25	CAP
Calcium	37		mg/L	1.0	0.57	1	373801	06/12/25	06/12/25	CAP
Iron	0.31		mg/L	0.10	0.041	1	373801	06/12/25	06/12/25	CAP
Magnesium	5.9		mg/L	0.10	0.025	1	373801	06/12/25	06/12/25	CAP
Manganese	0.033		mg/L	0.010	0.0029	1	373801	06/12/25	06/12/25	CAP
Potassium	1.7		mg/L	0.50	0.42	1	373801	06/12/25	06/12/25	CAP
Sodium	190		mg/L	0.50	0.34	1	373801	06/12/25	06/12/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	374210	06/18/25	06/18/25	EJB
Freon 12	ND		ug/L	5.0	0.3	1	374210	06/18/25	06/18/25	EJB
Chloromethane	ND		ug/L	5.0	0.4	1	374210	06/18/25	06/18/25	EJB
Vinyl Chloride	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Bromomethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Chloroethane	ND		ug/L	5.0	0.3	1	374210	06/18/25	06/18/25	EJB
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Acetone	ND		ug/L	100	44	1	374210	06/18/25	06/18/25	EJB
Freon 113	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Methylene Chloride	ND		ug/L	5.0	3.5	1	374210	06/18/25	06/18/25	EJB
MTBE	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1-Dichloroethane	ND		ug/L	5.0	0.08	1	374210	06/18/25	06/18/25	EJB
2-Butanone	ND		ug/L	100	2.3	1	374210	06/18/25	06/18/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Chloroform	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Bromochloromethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1-Dichloropropene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Carbon Tetrachloride	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB

Analysis Results for 535279

535279-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Trichloroethene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Bromodichloromethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Dibromomethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	1	374210	06/18/25	06/18/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Toluene	ND		ug/L	5.0	0.3	1	374210	06/18/25	06/18/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Tetrachloroethene	0.6	J	ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Dibromochloromethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Chlorobenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Ethylbenzene	ND		ug/L	5.0	0.07	1	374210	06/18/25	06/18/25	EJB
m,p-Xylenes	ND		ug/L	10	0.1	1	374210	06/18/25	06/18/25	EJB
o-Xylene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
Styrene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Bromoform	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Isopropylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Propylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
Bromobenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
2-Chlorotoluene	ND		ug/L	5.0	0.08	1	374210	06/18/25	06/18/25	EJB
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
tert-Butylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
sec-Butylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
n-Butylbenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	1	374210	06/18/25	06/18/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Hexachlorobutadiene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
Naphthalene	ND		ug/L	5.0	0.5	1	374210	06/18/25	06/18/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374210	06/18/25	06/18/25	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	1	374210	06/18/25	06/18/25	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	1	374210	06/18/25	06/18/25	EJB
Xylene (total)	ND		ug/L	5.0		1	374210	06/18/25	06/18/25	EJB
Surrogates			Limits							
Dibromofluoromethane	109%		%REC	70-130		1	374210	06/18/25	06/18/25	EJB
1,2-Dichloroethane-d4	105%		%REC	70-130		1	374210	06/18/25	06/18/25	EJB
Toluene-d8	96%		%REC	70-130		1	374210	06/18/25	06/18/25	EJB
Bromofluorobenzene	102%		%REC	70-130		1	374210	06/18/25	06/18/25	EJB

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 535279

535279-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	373873	06/13/25	06/16/25	TJW
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	373873	06/13/25	06/16/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	374159	06/17/25	06/17/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	0.91	J	mg/L	1.0	0.68	1	374109	06/17/25	06/17/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	190		mg/L	5.0		2.5	373913	06/13/25	06/13/25	WWC
Alkalinity, Total as CaCO3	190		mg/L	5.0		2.5	373913	06/13/25	06/13/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	770		mg/L	20		2	373802	06/12/25	06/15/25	RDL

Analysis Results for 535279

Sample ID: DW-17
Lab ID: 535279-003
Collected: 06/11/25 09:41
Matrix: Water

535279-003 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	373791	06/12/25 13:22	06/12/25 17:00	BPH
Chloride	150		mg/L	1.0	0.27	1	373791	06/12/25 13:22	06/12/25 17:00	BPH
Bromide	0.29	J	mg/L	0.30	0.060	1	373791	06/12/25 13:22	06/12/25 17:00	BPH
Nitrogen, Nitrate	0.99		mg/L	0.10	0.05	1	373791	06/12/25 13:22	06/12/25 17:00	BPH
Sulfate	190		mg/L	10	1.8	10	373791	06/12/25 13:22	06/12/25 17:17	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	374483	06/20/25	06/23/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	374561	06/22/25	06/22/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.084		mg/L	0.050	0.0062	1	373801	06/12/25	06/12/25	CAP
Calcium	4.7		mg/L	1.0	0.57	1	373801	06/12/25	06/12/25	CAP
Iron	ND		mg/L	0.10	0.041	1	373801	06/12/25	06/12/25	CAP
Magnesium	0.13		mg/L	0.10	0.025	1	373801	06/12/25	06/12/25	CAP
Manganese	ND		mg/L	0.010	0.0029	1	373801	06/12/25	06/12/25	CAP
Potassium	0.77		mg/L	0.50	0.42	1	373801	06/12/25	06/12/25	CAP
Sodium	220		mg/L	0.50	0.34	1	373801	06/12/25	06/12/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	374210	06/18/25	06/18/25	EJB
Freon 12	ND		ug/L	5.0	0.3	1	374210	06/18/25	06/18/25	EJB
Chloromethane	ND		ug/L	5.0	0.4	1	374210	06/18/25	06/18/25	EJB
Vinyl Chloride	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Bromomethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Chloroethane	ND		ug/L	5.0	0.3	1	374210	06/18/25	06/18/25	EJB
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Acetone	ND		ug/L	100	44	1	374210	06/18/25	06/18/25	EJB
Freon 113	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Methylene Chloride	ND		ug/L	5.0	3.5	1	374210	06/18/25	06/18/25	EJB
MTBE	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1-Dichloroethane	ND		ug/L	5.0	0.08	1	374210	06/18/25	06/18/25	EJB
2-Butanone	ND		ug/L	100	2.3	1	374210	06/18/25	06/18/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Chloroform	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Bromochloromethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1-Dichloropropene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Carbon Tetrachloride	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB

Analysis Results for 535279

535279-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Trichloroethene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Bromodichloromethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Dibromomethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	1	374210	06/18/25	06/18/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Toluene	ND		ug/L	5.0	0.3	1	374210	06/18/25	06/18/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Tetrachloroethene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Dibromochloromethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Chlorobenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Ethylbenzene	ND		ug/L	5.0	0.07	1	374210	06/18/25	06/18/25	EJB
m,p-Xylenes	ND		ug/L	10	0.1	1	374210	06/18/25	06/18/25	EJB
o-Xylene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
Styrene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Bromoform	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Isopropylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Propylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
Bromobenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
2-Chlorotoluene	ND		ug/L	5.0	0.08	1	374210	06/18/25	06/18/25	EJB
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
tert-Butylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
sec-Butylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
n-Butylbenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	1	374210	06/18/25	06/18/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Hexachlorobutadiene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
Naphthalene	ND		ug/L	5.0	0.5	1	374210	06/18/25	06/18/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374210	06/18/25	06/18/25	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	1	374210	06/18/25	06/18/25	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	1	374210	06/18/25	06/18/25	EJB
Xylene (total)	ND		ug/L	5.0		1	374210	06/18/25	06/18/25	EJB
Surrogates			Limits							
Dibromofluoromethane	113%		%REC	70-130		1	374210	06/18/25	06/18/25	EJB
1,2-Dichloroethane-d4	107%		%REC	70-130		1	374210	06/18/25	06/18/25	EJB
Toluene-d8	99%		%REC	70-130		1	374210	06/18/25	06/18/25	EJB
Bromofluorobenzene	100%		%REC	70-130		1	374210	06/18/25	06/18/25	EJB

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 535279

535279-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	373873	06/13/25	06/16/25	TJW
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	102%		%REC	80-120		1	373873	06/13/25	06/16/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	374159	06/17/25	06/17/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	374109	06/17/25	06/17/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	96		mg/L	5.0		2.5	373913	06/13/25	06/13/25	WWC
Alkalinity, Total as CaCO3	150		mg/L	5.0		2.5	373913	06/13/25	06/13/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	660		mg/L	20		2	373802	06/12/25	06/15/25	RDL

Analysis Results for 535279

Sample ID: DW-14
Lab ID: 535279-004
Collected: 06/11/25 11:12
Matrix: Water

535279-004 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	373791	06/12/25 13:22	06/12/25 17:33	AJL
Chloride	97		mg/L	1.0	0.27	1	373791	06/12/25 13:22	06/12/25 17:33	AJL
Bromide	0.12	J	mg/L	0.30	0.060	1	373791	06/12/25 13:22	06/12/25 17:33	AJL
Nitrogen, Nitrate	0.33		mg/L	0.10	0.05	1	373791	06/12/25 13:22	06/12/25 17:33	AJL
Sulfate	30		mg/L	1.0	0.18	1	373791	06/12/25 13:22	06/12/25 17:33	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	374483	06/20/25	06/23/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	374561	06/22/25	06/22/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.12		mg/L	0.050	0.0062	1	373801	06/12/25	06/12/25	CAP
Calcium	2.5		mg/L	1.0	0.57	1	373801	06/12/25	06/12/25	CAP
Iron	0.19		mg/L	0.10	0.041	1	373801	06/12/25	06/12/25	CAP
Magnesium	0.18		mg/L	0.10	0.025	1	373801	06/12/25	06/12/25	CAP
Manganese	ND		mg/L	0.010	0.0029	1	373801	06/12/25	06/12/25	CAP
Potassium	0.61		mg/L	0.50	0.42	1	373801	06/12/25	06/12/25	CAP
Sodium	140		mg/L	0.50	0.34	1	373801	06/12/25	06/12/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	374210	06/18/25	06/18/25	EJB
Freon 12	ND		ug/L	5.0	0.3	1	374210	06/18/25	06/18/25	EJB
Chloromethane	ND		ug/L	5.0	0.4	1	374210	06/18/25	06/18/25	EJB
Vinyl Chloride	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Bromomethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Chloroethane	ND		ug/L	5.0	0.3	1	374210	06/18/25	06/18/25	EJB
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Acetone	ND		ug/L	100	44	1	374210	06/18/25	06/18/25	EJB
Freon 113	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Methylene Chloride	ND		ug/L	5.0	3.5	1	374210	06/18/25	06/18/25	EJB
MTBE	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1-Dichloroethane	ND		ug/L	5.0	0.08	1	374210	06/18/25	06/18/25	EJB
2-Butanone	ND		ug/L	100	2.3	1	374210	06/18/25	06/18/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Chloroform	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Bromochloromethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1-Dichloropropene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Carbon Tetrachloride	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB

Analysis Results for 535279

535279-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Trichloroethene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Bromodichloromethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Dibromomethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	1	374210	06/18/25	06/18/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Toluene	ND		ug/L	5.0	0.3	1	374210	06/18/25	06/18/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Tetrachloroethene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Dibromochloromethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Chlorobenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Ethylbenzene	ND		ug/L	5.0	0.07	1	374210	06/18/25	06/18/25	EJB
m,p-Xylenes	ND		ug/L	10	0.1	1	374210	06/18/25	06/18/25	EJB
o-Xylene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
Styrene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Bromoform	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Isopropylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Propylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
Bromobenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
2-Chlorotoluene	ND		ug/L	5.0	0.08	1	374210	06/18/25	06/18/25	EJB
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
tert-Butylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
sec-Butylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
n-Butylbenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	1	374210	06/18/25	06/18/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Hexachlorobutadiene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
Naphthalene	ND		ug/L	5.0	0.5	1	374210	06/18/25	06/18/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374210	06/18/25	06/18/25	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	1	374210	06/18/25	06/18/25	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	1	374210	06/18/25	06/18/25	EJB
Xylene (total)	ND		ug/L	5.0		1	374210	06/18/25	06/18/25	EJB
Surrogates			Limits							
Dibromofluoromethane	112%		%REC	70-130		1	374210	06/18/25	06/18/25	EJB
1,2-Dichloroethane-d4	106%		%REC	70-130		1	374210	06/18/25	06/18/25	EJB
Toluene-d8	97%		%REC	70-130		1	374210	06/18/25	06/18/25	EJB
Bromofluorobenzene	101%		%REC	70-130		1	374210	06/18/25	06/18/25	EJB

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 535279

535279-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	373873	06/13/25	06/16/25	TJW
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	104%		%REC	80-120		1	373873	06/13/25	06/16/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	374159	06/17/25	06/17/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	0.78	J	mg/L	1.0	0.68	1	374109	06/17/25	06/17/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	130		mg/L	5.0		2.5	373913	06/13/25	06/13/25	WWC
Alkalinity, Total as CaCO3	180		mg/L	5.0		2.5	373913	06/13/25	06/13/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	420		mg/L	20		2	373802	06/12/25	06/15/25	RDL

Analysis Results for 535279

Sample ID: PZ-4
Lab ID: 535279-005
Collected: 06/11/25 12:21
Matrix: Water

535279-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.60		mg/L	0.20	0.073	1	373791	06/12/25 13:22	06/12/25 17:50	AJL
Chloride	60		mg/L	1.0	0.27	1	373791	06/12/25 13:22	06/12/25 17:50	AJL
Bromide	0.14	J	mg/L	0.30	0.060	1	373791	06/12/25 13:22	06/12/25 17:50	AJL
Nitrogen, Nitrate	1.2		mg/L	0.10	0.05	1	373791	06/12/25 13:22	06/12/25 17:50	AJL
Sulfate	130		mg/L	10	1.8	10	373791	06/12/25 13:22	06/12/25 18:07	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	374483	06/20/25	06/23/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	7.0		mg/L	4.0	2.0	1	374561	06/22/25	06/22/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.31		mg/L	0.050	0.0062	1	373801	06/12/25	06/12/25	CAP
Calcium	51		mg/L	1.0	0.57	1	373801	06/12/25	06/12/25	CAP
Iron	ND		mg/L	0.10	0.041	1	373801	06/12/25	06/12/25	CAP
Magnesium	9.9		mg/L	0.10	0.025	1	373801	06/12/25	06/12/25	CAP
Manganese	ND		mg/L	0.010	0.0029	1	373801	06/12/25	06/12/25	CAP
Potassium	2.3		mg/L	0.50	0.42	1	373801	06/12/25	06/12/25	CAP
Sodium	180		mg/L	0.50	0.34	1	373801	06/12/25	06/12/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	374210	06/18/25	06/18/25	EJB
Freon 12	1.1	J	ug/L	5.0	0.3	1	374210	06/18/25	06/18/25	EJB
Chloromethane	ND		ug/L	5.0	0.4	1	374210	06/18/25	06/18/25	EJB
Vinyl Chloride	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Bromomethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Chloroethane	ND		ug/L	5.0	0.3	1	374210	06/18/25	06/18/25	EJB
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Acetone	ND		ug/L	100	44	1	374210	06/18/25	06/18/25	EJB
Freon 113	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Methylene Chloride	ND		ug/L	5.0	3.5	1	374210	06/18/25	06/18/25	EJB
MTBE	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1-Dichloroethane	ND		ug/L	5.0	0.08	1	374210	06/18/25	06/18/25	EJB
2-Butanone	ND		ug/L	100	2.3	1	374210	06/18/25	06/18/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Chloroform	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Bromochloromethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1-Dichloropropene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Carbon Tetrachloride	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB

Analysis Results for 535279

535279-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Trichloroethene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Bromodichloromethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Dibromomethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	1	374210	06/18/25	06/18/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Toluene	ND		ug/L	5.0	0.3	1	374210	06/18/25	06/18/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Tetrachloroethene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Dibromochloromethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Chlorobenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Ethylbenzene	ND		ug/L	5.0	0.07	1	374210	06/18/25	06/18/25	EJB
m,p-Xylenes	ND		ug/L	10	0.1	1	374210	06/18/25	06/18/25	EJB
o-Xylene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
Styrene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Bromoform	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Isopropylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Propylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
Bromobenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
2-Chlorotoluene	ND		ug/L	5.0	0.08	1	374210	06/18/25	06/18/25	EJB
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
tert-Butylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
sec-Butylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
n-Butylbenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	1	374210	06/18/25	06/18/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Hexachlorobutadiene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
Naphthalene	ND		ug/L	5.0	0.5	1	374210	06/18/25	06/18/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374210	06/18/25	06/18/25	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	1	374210	06/18/25	06/18/25	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	1	374210	06/18/25	06/18/25	EJB
Xylene (total)	ND		ug/L	5.0		1	374210	06/18/25	06/18/25	EJB
Surrogates			Limits							
Dibromofluoromethane	109%		%REC	70-130		1	374210	06/18/25	06/18/25	EJB
1,2-Dichloroethane-d4	103%		%REC	70-130		1	374210	06/18/25	06/18/25	EJB
Toluene-d8	99%		%REC	70-130		1	374210	06/18/25	06/18/25	EJB
Bromofluorobenzene	99%		%REC	70-130		1	374210	06/18/25	06/18/25	EJB

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 535279

535279-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	373873	06/13/25	06/16/25	TJW
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	373873	06/13/25	06/16/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	374159	06/17/25	06/17/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	6.7		mg/L	1.0	0.68	1	374109	06/17/25	06/17/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	430		mg/L	5.0		2.5	373913	06/13/25	06/13/25	WWC
Alkalinity, Total as CaCO3	430		mg/L	5.0		2.5	373913	06/13/25	06/13/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	720		mg/L	20		2	373802	06/12/25	06/15/25	RDL

Analysis Results for 535279

Sample ID: QCFB
Lab ID: 535279-006
Collected: 06/11/25 09:44
Matrix: Water

535279-006 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	374210	06/18/25	06/18/25	EJB
Freon 12	ND		ug/L	5.0	0.3	1	374210	06/18/25	06/18/25	EJB
Chloromethane	ND		ug/L	5.0	0.4	1	374210	06/18/25	06/18/25	EJB
Vinyl Chloride	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Bromomethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Chloroethane	ND		ug/L	5.0	0.3	1	374210	06/18/25	06/18/25	EJB
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Acetone	ND		ug/L	100	44	1	374210	06/18/25	06/18/25	EJB
Freon 113	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Methylene Chloride	7.0		ug/L	5.0	3.5	1	374210	06/18/25	06/18/25	EJB
MTBE	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1-Dichloroethane	ND		ug/L	5.0	0.08	1	374210	06/18/25	06/18/25	EJB
2-Butanone	ND		ug/L	100	2.3	1	374210	06/18/25	06/18/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Chloroform	0.8	J	ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Bromochloromethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1-Dichloropropene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Carbon Tetrachloride	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Benzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Trichloroethene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Bromodichloromethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Dibromomethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	1	374210	06/18/25	06/18/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Toluene	ND		ug/L	5.0	0.3	1	374210	06/18/25	06/18/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Tetrachloroethene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Dibromochloromethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Chlorobenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Ethylbenzene	ND		ug/L	5.0	0.07	1	374210	06/18/25	06/18/25	EJB
m,p-Xylenes	ND		ug/L	10	0.1	1	374210	06/18/25	06/18/25	EJB
o-Xylene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
Styrene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Bromoform	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Isopropylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB

Analysis Results for 535279

535279-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Propylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
Bromobenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
2-Chlorotoluene	ND		ug/L	5.0	0.08	1	374210	06/18/25	06/18/25	EJB
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
tert-Butylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
sec-Butylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
n-Butylbenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	1	374210	06/18/25	06/18/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Hexachlorobutadiene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
Naphthalene	ND		ug/L	5.0	0.5	1	374210	06/18/25	06/18/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374210	06/18/25	06/18/25	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	1	374210	06/18/25	06/18/25	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	1	374210	06/18/25	06/18/25	EJB
Xylene (total)	ND		ug/L	5.0		1	374210	06/18/25	06/18/25	EJB
Surrogates	Limits									
Dibromofluoromethane	110%		%REC	70-130		1	374210	06/18/25	06/18/25	EJB
1,2-Dichloroethane-d4	104%		%REC	70-130		1	374210	06/18/25	06/18/25	EJB
Toluene-d8	100%		%REC	70-130		1	374210	06/18/25	06/18/25	EJB
Bromofluorobenzene	102%		%REC	70-130		1	374210	06/18/25	06/18/25	EJB

Analysis Results for 535279

Sample ID: QCTB
Lab ID: 535279-007
Collected: 06/11/25
Matrix: Water

535279-007 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	0.3	1	374210	06/18/25	06/18/25	EJB
Freon 12	ND		ug/L	5.0	0.3	1	374210	06/18/25	06/18/25	EJB
Chloromethane	ND		ug/L	5.0	0.4	1	374210	06/18/25	06/18/25	EJB
Vinyl Chloride	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Bromomethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Chloroethane	ND		ug/L	5.0	0.3	1	374210	06/18/25	06/18/25	EJB
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Acetone	ND		ug/L	100	44	1	374210	06/18/25	06/18/25	EJB
Freon 113	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Methylene Chloride	ND		ug/L	5.0	3.5	1	374210	06/18/25	06/18/25	EJB
MTBE	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1-Dichloroethane	ND		ug/L	5.0	0.08	1	374210	06/18/25	06/18/25	EJB
2-Butanone	ND		ug/L	100	2.3	1	374210	06/18/25	06/18/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Chloroform	0.5	J	ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Bromochloromethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1-Dichloropropene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Carbon Tetrachloride	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Benzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Trichloroethene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Bromodichloromethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Dibromomethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	1	374210	06/18/25	06/18/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Toluene	ND		ug/L	5.0	0.3	1	374210	06/18/25	06/18/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Tetrachloroethene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Dibromochloromethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
Chlorobenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Ethylbenzene	ND		ug/L	5.0	0.07	1	374210	06/18/25	06/18/25	EJB
m,p-Xylenes	ND		ug/L	10	0.1	1	374210	06/18/25	06/18/25	EJB
o-Xylene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
Styrene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Bromoform	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Isopropylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB

Analysis Results for 535279

535279-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Propylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
Bromobenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
2-Chlorotoluene	ND		ug/L	5.0	0.08	1	374210	06/18/25	06/18/25	EJB
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
tert-Butylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
sec-Butylbenzene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
n-Butylbenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374210	06/18/25	06/18/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	1	374210	06/18/25	06/18/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	374210	06/18/25	06/18/25	EJB
Hexachlorobutadiene	ND		ug/L	5.0	0.09	1	374210	06/18/25	06/18/25	EJB
Naphthalene	ND		ug/L	5.0	0.5	1	374210	06/18/25	06/18/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374210	06/18/25	06/18/25	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	1	374210	06/18/25	06/18/25	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	1	374210	06/18/25	06/18/25	EJB
Xylene (total)	ND		ug/L	5.0		1	374210	06/18/25	06/18/25	EJB
Surrogates	Limits									
Dibromofluoromethane	110%		%REC	70-130		1	374210	06/18/25	06/18/25	EJB
1,2-Dichloroethane-d4	104%		%REC	70-130		1	374210	06/18/25	06/18/25	EJB
Toluene-d8	100%		%REC	70-130		1	374210	06/18/25	06/18/25	EJB
Bromofluorobenzene	102%		%REC	70-130		1	374210	06/18/25	06/18/25	EJB

J Estimated value
ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1265519	Batch: 373791
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1265519 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	06/12/25 13:22	06/12/25 13:38
Chloride	ND		mg/L	1.0	0.27	06/12/25 13:22	06/12/25 13:38
Bromide	ND		mg/L	0.30	0.060	06/12/25 13:22	06/12/25 13:38
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	06/12/25 13:22	06/12/25 13:38
Sulfate	ND		mg/L	1.0	0.18	06/12/25 13:22	06/12/25 13:38

Type: Lab Control Sample	Lab ID: QC1265520	Batch: 373791
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1265520 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	10.09	10.00	mg/L	101%		90-110
Chloride	48.19	50.00	mg/L	96%		90-110
Bromide	15.29	15.00	mg/L	102%		90-110
Nitrogen, Nitrate	4.630	4.518	mg/L	102%		90-110
Sulfate	24.85	25.00	mg/L	99%		90-110

Type: Matrix Spike	Lab ID: QC1265521	Batch: 373791
Matrix (Source ID): Water (535240-001)	Method: EPA 300.0	Prep Method: METHOD

QC1265521 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	21.32	0.2001	20.00	mg/L	106%		80-129	1
Chloride	125.9	20.39	100.0	mg/L	106%		80-123	1
Bromide	15.28	0.07415	15.00	mg/L	101%		80-121	1
Nitrogen, Nitrate	11.83	2.901	9.036	mg/L	99%		80-123	1
Sulfate	94.90	44.91	50.00	mg/L	100%		79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1265522	Batch: 373791
Matrix (Source ID): Water (535240-001)	Method: EPA 300.0	Prep Method: METHOD

QC1265522 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	21.21	0.2001	20.00	mg/L	105%		80-129	1	21	1
Chloride	125.4	20.39	100.0	mg/L	105%		80-123	0	20	1
Bromide	15.18	0.07415	15.00	mg/L	101%		80-121	1	20	1
Nitrogen, Nitrate	11.77	2.901	9.036	mg/L	98%		80-123	1	20	1
Sulfate	94.66	44.91	50.00	mg/L	99%		79-124	0	20	1

Batch QC

Type: Matrix Spike	Lab ID: QC1265642	Batch: 373791
Matrix (Source ID): Water (535279-004)	Method: EPA 300.0	Prep Method: METHOD

QC1265642 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	21.46	0.4301	20.00	mg/L	105%		80-129	1
Chloride	192.8	96.56	100.0	mg/L	96%		80-123	1
Bromide	15.35	0.1172	15.00	mg/L	102%		80-121	1
Nitrogen, Nitrate	9.717	0.3266	9.036	mg/L	104%		80-123	1
Sulfate	80.42	30.02	50.00	mg/L	101%		79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1265643	Batch: 373791
Matrix (Source ID): Water (535279-004)	Method: EPA 300.0	Prep Method: METHOD

QC1265643 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	22.08	0.4301	20.00	mg/L	108%		80-129	3	21	1
Chloride	195.4	96.56	100.0	mg/L	99%		80-123	1	20	1
Bromide	15.79	0.1172	15.00	mg/L	104%		80-121	3	20	1
Nitrogen, Nitrate	9.979	0.3266	9.036	mg/L	107%		80-123	3	20	1
Sulfate	81.85	30.02	50.00	mg/L	104%		79-124	2	20	1

Type: Blank	Lab ID: QC1267953	Batch: 374483
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1267953 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	06/20/25	06/23/25

Type: Lab Control Sample	Lab ID: QC1267954	Batch: 374483
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1267954 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9415	1.000	mg/L	94%		90-110

Type: Matrix Spike	Lab ID: QC1267962	Batch: 374483
Matrix (Source ID): Water (535279-001)	Method: EPA 350.1	Prep Method: METHOD

QC1267962 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.102	0.1190	1.000	mg/L	98%		90-110	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1267963	Batch: 374483
Matrix (Source ID): Water (535279-001)	Method: EPA 350.1	Prep Method: METHOD

QC1267963 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.087	0.1190	1.000	mg/L	97%		90-110	1	20	1

Type: Matrix Spike	Lab ID: QC1267964	Batch: 374483
Matrix (Source ID): Water (535279-002)	Method: EPA 350.1	Prep Method: METHOD

QC1267964 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9626	ND	1.000	mg/L	96%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1267965	Batch: 374483
Matrix (Source ID): Water (535279-002)	Method: EPA 350.1	Prep Method: METHOD

QC1267965 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.014	ND	1.000	mg/L	101%		90-110	5	20	1

Type: Blank	Lab ID: QC1268268	Batch: 374561
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1268268 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	06/22/25	06/22/25

Type: Lab Control Sample	Lab ID: QC1268269	Batch: 374561
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1268269 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	97.00	100.0	mg/L	97%		90-110

Type: Matrix Spike	Lab ID: QC1268270	Batch: 374561
Matrix (Source ID): Water (535016-001)	Method: EPA 410.4	Prep Method: METHOD

QC1268270 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	100.0	10.00	100.0	mg/L	90%		75-125	2

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1268271	Batch: 374561
Matrix (Source ID): Water (535016-001)	Method: EPA 410.4	Prep Method: METHOD

QC1268271 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	100.0	10.00	100.0	mg/L	90%		75-125	0	20	2

Type: Matrix Spike	Lab ID: QC1268272	Batch: 374561
Matrix (Source ID): Water (535279-001)	Method: EPA 410.4	Prep Method: METHOD

QC1268272 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: QC1268273	Batch: 374561
Matrix (Source ID): Water (535279-001)	Method: EPA 410.4	Prep Method: METHOD

QC1268273 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	2	20	2

Type: Blank	Lab ID: QC1265564	Batch: 373801
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1265564 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0062	06/12/25	06/12/25
Calcium	ND		mg/L	1.0	0.57	06/12/25	06/12/25
Iron	ND		mg/L	0.10	0.041	06/12/25	06/12/25
Magnesium	ND		mg/L	0.10	0.025	06/12/25	06/12/25
Manganese	ND		mg/L	0.010	0.0029	06/12/25	06/12/25
Potassium	ND		mg/L	0.50	0.42	06/12/25	06/12/25
Sodium	ND		mg/L	0.50	0.34	06/12/25	06/12/25

Type: Lab Control Sample	Lab ID: QC1265565	Batch: 373801
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1265565 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3607	0.4000	mg/L	90%		80-120
Calcium	18.56	20.40	mg/L	91%		80-120
Iron	0.3745	0.4000	mg/L	94%		80-120
Magnesium	19.37	20.40	mg/L	95%		80-120
Manganese	0.3694	0.4000	mg/L	92%		80-120
Potassium	22.07	24.00	mg/L	92%		80-120
Sodium	18.73	20.40	mg/L	92%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1265566	Batch: 373801
Matrix (Source ID): Water (535279-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1265566 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.5956	0.2185	0.4000	mg/L	94%		75-125	1
Calcium	251.6	234.8	20.40	mg/L	83%	NM	75-125	1
Iron	1.281	0.9269	0.4000	mg/L	89%		75-125	1
Magnesium	52.24	33.09	20.40	mg/L	94%		75-125	1
Manganese	0.9733	0.6111	0.4000	mg/L	91%		75-125	1
Potassium	26.53	2.818	24.00	mg/L	99%		75-125	1
Sodium	418.5	401.9	20.40	mg/L	81%	NM	75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1265567	Batch: 373801
Matrix (Source ID): Water (535279-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1265567 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.5955	0.2185	0.4000	mg/L	94%		75-125	0	20	1
Calcium	251.1	234.8	20.40	mg/L	80%	NM	75-125	0	20	1
Iron	1.283	0.9269	0.4000	mg/L	89%		75-125	0	22	1
Magnesium	52.04	33.09	20.40	mg/L	93%		75-125	0	20	1
Manganese	0.9711	0.6111	0.4000	mg/L	90%		75-125	0	20	1
Potassium	26.46	2.818	24.00	mg/L	99%		75-125	0	20	1
Sodium	418.3	401.9	20.40	mg/L	80%	NM	75-125	0	20	1

Type: Serial Dilution	Lab ID: QC1265613	Batch: 373801
Matrix (Source ID): Water (535279-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1265613 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	0.2123	0.2185	mg/L	J			5
Calcium	240.4	234.8	mg/L				5
Iron	0.9579	0.9269	mg/L				5
Magnesium	33.96	33.09	mg/L				5
Manganese	0.6296	0.6111	mg/L				5
Potassium	2.624	2.818	mg/L				5
Sodium	411.2	401.9	mg/L				5

Batch QC

Type: Lab Control Sample	Lab ID: QC1267030	Batch: 374210
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1267030 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	51.29	50.00	ug/L	103%		69-128
MTBE	50.00	50.00	ug/L	100%		66-125
Benzene	49.54	50.00	ug/L	99%		76-121
Trichloroethene	50.99	50.00	ug/L	102%		76-124
Toluene	49.95	50.00	ug/L	100%		76-120
Chlorobenzene	49.35	50.00	ug/L	99%		78-120
Surrogates						
Dibromofluoromethane	50.69	50.00	ug/L	101%		70-130
1,2-Dichloroethane-d4	50.14	50.00	ug/L	100%		70-130
Toluene-d8	49.82	50.00	ug/L	100%		70-130
Bromofluorobenzene	48.98	50.00	ug/L	98%		70-130

Batch QC

Type: Blank	Lab ID: QC1267035	Batch: 374210
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1267035 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.3	06/18/25	06/18/25
Freon 12	ND		ug/L	5.0	0.3	06/18/25	06/18/25
Chloromethane	ND		ug/L	5.0	0.4	06/18/25	06/18/25
Vinyl Chloride	ND		ug/L	5.0	0.2	06/18/25	06/18/25
Bromomethane	ND		ug/L	5.0	0.2	06/18/25	06/18/25
Chloroethane	ND		ug/L	5.0	0.3	06/18/25	06/18/25
Trichlorofluoromethane	ND		ug/L	5.0	0.2	06/18/25	06/18/25
Acetone	ND		ug/L	100	44	06/18/25	06/18/25
Freon 113	ND		ug/L	5.0	0.1	06/18/25	06/18/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	06/18/25	06/18/25
Methylene Chloride	ND		ug/L	5.0	3.5	06/18/25	06/18/25
MTBE	ND		ug/L	5.0	0.1	06/18/25	06/18/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	06/18/25	06/18/25
1,1-Dichloroethane	ND		ug/L	5.0	0.08	06/18/25	06/18/25
2-Butanone	ND		ug/L	100	2.3	06/18/25	06/18/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	06/18/25	06/18/25
2,2-Dichloropropane	ND		ug/L	5.0	0.2	06/18/25	06/18/25
Chloroform	ND		ug/L	5.0	0.1	06/18/25	06/18/25
Bromochloromethane	ND		ug/L	5.0	0.2	06/18/25	06/18/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	06/18/25	06/18/25
1,1-Dichloropropene	ND		ug/L	5.0	0.2	06/18/25	06/18/25
Carbon Tetrachloride	ND		ug/L	5.0	0.2	06/18/25	06/18/25
1,2-Dichloroethane	ND		ug/L	5.0	0.1	06/18/25	06/18/25
Benzene	ND		ug/L	5.0	0.1	06/18/25	06/18/25
Trichloroethene	ND		ug/L	5.0	0.1	06/18/25	06/18/25
1,2-Dichloropropane	ND		ug/L	5.0	0.1	06/18/25	06/18/25
Bromodichloromethane	ND		ug/L	5.0	0.1	06/18/25	06/18/25
Dibromomethane	ND		ug/L	5.0	0.2	06/18/25	06/18/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	06/18/25	06/18/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	06/18/25	06/18/25
Toluene	ND		ug/L	5.0	0.3	06/18/25	06/18/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	06/18/25	06/18/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	06/18/25	06/18/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	06/18/25	06/18/25
Tetrachloroethene	ND		ug/L	5.0	0.2	06/18/25	06/18/25
Dibromochloromethane	ND		ug/L	5.0	0.1	06/18/25	06/18/25
1,2-Dibromoethane	ND		ug/L	5.0	0.1	06/18/25	06/18/25
Chlorobenzene	ND		ug/L	5.0	0.1	06/18/25	06/18/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	06/18/25	06/18/25
Ethylbenzene	ND		ug/L	5.0	0.07	06/18/25	06/18/25
m,p-Xylenes	ND		ug/L	10	0.1	06/18/25	06/18/25
o-Xylene	ND		ug/L	5.0	0.09	06/18/25	06/18/25
Styrene	ND		ug/L	5.0	0.2	06/18/25	06/18/25
Bromoform	ND		ug/L	5.0	0.2	06/18/25	06/18/25
Isopropylbenzene	ND		ug/L	5.0	0.09	06/18/25	06/18/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	06/18/25	06/18/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	06/18/25	06/18/25

Batch QC

QC1267035 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.09	06/18/25	06/18/25
Bromobenzene	ND		ug/L	5.0	0.1	06/18/25	06/18/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	06/18/25	06/18/25
2-Chlorotoluene	ND		ug/L	5.0	0.08	06/18/25	06/18/25
4-Chlorotoluene	ND		ug/L	5.0	0.1	06/18/25	06/18/25
tert-Butylbenzene	ND		ug/L	5.0	0.09	06/18/25	06/18/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	06/18/25	06/18/25
sec-Butylbenzene	ND		ug/L	5.0	0.09	06/18/25	06/18/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	06/18/25	06/18/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	06/18/25	06/18/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	06/18/25	06/18/25
n-Butylbenzene	ND		ug/L	5.0	0.1	06/18/25	06/18/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	06/18/25	06/18/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	06/18/25	06/18/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	06/18/25	06/18/25
Hexachlorobutadiene	ND		ug/L	5.0	0.09	06/18/25	06/18/25
Naphthalene	ND		ug/L	5.0	0.5	06/18/25	06/18/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	06/18/25	06/18/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	06/18/25	06/18/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	06/18/25	06/18/25
Xylene (total)	ND		ug/L	5.0		06/18/25	06/18/25
Surrogates				Limits			
Dibromofluoromethane	103%		%REC	70-130		06/18/25	06/18/25
1,2-Dichloroethane-d4	103%		%REC	70-130		06/18/25	06/18/25
Toluene-d8	101%		%REC	70-130		06/18/25	06/18/25
Bromofluorobenzene	103%		%REC	70-130		06/18/25	06/18/25

Type: Matrix Spike	Lab ID: QC1267109	Batch: 374210
Matrix (Source ID): Water (535642-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1267109 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	20.43	ND	20.00	ug/L	102%		62-131	1
MTBE	19.37	ND	20.00	ug/L	97%		61-124	1
Benzene	19.65	ND	20.00	ug/L	98%		70-123	1
Trichloroethene	20.94	ND	20.00	ug/L	105%		65-131	1
Toluene	19.75	ND	20.00	ug/L	99%		69-120	1
Chlorobenzene	19.59	ND	20.00	ug/L	98%		72-121	1
Surrogates								
Dibromofluoromethane	51.89		50.00	ug/L	104%		70-130	1
1,2-Dichloroethane-d4	51.81		50.00	ug/L	104%		70-130	1
Toluene-d8	48.87		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: QC1267110	Batch: 374210
Matrix (Source ID): Water (535642-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1267110 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	19.25	ND	20.00	ug/L	96%		62-131	6	31	1
MTBE	18.92	ND	20.00	ug/L	95%		61-124	2	30	1
Benzene	18.61	ND	20.00	ug/L	93%		70-123	5	31	1
Trichloroethene	20.31	ND	20.00	ug/L	102%		65-131	3	31	1
Toluene	19.17	ND	20.00	ug/L	96%		69-120	3	29	1
Chlorobenzene	19.32	ND	20.00	ug/L	97%		72-121	1	29	1
Surrogates										
Dibromofluoromethane	51.39		50.00	ug/L	103%		70-130			1
1,2-Dichloroethane-d4	50.73		50.00	ug/L	101%		70-130			1
Toluene-d8	50.10		50.00	ug/L	100%		70-130			1
Bromofluorobenzene	48.61		50.00	ug/L	97%		70-130			1

Type: Blank	Lab ID: QC1265827	Batch: 373873
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1265827 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.95	06/13/25	06/16/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		06/13/25	06/16/25

Type: Lab Control Sample	Lab ID: QC1265828	Batch: 373873
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1265828 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	9.614	10.00	ug/L	96%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.22	10.00	ug/L	102%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1265829	Batch: 373873
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1265829 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	10.29	10.00	ug/L	103%		79-120	7	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.44	10.00	ug/L	104%		80-120		

Type: Blank	Lab ID: QC1266870	Batch: 374159
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1266870 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		06/17/25	06/17/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1266871	Batch: 374159
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1266871 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1266872	Batch: 374159
Matrix (Source ID): Water (535508-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1266872 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.7000	ND	1.000	mg/L	70%	*	80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1266873	Batch: 374159
Matrix (Source ID): Water (535508-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1266873 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Sulfide	0.7000	ND	1.000	mg/L	70%	*	80-120	0	20	1

Type: Blank	Lab ID: QC1266723	Batch: 374109
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1266723 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.68	06/17/25	06/17/25

Type: Lab Control Sample	Lab ID: QC1266724	Batch: 374109
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1266724 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	25.15	25.00	mg/L	101%		85-115

Type: Matrix Spike	Lab ID: QC1266725	Batch: 374109
Matrix (Source ID): Water (535279-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1266725 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	29.18	1.099	25.00	mg/L	112%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1266726	Batch: 374109
Matrix (Source ID): Water (535279-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1266726 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Total Organic Carbon	29.98	1.099	25.00	mg/L	116%		75-125	3	25	1

Batch QC

Type: Blank	Lab ID: QC1266137	Batch: 373913
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1266137 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		06/13/25	06/13/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		06/13/25	06/13/25

Type: Lab Control Sample	Lab ID: QC1266138	Batch: 373913
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1266138 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	1,000	1000	mg/L	100%		90-110

Type: Sample Duplicate	Lab ID: QC1266139	Batch: 373913
Matrix (Source ID): Water (535279-001)	Method: SM2320B	Prep Method: METHOD

QC1266139 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	196.5	198.0	mg/L		1	20	2.5
Alkalinity, Total as CaCO ₃	196.5	198.0	mg/L		1	20	2.5

Type: Blank	Lab ID: QC1265569	Batch: 373802
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1265569 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	5.0		06/12/25	06/15/25

Type: Lab Control Sample	Lab ID: QC1265570	Batch: 373802
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1265570 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,007	1000	mg/L	101%		90-110

Type: Sample Duplicate	Lab ID: QC1265571	Batch: 373802
Matrix (Source ID): Water (535148-001)	Method: SM2540C	Prep Method: METHOD

QC1265571 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	1,148	1116	mg/L		3	5	2

Type: Sample Duplicate	Lab ID: QC1265572	Batch: 373802
Matrix (Source ID): Water (535234-001)	Method: SM2540C	Prep Method: METHOD

QC1265572 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	1,510	1476	mg/L		2	5	2

Batch QC

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

Laboratory Job Number 535279

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2506873

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-535279

Project Location:

Project Received: 06/13/2025

Analytical Report reviewed & approved for release on 06/18/2025 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: 2506873

Project: EO-535279

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: 2506873

Project: EO-535279

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: 06/13/2025 9:29
Date Prepared: 06/18/2025
Project: EO-535279

WorkOrder: 2506873
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	2506873-001A	Water	06/11/2025 07:37	GC26 0618250906.D	319633

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	14,000	500	500	10	06/18/2025 10:57

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-30	2506873-002A	Water	06/11/2025 08:30	GC26 0618250908.D	319633

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	2900	100	100	2	06/18/2025 11:28

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-17	2506873-003A	Water	06/11/2025 09:41	GC26 0618250910.D	319633

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	500	50	50	1	06/18/2025 11:55

Analyst(s): CLO

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 06/13/2025 9:29
Date Prepared: 06/18/2025
Project: EO-535279

WorkOrder: 2506873
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	2506873-004A	Water	06/11/2025 11:12	GC26 0618250911.D	319633

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	490	50	50	1	06/18/2025 13:25

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
PZ-4	2506873-005A	Water	06/11/2025 12:21	GC26 0618250913.D	319633

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	13,000	500	500	10	06/18/2025 13:55

Analyst(s): CLO



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 06/18/2025
Date Analyzed: 06/18/2025
Instrument: GC26
Matrix: Water
Project: EO-535279

WorkOrder: 2506873
BatchID: 319633
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-319633

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	72	73	70-130	1.23	30

McC Campbell Analytical, Inc.

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

☐ WaterTrax ☐ CLIP ☐ EDF

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2506873 ClientCode: ENO QuoteID: 243367
☐ 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-535279

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: 06/13/2025
Date Logged: 06/13/2025

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2506873-001	DW-15	Water	6/11/2025 07:37	☐	A	A										
2506873-002	DW-30	Water	6/11/2025 08:30	☐	A	A										
2506873-003	DW-17	Water	6/11/2025 09:41	☐	A	A										
2506873-004	DW-14	Water	6/11/2025 11:12	☐	A	A										
2506873-005	PZ-4	Water	6/11/2025 12:21	☐	A	A										

Test Legend:

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

Project Manager: Yen Cao 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-535279

Work Order: 2506873

Client Contact: Zach Barker

QC Level: LEVEL 2

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

Comments:

Date Logged: 6/13/2025

☐ 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	☐	☐	☐	6/11/2025 7:37	3 days	6/18/2025	Present	☐	☐
002A	DW-30	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	6/11/2025 8:30	3 days	6/18/2025	Present	☐	☐
003A	DW-17	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	6/11/2025 9:41	3 days	6/18/2025	Present	☐	☐
004A	DW-14	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	6/11/2025 11:12	3 days	6/18/2025	None	☐	☐
005A	PZ-4	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	6/11/2025 12:21	3 days	6/18/2025	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.

2506873



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-535279

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:

Chiquia Canyon Landfill

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-15	11-JUN-2025 07:37	535279-001	3	Water	RSK-175 CO2	
DW-30	11-JUN-2025 08:30	535279-002	3	Water	RSK-175 CO2	
DW-17	11-JUN-2025 09:41	535279-003	3	Water	RSK-175 CO2	
DW-14	11-JUN-2025 11:12	535279-004	3	Water	RSK-175 CO2	
PZ-4	11-JUN-2025 12:21	535279-005	3	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	<i>J. Quistgen EA-ORA</i>	
	Date: <i>6/12/25 1520</i>	Date:
		<i>Emily Ro</i>
	Date:	Date: <i>6/13/25 0929</i>
	Date:	Date:

FedEx: 881993334519

1.0 wet
1R39



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-535279

Date and Time Received: 6/13/2025 09:29

Date Logged: 6/13/2025

Received by: Emily Perez

Logged by: Emily Perez

WorkOrder No: 2506873 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 ☒

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: Sample 2506873-001A with method RSK175 (CO2) was received unpreserved. Sample 2506873-002A with method RSK175 (CO2) was received unpreserved. Sample 2506873-003A with method RSK175 (CO2) was received unpreserved. Sample 2506873-004A with method RSK175 (CO2) was received unpreserved. Sample 2506873-005A with method RSK175 (CO2) was received unpreserved.



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

enthalpy.com

Lab Job Number : 535357
Report Level : II
Report Date : 06/27/2025

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, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197



Sample Summary

Steve Cassulo	Lab Job #:	535357
Waste Connections	Project No:	GW MONITORING
Chiquita Canyon Landfill	Location:	Chiquita Canyon Landfill / Quarterly MPars
29201 Henry Mayo	Date Received:	06/12/25
Drive		
Castaic, CA 91384		

Sample ID	Lab ID	Collected	Matrix
DW-1	535357-001	06/12/25 08:28	Water
DW-16	535357-002	06/12/25 09:31	Water
DW-3	535357-003	06/12/25 10:43	Water
QCFB	535357-004	06/12/25 08:41	Water
QCTB	535357-005	06/12/25 00:00	Water

Case Narrative

Waste Connections	Lab Job Number: 535357
Chiquita Canyon Landfill	Project No: GW MONITORING
29201 Henry Mayo Drive	Location: Chiquita Canyon Landfill / Quarterly
Castaic, CA 91384	MPars
Steve Cassulo	Date Received: 06/12/25

This data package contains sample and QC results for five water samples, requested for the above referenced project on 06/12/25. 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):

- High recoveries were observed for a number of analytes in the MS/MSD of DW-1 (lab # 535357-001); the LCS was within limits.
- Responses exceeding the instrument's linear range were observed for chloride and sulfate in the MS/MSD for batch 373888 and the MS/MSD of DW-1 (lab # 535357-001); 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 374159; 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):

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

Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Chain of Custody Record

Lab No: 535357
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

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

Sample Receipt Temp:
18.11 +0.1
4.5/4.2
(lab use only)

CUSTOMER 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:

PROJECT INFORMATION

Name: Steve Cassulo
Number: 661-257-3655
P.O. #:
Address:
Global ID: L10003464243
Sampled By: Paul Chang

Analysis Request

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
X	X	X	X	X	X	X	X	X

Test Instructions / Comments

Quarterly MPars

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

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
1 DW-1	6/12/25	828	W	13	var.
2 DW-16	↓	931	↓	13	↓
3 DW-3	↓	1043	↓	13	↓
4 QCFB	↓	841	↓	3	↓
5 QCTB	—	—	↓	2	↓
6					
7					
8					
9					
10					



login 535357



	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Paul Chang	CEI	6-12-25 12:20
¹ Received By:		Alice Tahmasian	EA/INH	6-12-25 12:20
² Relinquished By:		Alice Tahmasian	EA/INH	6-13-25 9:30
² Received By:		Gemma O.	EA/INH	6/13/25 9:30
³ Relinquished By:		Gemma O.	EA/INH	6/13/25 11:18
³ Received By:		JERBERT QUINTANA	EA-ORA	6/13/25 1200

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 06-12-25 WO# 535357 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 6-12-25 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: IR03 CF: 0.7

Cooler Temp (°C) #1: 18.2 / 17.5 #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)

ENTHALPY

Date Received: 6/13/25 WO# 535357 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 6/13/25 By (initials) VRW 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: 11211 CF: 10.1

Cooler Temp (°C) #1: 4.5 / 4.6 #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?

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 6/12/25 By (print) FPD (sign)

Date Labeled 6/12/25 By (print) JRQ (sign)

Analysis Results for 535357

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

Lab Job #: 535357
Project No: GW MONITORING
Location: Chiquita Canyon Landfill / Quarterly MPars
Date Received: 06/12/25

Sample ID: DW-1

Lab ID: 535357-001

Collected: 06/12/25 08:28

Matrix: Water

535357-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.82		mg/L	0.20	0.073	1	373888	06/13/25 13:39	06/13/25 14:41	SSN
Chloride	110		mg/L	1.0	0.27	1	373888	06/13/25 13:39	06/13/25 14:41	SSN
Bromide	0.27	J	mg/L	0.30	0.060	1	373888	06/13/25 13:39	06/13/25 14:41	SSN
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	373888	06/13/25 13:39	06/13/25 14:41	SSN
Sulfate	370		mg/L	10	1.8	10	373888	06/13/25 13:39	06/13/25 15:32	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	374483	06/20/25	06/23/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	374561	06/22/25	06/22/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.23		mg/L	0.050	0.0062	1	373951	06/14/25	06/15/25	KCD
Calcium	59		mg/L	1.0	0.57	1	373951	06/14/25	06/15/25	KCD
Iron	ND		mg/L	0.10	0.041	1	373951	06/14/25	06/15/25	KCD
Magnesium	11		mg/L	0.10	0.025	1	373951	06/14/25	06/15/25	KCD
Manganese	0.049		mg/L	0.010	0.0029	1	373951	06/14/25	06/15/25	KCD
Potassium	2.5		mg/L	0.50	0.42	1	373951	06/14/25	06/15/25	KCD
Sodium	230		mg/L	0.50	0.34	1	373951	06/14/25	06/15/25	KCD
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	374211	06/18/25	06/18/25	HMN
Freon 12	0.4	J	ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	HMN
Chloromethane	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	HMN
Vinyl Chloride	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
Bromomethane	ND		ug/L	5.0	0.4	1	374211	06/18/25	06/18/25	HMN
Chloroethane	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	HMN
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	374211	06/18/25	06/18/25	HMN
Acetone	ND		ug/L	100	21	1	374211	06/18/25	06/18/25	HMN
Freon 113	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	374211	06/18/25	06/18/25	HMN
Methylene Chloride	ND		ug/L	5.0	2.4	1	374211	06/18/25	06/18/25	HMN
MTBE	ND		ug/L	5.0	0.09	1	374211	06/18/25	06/18/25	HMN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
1,1-Dichloroethane	0.2	J	ug/L	5.0	0.09	1	374211	06/18/25	06/18/25	HMN
2-Butanone	ND		ug/L	100	1.7	1	374211	06/18/25	06/18/25	HMN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	HMN
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
Chloroform	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN

Analysis Results for 535357

535357-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	HMN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	374211	06/18/25	06/18/25	HMN
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	HMN
Benzene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
Trichloroethene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	HMN
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
Bromodichloromethane	ND		ug/L	5.0	0.08	1	374211	06/18/25	06/18/25	HMN
Dibromomethane	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	HMN
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	374211	06/18/25	06/18/25	HMN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	374211	06/18/25	06/18/25	HMN
Toluene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	HMN
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
Tetrachloroethene	0.2	J	ug/L	5.0	0.09	1	374211	06/18/25	06/18/25	HMN
Dibromochloromethane	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	374211	06/18/25	06/18/25	HMN
Chlorobenzene	ND		ug/L	5.0	0.09	1	374211	06/18/25	06/18/25	HMN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
Ethylbenzene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
m,p-Xylenes	ND		ug/L	10	0.2	1	374211	06/18/25	06/18/25	HMN
o-Xylene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
Styrene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
Bromoform	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	HMN
Isopropylbenzene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	HMN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	HMN
Propylbenzene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	HMN
Bromobenzene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	HMN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	HMN
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	HMN
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	HMN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	HMN
n-Butylbenzene	ND		ug/L	5.0	0.4	1	374211	06/18/25	06/18/25	HMN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	HMN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	HMN
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	374211	06/18/25	06/18/25	HMN
Naphthalene	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	HMN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	HMN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	374211	06/18/25	06/18/25	HMN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	HMN
Xylene (total)	ND		ug/L	5.0		1	374211	06/18/25	06/18/25	HMN
Surrogates			Limits							
Dibromofluoromethane	102%		%REC	70-130		1	374211	06/18/25	06/18/25	HMN

Analysis Results for 535357

535357-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	98%		%REC	70-130		1	374211	06/18/25	06/18/25	HMN
Toluene-d8	103%		%REC	70-130		1	374211	06/18/25	06/18/25	HMN
Bromofluorobenzene	101%		%REC	70-130		1	374211	06/18/25	06/18/25	HMN

Method: EPA 8270C-SIM

Prep Method: EPA 3535

1,4-Dioxane	ND		ug/L	1.0	0.95	1	373873	06/13/25	06/16/25	TJW

Surrogates

Limits

1,4-Dioxane-d8 (SUR)	108%		%REC	80-120		1	373873	06/13/25	06/16/25	TJW

Method: SM 4500-S2-D

Prep Method: METHOD

Sulfide	ND		mg/L	0.10		1	374159	06/17/25	06/17/25	TXC

Method: SM 5310B

Prep Method: SM 5310B

Total Organic Carbon	0.98	J	mg/L	1.0	0.68	1	374109	06/17/25	06/17/25	CKN

Method: SM2320B

Prep Method: METHOD

Alkalinity, Bicarbonate, as CaCO3	200		mg/L	5.0		2.5	373913	06/13/25	06/13/25	WWC
Alkalinity, Total as CaCO3	200		mg/L	5.0		2.5	373913	06/13/25	06/13/25	WWC

Method: SM2540C

Prep Method: METHOD

Total Dissolved Solids	920		mg/L	20		2	373977	06/15/25	06/18/25	RDL

Analysis Results for 535357

Sample ID: DW-16
Lab ID: 535357-002
Collected: 06/12/25 09:31
Matrix: Water

535357-002 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	373888	06/13/25 13:39	06/13/25 15:49	SSN
Chloride	110		mg/L	1.0	0.27	1	373888	06/13/25 13:39	06/13/25 15:49	SSN
Bromide	0.23	J	mg/L	0.30	0.060	1	373888	06/13/25 13:39	06/13/25 15:49	SSN
Nitrogen, Nitrate	2.3		mg/L	0.10	0.05	1	373888	06/13/25 13:39	06/13/25 15:49	SSN
Sulfate	190		mg/L	10	1.8	10	373888	06/13/25 13:39	06/13/25 16:06	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	0.056	J	mg/L	0.10	0.050	1	374483	06/20/25	06/23/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	374561	06/22/25	06/22/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.13		mg/L	0.050	0.0055	1	373951	06/14/25	06/15/25	KCD
Calcium	7.2		mg/L	1.0	0.57	1	373951	06/14/25	06/15/25	KCD
Iron	ND		mg/L	0.10	0.041	1	373951	06/14/25	06/15/25	KCD
Magnesium	0.40		mg/L	0.10	0.025	1	373951	06/14/25	06/15/25	KCD
Manganese	ND		mg/L	0.010	0.0029	1	373951	06/14/25	06/15/25	KCD
Potassium	0.95		mg/L	0.50	0.42	1	373951	06/14/25	06/15/25	KCD
Sodium	250		mg/L	0.50	0.34	1	373951	06/14/25	06/15/25	KCD
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	374211	06/18/25	06/18/25	HMN
Freon 12	0.4	J	ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	HMN
Chloromethane	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	HMN
Vinyl Chloride	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
Bromomethane	ND		ug/L	5.0	0.4	1	374211	06/18/25	06/18/25	HMN
Chloroethane	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	HMN
Trichlorofluoromethane	0.1	J	ug/L	5.0	0.08	1	374211	06/18/25	06/18/25	HMN
Acetone	ND		ug/L	100	21	1	374211	06/18/25	06/18/25	HMN
Freon 113	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	374211	06/18/25	06/18/25	HMN
Methylene Chloride	ND		ug/L	5.0	2.4	1	374211	06/18/25	06/18/25	HMN
MTBE	ND		ug/L	5.0	0.09	1	374211	06/18/25	06/18/25	HMN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
1,1-Dichloroethane	1.2	J	ug/L	5.0	0.09	1	374211	06/18/25	06/18/25	HMN
2-Butanone	ND		ug/L	100	1.7	1	374211	06/18/25	06/18/25	HMN
cis-1,2-Dichloroethene	0.7	J	ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	HMN
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
Chloroform	0.1	J	ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
Bromochloromethane	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	HMN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	374211	06/18/25	06/18/25	HMN
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	HMN

Analysis Results for 535357

535357-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	0.2	J	ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
Trichloroethene	0.7	J	ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	HMN
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
Bromodichloromethane	ND		ug/L	5.0	0.08	1	374211	06/18/25	06/18/25	HMN
Dibromomethane	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	HMN
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	374211	06/18/25	06/18/25	HMN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	374211	06/18/25	06/18/25	HMN
Toluene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	HMN
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
Tetrachloroethene	0.6	J	ug/L	5.0	0.09	1	374211	06/18/25	06/18/25	HMN
Dibromochloromethane	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	374211	06/18/25	06/18/25	HMN
Chlorobenzene	ND		ug/L	5.0	0.09	1	374211	06/18/25	06/18/25	HMN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
Ethylbenzene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
m,p-Xylenes	ND		ug/L	10	0.2	1	374211	06/18/25	06/18/25	HMN
o-Xylene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
Styrene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
Bromoform	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	HMN
Isopropylbenzene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	HMN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	HMN
Propylbenzene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	HMN
Bromobenzene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	HMN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	HMN
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	HMN
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	HMN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
1,4-Dichlorobenzene	0.2	J	ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	HMN
n-Butylbenzene	ND		ug/L	5.0	0.4	1	374211	06/18/25	06/18/25	HMN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	HMN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	HMN
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	374211	06/18/25	06/18/25	HMN
Naphthalene	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	HMN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	HMN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	374211	06/18/25	06/18/25	HMN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	HMN
Xylene (total)	ND		ug/L	5.0		1	374211	06/18/25	06/18/25	HMN
Surrogates			Limits							
Dibromofluoromethane	105%		%REC	70-130		1	374211	06/18/25	06/18/25	HMN
1,2-Dichloroethane-d4	102%		%REC	70-130		1	374211	06/18/25	06/18/25	HMN
Toluene-d8	100%		%REC	70-130		1	374211	06/18/25	06/18/25	HMN
Bromofluorobenzene	101%		%REC	70-130		1	374211	06/18/25	06/18/25	HMN

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 535357

535357-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	373873	06/13/25	06/16/25	TJW
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	107%		%REC	80-120		1	373873	06/13/25	06/16/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	374159	06/17/25	06/17/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	4.2		mg/L	1.0	0.68	1	374109	06/17/25	06/17/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	250		mg/L	5.0		2.5	373913	06/13/25	06/13/25	WWC
Alkalinity, Total as CaCO3	250		mg/L	5.0		2.5	373913	06/13/25	06/13/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	710		mg/L	20		2	373977	06/15/25	06/18/25	RDL

Analysis Results for 535357

Sample ID: DW-3
Lab ID: 535357-003
Collected: 06/12/25 10:43
Matrix: Water

535357-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.71		mg/L	0.20	0.073	1	373888	06/13/25 13:39	06/13/25 16:23	SSN
Chloride	56		mg/L	1.0	0.27	1	373888	06/13/25 13:39	06/13/25 16:23	SSN
Bromide	0.15	J	mg/L	0.30	0.060	1	373888	06/13/25 13:39	06/13/25 16:23	SSN
Nitrogen, Nitrate	1.8		mg/L	0.10	0.05	1	373888	06/13/25 13:39	06/13/25 16:23	SSN
Sulfate	100		mg/L	10	1.8	10	373888	06/13/25 13:39	06/13/25 17:13	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	374483	06/20/25	06/23/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	374561	06/22/25	06/22/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.26		mg/L	0.050	0.0055	1	373951	06/14/25	06/15/25	KCD
Calcium	35		mg/L	1.0	0.57	1	373951	06/14/25	06/15/25	KCD
Iron	ND		mg/L	0.10	0.041	1	373951	06/14/25	06/15/25	KCD
Magnesium	4.2		mg/L	0.10	0.025	1	373951	06/14/25	06/15/25	KCD
Manganese	ND		mg/L	0.010	0.0029	1	373951	06/14/25	06/15/25	KCD
Potassium	1.9		mg/L	0.50	0.42	1	373951	06/14/25	06/15/25	KCD
Sodium	120		mg/L	0.50	0.34	1	373951	06/14/25	06/15/25	KCD
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	374211	06/18/25	06/18/25	EJB
Freon 12	4.1	J	ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
Chloromethane	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	EJB
Vinyl Chloride	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
Bromomethane	ND		ug/L	5.0	0.4	1	374211	06/18/25	06/18/25	EJB
Chloroethane	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	EJB
Trichlorofluoromethane	0.1	J	ug/L	5.0	0.08	1	374211	06/18/25	06/18/25	EJB
Acetone	ND		ug/L	100	21	1	374211	06/18/25	06/18/25	EJB
Freon 113	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	374211	06/18/25	06/18/25	EJB
Methylene Chloride	ND		ug/L	5.0	2.4	1	374211	06/18/25	06/18/25	EJB
MTBE	ND		ug/L	5.0	0.09	1	374211	06/18/25	06/18/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
1,1-Dichloroethane	0.2	J	ug/L	5.0	0.09	1	374211	06/18/25	06/18/25	EJB
2-Butanone	ND		ug/L	100	1.7	1	374211	06/18/25	06/18/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
Chloroform	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
Bromochloromethane	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	374211	06/18/25	06/18/25	EJB
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB

Analysis Results for 535357

535357-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
Trichloroethene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
Bromodichloromethane	ND		ug/L	5.0	0.08	1	374211	06/18/25	06/18/25	EJB
Dibromomethane	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	374211	06/18/25	06/18/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	374211	06/18/25	06/18/25	EJB
Toluene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
Tetrachloroethene	0.8	J	ug/L	5.0	0.09	1	374211	06/18/25	06/18/25	EJB
Dibromochloromethane	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	374211	06/18/25	06/18/25	EJB
Chlorobenzene	ND		ug/L	5.0	0.09	1	374211	06/18/25	06/18/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
Ethylbenzene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
m,p-Xylenes	ND		ug/L	10	0.2	1	374211	06/18/25	06/18/25	EJB
o-Xylene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
Styrene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
Bromoform	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
Isopropylbenzene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
Propylbenzene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
Bromobenzene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
n-Butylbenzene	ND		ug/L	5.0	0.4	1	374211	06/18/25	06/18/25	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	EJB
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	374211	06/18/25	06/18/25	EJB
Naphthalene	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	374211	06/18/25	06/18/25	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	EJB
Xylene (total)	ND		ug/L	5.0		1	374211	06/18/25	06/18/25	EJB
Surrogates			Limits							
Dibromofluoromethane	104%		%REC	70-130		1	374211	06/18/25	06/18/25	EJB
1,2-Dichloroethane-d4	101%		%REC	70-130		1	374211	06/18/25	06/18/25	EJB
Toluene-d8	101%		%REC	70-130		1	374211	06/18/25	06/18/25	EJB
Bromofluorobenzene	102%		%REC	70-130		1	374211	06/18/25	06/18/25	EJB

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 535357

535357-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	373873	06/13/25	06/16/25	TJW
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	103%		%REC	80-120		1	373873	06/13/25	06/16/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	374159	06/17/25	06/17/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	374109	06/17/25	06/17/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	190		mg/L	5.0		2.5	373913	06/13/25	06/13/25	WWC
Alkalinity, Total as CaCO3	190		mg/L	5.0		2.5	373913	06/13/25	06/13/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	440		mg/L	20		2	373977	06/15/25	06/18/25	RDL

Analysis Results for 535357

Sample ID: QCFB
Lab ID: 535357-004
Collected: 06/12/25 08:41
Matrix: Water

535357-004 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	0.5	1	374211	06/18/25	06/18/25	EJB
Freon 12	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
Chloromethane	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	EJB
Vinyl Chloride	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
Bromomethane	ND		ug/L	5.0	0.4	1	374211	06/18/25	06/18/25	EJB
Chloroethane	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	EJB
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	374211	06/18/25	06/18/25	EJB
Acetone	ND		ug/L	100	21	1	374211	06/18/25	06/18/25	EJB
Freon 113	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	374211	06/18/25	06/18/25	EJB
Methylene Chloride	6.7		ug/L	5.0	2.4	1	374211	06/18/25	06/18/25	EJB
MTBE	ND		ug/L	5.0	0.09	1	374211	06/18/25	06/18/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	374211	06/18/25	06/18/25	EJB
2-Butanone	ND		ug/L	100	1.7	1	374211	06/18/25	06/18/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
Chloroform	0.7	J	ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
Bromochloromethane	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	374211	06/18/25	06/18/25	EJB
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
Benzene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
Trichloroethene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
Bromodichloromethane	ND		ug/L	5.0	0.08	1	374211	06/18/25	06/18/25	EJB
Dibromomethane	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	374211	06/18/25	06/18/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	374211	06/18/25	06/18/25	EJB
Toluene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
Tetrachloroethene	ND		ug/L	5.0	0.09	1	374211	06/18/25	06/18/25	EJB
Dibromochloromethane	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	374211	06/18/25	06/18/25	EJB
Chlorobenzene	ND		ug/L	5.0	0.09	1	374211	06/18/25	06/18/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
Ethylbenzene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
m,p-Xylenes	ND		ug/L	10	0.2	1	374211	06/18/25	06/18/25	EJB
o-Xylene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
Styrene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
Bromoform	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
Isopropylbenzene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB

Analysis Results for 535357

535357-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
Propylbenzene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
Bromobenzene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
n-Butylbenzene	ND		ug/L	5.0	0.4	1	374211	06/18/25	06/18/25	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	EJB
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	374211	06/18/25	06/18/25	EJB
Naphthalene	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	374211	06/18/25	06/18/25	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	EJB
Xylene (total)	ND		ug/L	5.0		1	374211	06/18/25	06/18/25	EJB
Surrogates	Limits									
Dibromofluoromethane	102%		%REC	70-130		1	374211	06/18/25	06/18/25	EJB
1,2-Dichloroethane-d4	97%		%REC	70-130		1	374211	06/18/25	06/18/25	EJB
Toluene-d8	102%		%REC	70-130		1	374211	06/18/25	06/18/25	EJB
Bromofluorobenzene	100%		%REC	70-130		1	374211	06/18/25	06/18/25	EJB

Analysis Results for 535357

Sample ID: QCTB
Lab ID: 535357-005
Collected: 06/12/25
Matrix: Water

535357-005 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	0.5	1	374211	06/18/25	06/18/25	EJB
Freon 12	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
Chloromethane	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	EJB
Vinyl Chloride	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
Bromomethane	ND		ug/L	5.0	0.4	1	374211	06/18/25	06/18/25	EJB
Chloroethane	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	EJB
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	374211	06/18/25	06/18/25	EJB
Acetone	ND		ug/L	100	21	1	374211	06/18/25	06/18/25	EJB
Freon 113	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	374211	06/18/25	06/18/25	EJB
Methylene Chloride	ND		ug/L	5.0	2.4	1	374211	06/18/25	06/18/25	EJB
MTBE	ND		ug/L	5.0	0.09	1	374211	06/18/25	06/18/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	374211	06/18/25	06/18/25	EJB
2-Butanone	ND		ug/L	100	1.7	1	374211	06/18/25	06/18/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
Chloroform	0.5	J	ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
Bromochloromethane	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	374211	06/18/25	06/18/25	EJB
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
Benzene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
Trichloroethene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
Bromodichloromethane	ND		ug/L	5.0	0.08	1	374211	06/18/25	06/18/25	EJB
Dibromomethane	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	374211	06/18/25	06/18/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	374211	06/18/25	06/18/25	EJB
Toluene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
Tetrachloroethene	ND		ug/L	5.0	0.09	1	374211	06/18/25	06/18/25	EJB
Dibromochloromethane	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	374211	06/18/25	06/18/25	EJB
Chlorobenzene	ND		ug/L	5.0	0.09	1	374211	06/18/25	06/18/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
Ethylbenzene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
m,p-Xylenes	ND		ug/L	10	0.2	1	374211	06/18/25	06/18/25	EJB
o-Xylene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
Styrene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
Bromoform	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
Isopropylbenzene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB

Analysis Results for 535357

535357-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
Propylbenzene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
Bromobenzene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	374211	06/18/25	06/18/25	EJB
n-Butylbenzene	ND		ug/L	5.0	0.4	1	374211	06/18/25	06/18/25	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374211	06/18/25	06/18/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	EJB
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	374211	06/18/25	06/18/25	EJB
Naphthalene	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	374211	06/18/25	06/18/25	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	374211	06/18/25	06/18/25	EJB
Xylene (total)	ND		ug/L	5.0		1	374211	06/18/25	06/18/25	EJB
Surrogates	Limits									
Dibromofluoromethane	102%		%REC	70-130		1	374211	06/18/25	06/18/25	EJB
1,2-Dichloroethane-d4	97%		%REC	70-130		1	374211	06/18/25	06/18/25	EJB
Toluene-d8	102%		%REC	70-130		1	374211	06/18/25	06/18/25	EJB
Bromofluorobenzene	101%		%REC	70-130		1	374211	06/18/25	06/18/25	EJB

J Estimated value
ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1265886	Batch: 373888
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1265886 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	06/13/25 13:39	06/13/25 14:08
Chloride	ND		mg/L	1.0	0.27	06/13/25 13:39	06/13/25 14:08
Bromide	ND		mg/L	0.30	0.060	06/13/25 13:39	06/13/25 14:08
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	06/13/25 13:39	06/13/25 14:08
Sulfate	ND		mg/L	1.0	0.18	06/13/25 13:39	06/13/25 14:08

Type: Lab Control Sample	Lab ID: QC1265887	Batch: 373888
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1265887 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	10.20	10.00	mg/L	102%		90-110
Chloride	48.49	50.00	mg/L	97%		90-110
Bromide	15.38	15.00	mg/L	103%		90-110
Nitrogen, Nitrate	4.686	4.518	mg/L	104%		90-110
Sulfate	25.04	25.00	mg/L	100%		90-110

Type: Matrix Spike	Lab ID: QC1265888	Batch: 373888
Matrix (Source ID): Water (535357-001)	Method: EPA 300.0	Prep Method: METHOD

QC1265888 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	29.45	0.8185	20.00	mg/L	143%	*	80-129	1
Chloride	239.1	114.8	100.0	mg/L	124%	E,*	80-123	1
Bromide	20.78	0.2703	15.00	mg/L	137%	*	80-121	1
Nitrogen, Nitrate	12.66	ND	9.036	mg/L	140%	*	80-123	1
Sulfate	350.4	369.7	50.00	mg/L	-38%	E,NM	79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1265889	Batch: 373888
Matrix (Source ID): Water (535357-001)	Method: EPA 300.0	Prep Method: METHOD

QC1265889 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	28.74	0.8185	20.00	mg/L	140%	*	80-129	2	21	1
Chloride	235.8	114.8	100.0	mg/L	121%	E	80-123		20	1
Bromide	20.20	0.2703	15.00	mg/L	133%	*	80-121	3	20	1
Nitrogen, Nitrate	12.33	ND	9.036	mg/L	136%	*	80-123	3	20	1
Sulfate	349.9	369.7	50.00	mg/L	-39%	E,NM	79-124		20	1

Batch QC

Type: Matrix Spike	Lab ID: QC1265948	Batch: 373888
Matrix (Source ID): Water (535466-001)	Method: EPA 300.0	Prep Method: METHOD

QC1265948 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	23.59	0.3610	20.00	mg/L	116%		80-129	1
Chloride	164.0	54.84	100.0	mg/L	109%		80-123	1
Bromide	16.39	0.1705	15.00	mg/L	108%		80-121	1
Nitrogen, Nitrate	17.44	8.529	9.036	mg/L	99%		80-123	1
Sulfate	140.6	90.50	50.00	mg/L	100%	E	79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1265949	Batch: 373888
Matrix (Source ID): Water (535466-001)	Method: EPA 300.0	Prep Method: METHOD

QC1265949 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	22.09	0.3610	20.00	mg/L	109%		80-129	7	21	1
Chloride	158.6	54.84	100.0	mg/L	104%		80-123	3	20	1
Bromide	15.61	0.1705	15.00	mg/L	103%		80-121	5	20	1
Nitrogen, Nitrate	17.04	8.529	9.036	mg/L	94%		80-123	2	20	1
Sulfate	136.6	90.50	50.00	mg/L	92%	E	79-124		20	1

Type: Blank	Lab ID: QC1267953	Batch: 374483
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1267953 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	06/20/25	06/23/25

Type: Lab Control Sample	Lab ID: QC1267954	Batch: 374483
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1267954 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9415	1.000	mg/L	94%		90-110

Type: Matrix Spike	Lab ID: QC1267962	Batch: 374483
Matrix (Source ID): Water (535279-001)	Method: EPA 350.1	Prep Method: METHOD

QC1267962 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.102	0.1190	1.000	mg/L	98%		90-110	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1267963	Batch: 374483
Matrix (Source ID): Water (535279-001)	Method: EPA 350.1	Prep Method: METHOD

QC1267963 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.087	0.1190	1.000	mg/L	97%		90-110	1	20	1

Type: Matrix Spike	Lab ID: QC1267964	Batch: 374483
Matrix (Source ID): Water (535279-002)	Method: EPA 350.1	Prep Method: METHOD

QC1267964 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9626	ND	1.000	mg/L	96%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1267965	Batch: 374483
Matrix (Source ID): Water (535279-002)	Method: EPA 350.1	Prep Method: METHOD

QC1267965 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.014	ND	1.000	mg/L	101%		90-110	5	20	1

Type: Blank	Lab ID: QC1268268	Batch: 374561
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1268268 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	06/22/25	06/22/25

Type: Lab Control Sample	Lab ID: QC1268269	Batch: 374561
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1268269 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	97.00	100.0	mg/L	97%		90-110

Type: Matrix Spike	Lab ID: QC1268270	Batch: 374561
Matrix (Source ID): Water (535016-001)	Method: EPA 410.4	Prep Method: METHOD

QC1268270 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	100.0	10.00	100.0	mg/L	90%		75-125	2

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1268271	Batch: 374561
Matrix (Source ID): Water (535016-001)	Method: EPA 410.4	Prep Method: METHOD

QC1268271 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Chemical Oxygen Demand	100.0	10.00	100.0	mg/L	90%		75-125	0	20	2

Type: Matrix Spike	Lab ID: QC1268272	Batch: 374561
Matrix (Source ID): Water (535279-001)	Method: EPA 410.4	Prep Method: METHOD

QC1268272 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: QC1268273	Batch: 374561
Matrix (Source ID): Water (535279-001)	Method: EPA 410.4	Prep Method: METHOD

QC1268273 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	2	20	2

Type: Blank	Lab ID: QC1266133	Batch: 373951
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1266133 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0062	06/14/25	06/15/25
Calcium	ND		mg/L	0.57	0.57	06/14/25	06/15/25
Iron	ND		mg/L	0.041	0.041	06/14/25	06/15/25
Magnesium	ND		mg/L	0.10	0.025	06/14/25	06/15/25
Manganese	ND		mg/L	0.010	0.0029	06/14/25	06/15/25
Potassium	ND		mg/L	0.50	0.42	06/14/25	06/15/25
Sodium	ND		mg/L	0.50	0.34	06/14/25	06/15/25

Type: Lab Control Sample	Lab ID: QC1266134	Batch: 373951
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1266134 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.4181	0.4000	mg/L	105%		80-120
Calcium	19.82	20.40	mg/L	97%		80-120
Iron	0.4075	0.4000	mg/L	102%		80-120
Magnesium	20.74	20.40	mg/L	102%		80-120
Manganese	0.3976	0.4000	mg/L	99%		80-120
Potassium	23.83	24.00	mg/L	99%		80-120
Sodium	20.17	20.40	mg/L	99%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1266135	Batch: 373951
Matrix (Source ID): Water (535357-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1266135 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.6312	0.2266	0.4000	mg/L	101%		75-125	1
Calcium	77.47	59.44	20.40	mg/L	88%		75-125	1
Iron	0.4169	ND	0.4000	mg/L	104%		75-125	1
Magnesium	31.60	11.21	20.40	mg/L	100%		75-125	1
Manganese	0.4449	0.04896	0.4000	mg/L	99%		75-125	1
Potassium	26.71	2.532	24.00	mg/L	101%		75-125	1
Sodium	244.6	229.7	20.40	mg/L	73%	NM	75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1266136	Batch: 373951
Matrix (Source ID): Water (535357-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1266136 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.6213	0.2266	0.4000	mg/L	99%		75-125	2	20	1
Calcium	77.56	59.44	20.40	mg/L	89%		75-125	0	20	1
Iron	0.4135	ND	0.4000	mg/L	103%		75-125	1	22	1
Magnesium	31.01	11.21	20.40	mg/L	97%		75-125	2	20	1
Manganese	0.4308	0.04896	0.4000	mg/L	95%		75-125	3	20	1
Potassium	26.02	2.532	24.00	mg/L	98%		75-125	3	20	1
Sodium	247.1	229.7	20.40	mg/L	86%	NM	75-125	1	20	1

Type: Serial Dilution	Lab ID: QC1266197	Batch: 373951
Matrix (Source ID): Water (535357-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1266197 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	0.2235	0.2266	mg/L	J			5
Calcium	58.98	59.44	mg/L				5
Iron	ND	ND	mg/L				5
Magnesium	11.12	11.21	mg/L				5
Manganese	0.04861	0.04896	mg/L	J			5
Potassium	2.336	2.532	mg/L	J			5
Sodium	230.6	229.7	mg/L				5

Batch QC

Type: Lab Control Sample	Lab ID: QC1267036	Batch: 374211
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1267036 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	54.23	50.00	ug/L	108%		69-128
MTBE	49.00	50.00	ug/L	98%		66-125
Benzene	55.18	50.00	ug/L	110%		76-121
Trichloroethene	53.79	50.00	ug/L	108%		76-124
Toluene	54.09	50.00	ug/L	108%		76-120
Chlorobenzene	53.50	50.00	ug/L	107%		78-120
Surrogates						
Dibromofluoromethane	50.78	50.00	ug/L	102%		70-130
1,2-Dichloroethane-d4	52.20	50.00	ug/L	104%		70-130
Toluene-d8	49.38	50.00	ug/L	99%		70-130
Bromofluorobenzene	48.33	50.00	ug/L	97%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1267037	Batch: 374211
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1267037 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	51.16	50.00	ug/L	102%		69-128	6	23
MTBE	47.89	50.00	ug/L	96%		66-125	2	22
Benzene	53.40	50.00	ug/L	107%		76-121	3	21
Trichloroethene	51.10	50.00	ug/L	102%		76-124	5	22
Toluene	51.92	50.00	ug/L	104%		76-120	4	21
Chlorobenzene	51.57	50.00	ug/L	103%		78-120	4	20
Surrogates								
Dibromofluoromethane	49.76	50.00	ug/L	100%		70-130		
1,2-Dichloroethane-d4	49.57	50.00	ug/L	99%		70-130		
Toluene-d8	49.53	50.00	ug/L	99%		70-130		
Bromofluorobenzene	47.75	50.00	ug/L	95%		70-130		

Batch QC

Type: Blank	Lab ID: QC1267041	Batch: 374211
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1267041 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.5	06/18/25	06/18/25
Freon 12	ND		ug/L	5.0	0.2	06/18/25	06/18/25
Chloromethane	ND		ug/L	5.0	0.3	06/18/25	06/18/25
Vinyl Chloride	ND		ug/L	5.0	0.1	06/18/25	06/18/25
Bromomethane	ND		ug/L	5.0	0.4	06/18/25	06/18/25
Chloroethane	ND		ug/L	5.0	0.3	06/18/25	06/18/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	06/18/25	06/18/25
Acetone	ND		ug/L	100	21	06/18/25	06/18/25
Freon 113	ND		ug/L	5.0	0.1	06/18/25	06/18/25
1,1-Dichloroethene	ND		ug/L	5.0	0.08	06/18/25	06/18/25
Methylene Chloride	ND		ug/L	5.0	2.4	06/18/25	06/18/25
MTBE	ND		ug/L	5.0	0.09	06/18/25	06/18/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	06/18/25	06/18/25
1,1-Dichloroethane	ND		ug/L	5.0	0.09	06/18/25	06/18/25
2-Butanone	ND		ug/L	100	1.7	06/18/25	06/18/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	06/18/25	06/18/25
2,2-Dichloropropane	ND		ug/L	5.0	0.1	06/18/25	06/18/25
Chloroform	ND		ug/L	5.0	0.1	06/18/25	06/18/25
Bromochloromethane	ND		ug/L	5.0	0.2	06/18/25	06/18/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	06/18/25	06/18/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	06/18/25	06/18/25
Carbon Tetrachloride	ND		ug/L	5.0	0.1	06/18/25	06/18/25
1,2-Dichloroethane	ND		ug/L	5.0	0.2	06/18/25	06/18/25
Benzene	ND		ug/L	5.0	0.1	06/18/25	06/18/25
Trichloroethene	ND		ug/L	5.0	0.2	06/18/25	06/18/25
1,2-Dichloropropane	ND		ug/L	5.0	0.1	06/18/25	06/18/25
Bromodichloromethane	ND		ug/L	5.0	0.08	06/18/25	06/18/25
Dibromomethane	ND		ug/L	5.0	0.2	06/18/25	06/18/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	06/18/25	06/18/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	06/18/25	06/18/25
Toluene	ND		ug/L	5.0	0.1	06/18/25	06/18/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	06/18/25	06/18/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	06/18/25	06/18/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	06/18/25	06/18/25
Tetrachloroethene	ND		ug/L	5.0	0.09	06/18/25	06/18/25
Dibromochloromethane	ND		ug/L	5.0	0.1	06/18/25	06/18/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	06/18/25	06/18/25
Chlorobenzene	ND		ug/L	5.0	0.09	06/18/25	06/18/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	06/18/25	06/18/25
Ethylbenzene	ND		ug/L	5.0	0.1	06/18/25	06/18/25
m,p-Xylenes	ND		ug/L	10	0.2	06/18/25	06/18/25
o-Xylene	ND		ug/L	5.0	0.1	06/18/25	06/18/25
Styrene	ND		ug/L	5.0	0.1	06/18/25	06/18/25
Bromoform	ND		ug/L	5.0	0.2	06/18/25	06/18/25
Isopropylbenzene	ND		ug/L	5.0	0.1	06/18/25	06/18/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	06/18/25	06/18/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	06/18/25	06/18/25

Batch QC

QC1267041 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.2	06/18/25	06/18/25
Bromobenzene	ND		ug/L	5.0	0.1	06/18/25	06/18/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	06/18/25	06/18/25
2-Chlorotoluene	ND		ug/L	5.0	0.1	06/18/25	06/18/25
4-Chlorotoluene	ND		ug/L	5.0	0.1	06/18/25	06/18/25
tert-Butylbenzene	ND		ug/L	5.0	0.2	06/18/25	06/18/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	06/18/25	06/18/25
sec-Butylbenzene	ND		ug/L	5.0	0.2	06/18/25	06/18/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	06/18/25	06/18/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	06/18/25	06/18/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	06/18/25	06/18/25
n-Butylbenzene	ND		ug/L	5.0	0.4	06/18/25	06/18/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	06/18/25	06/18/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	06/18/25	06/18/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	06/18/25	06/18/25
Hexachlorobutadiene	ND		ug/L	5.0	0.4	06/18/25	06/18/25
Naphthalene	ND		ug/L	5.0	0.3	06/18/25	06/18/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	06/18/25	06/18/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	06/18/25	06/18/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	06/18/25	06/18/25
Xylene (total)	ND		ug/L	5.0		06/18/25	06/18/25
Surrogates				Limits			
Dibromofluoromethane	103%		%REC	70-130		06/18/25	06/18/25
1,2-Dichloroethane-d4	100%		%REC	70-130		06/18/25	06/18/25
Toluene-d8	103%		%REC	70-130		06/18/25	06/18/25
Bromofluorobenzene	103%		%REC	70-130		06/18/25	06/18/25

Type: Matrix Spike	Lab ID: QC1267107	Batch: 374211
Matrix (Source ID): Water (535261-003)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1267107 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	19.36	ND	20.00	ug/L	97%		62-131	1
MTBE	17.60	ND	20.00	ug/L	88%		61-124	1
Benzene	20.28	ND	20.00	ug/L	101%		70-123	1
Trichloroethene	20.99	ND	20.00	ug/L	105%		65-131	1
Toluene	20.42	ND	20.00	ug/L	102%		69-120	1
Chlorobenzene	19.67	ND	20.00	ug/L	98%		72-121	1
Surrogates								
Dibromofluoromethane	49.89		50.00	ug/L	100%		70-130	1
1,2-Dichloroethane-d4	49.03		50.00	ug/L	98%		70-130	1
Toluene-d8	50.72		50.00	ug/L	101%		70-130	1
Bromofluorobenzene	48.50		50.00	ug/L	97%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1267108	Batch: 374211
Matrix (Source ID): Water (535261-003)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1267108 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	18.85	ND	20.00	ug/L	94%		62-131	3	31	1
MTBE	17.83	ND	20.00	ug/L	89%		61-124	1	30	1
Benzene	19.71	ND	20.00	ug/L	99%		70-123	3	31	1
Trichloroethene	19.38	ND	20.00	ug/L	97%		65-131	8	31	1
Toluene	19.45	ND	20.00	ug/L	97%		69-120	5	29	1
Chlorobenzene	19.01	ND	20.00	ug/L	95%		72-121	3	29	1
Surrogates										
Dibromofluoromethane	50.68		50.00	ug/L	101%		70-130			1
1,2-Dichloroethane-d4	50.95		50.00	ug/L	102%		70-130			1
Toluene-d8	49.32		50.00	ug/L	99%		70-130			1
Bromofluorobenzene	48.80		50.00	ug/L	98%		70-130			1

Type: Blank	Lab ID: QC1265827	Batch: 373873
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1265827 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.95	06/13/25	06/16/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		06/13/25	06/16/25

Type: Lab Control Sample	Lab ID: QC1265828	Batch: 373873
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1265828 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	9.614	10.00	ug/L	96%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.22	10.00	ug/L	102%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1265829	Batch: 373873
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1265829 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	10.29	10.00	ug/L	103%		79-120	7	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.44	10.00	ug/L	104%		80-120		

Type: Blank	Lab ID: QC1266870	Batch: 374159
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1266870 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		06/17/25	06/17/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1266871	Batch: 374159
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1266871 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1266872	Batch: 374159
Matrix (Source ID): Water (535508-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1266872 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.7000	ND	1.000	mg/L	70%	*	80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1266873	Batch: 374159
Matrix (Source ID): Water (535508-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1266873 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Sulfide	0.7000	ND	1.000	mg/L	70%	*	80-120	0	20	1

Type: Blank	Lab ID: QC1266723	Batch: 374109
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1266723 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.68	06/17/25	06/17/25

Type: Lab Control Sample	Lab ID: QC1266724	Batch: 374109
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1266724 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	25.15	25.00	mg/L	101%		85-115

Type: Matrix Spike	Lab ID: QC1266725	Batch: 374109
Matrix (Source ID): Water (535279-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1266725 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	29.18	1.099	25.00	mg/L	112%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1266726	Batch: 374109
Matrix (Source ID): Water (535279-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1266726 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Total Organic Carbon	29.98	1.099	25.00	mg/L	116%		75-125	3	25	1

Batch QC

Type: Blank	Lab ID: QC1266137	Batch: 373913
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1266137 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		06/13/25	06/13/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		06/13/25	06/13/25

Type: Lab Control Sample	Lab ID: QC1266138	Batch: 373913
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1266138 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	1,000	1000	mg/L	100%		90-110

Type: Sample Duplicate	Lab ID: QC1266139	Batch: 373913
Matrix (Source ID): Water (535279-001)	Method: SM2320B	Prep Method: METHOD

QC1266139 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	196.5	198.0	mg/L		1	20	2.5
Alkalinity, Total as CaCO ₃	196.5	198.0	mg/L		1	20	2.5

Type: Blank	Lab ID: QC1266230	Batch: 373977
Matrix: Drinking Water	Method: SM2540C	Prep Method: METHOD

QC1266230 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	5.0		06/15/25	06/18/25

Type: Lab Control Sample	Lab ID: QC1266231	Batch: 373977
Matrix: Drinking Water	Method: SM2540C	Prep Method: METHOD

QC1266231 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	995.5	1000	mg/L	100%		90-110

Type: Sample Duplicate	Lab ID: QC1266232	Batch: 373977
Matrix (Source ID): Water (535434-001)	Method: SM2540C	Prep Method: METHOD

QC1266232 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	646.0	644.0	mg/L		0	5	2

Type: Sample Duplicate	Lab ID: QC1266233	Batch: 373977
Matrix (Source ID): Water (535109-001)	Method: SM2540C	Prep Method: METHOD

QC1266233 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	300.0	292.0	mg/L		3	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 535357

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2506A31

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-535357

Project Location:

Project Received: 06/17/2025

Analytical Report reviewed & approved for release on 06/19/2025 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: 2506A31

Project: EO-535357

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: 2506A31

Project: EO-535357

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: 06/17/2025 9:11
Date Prepared: 06/18/2025
Project: EO-535357

WorkOrder: 2506A31
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	2506A31-001A	Water	06/12/2025 08:28	GC26 0618250925.D	319633

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	2800	100	100	2	06/18/2025 17:06

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-16	2506A31-002A	Water	06/12/2025 09:31	GC26 0618250926.D	319633

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	1400	50	50	1	06/18/2025 17:35

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-3	2506A31-003A	Water	06/12/2025 10:43	GC26 0618250928.D	319633

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	4000	200	200	4	06/18/2025 18:00

Analyst(s): CLO



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

Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 06/18/2025
Date Analyzed: 06/18/2025
Instrument: GC26
Matrix: Water
Project: EO-535357

WorkOrder: 2506A31
BatchID: 319633
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-319633

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	72	73	70-130	1.23	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: 2506A31

ClientCode: ENO

QuoteID: 243367

☐ 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-535357

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: 06/17/2025

Date Logged: 06/17/2025

Lab ID	ClientSampleID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2506A31-001	DW-1	Water	6/12/2025 08:28	☐	A	A										
2506A31-002	DW-16	Water	6/12/2025 09:31	☐	A	A										
2506A31-003	DW-3	Water	6/12/2025 10:43	☐	A	A										

Test Legend:

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

Project Manager: Yen Cao

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-535357

Work Order: 2506A31

Client Contact: Zach Barker

QC Level: LEVEL 2

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

Comments

Date Logged: 6/17/2025

☐ 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-1	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	6/12/2025 8:28	2 days	6/19/2025	None	☐	☐
002A	DW-16	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	6/12/2025 9:31	2 days	6/19/2025	None	☐	☐
003A	DW-3	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	6/12/2025 10:43	2 days	6/19/2025	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.

2500A31



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

HOLD TIME RUSH

Enthalpy Order: EO-535357

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-1	12-JUN-2025 08:28	535357-001	3	Water	RSK-175 CO2	
DW-16	12-JUN-2025 09:31	535357-002	3	Water	RSK-175 CO2	
DW-3	12-JUN-2025 10:43	535357-003	3	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	<i>Lara Kahlert</i>	<i>Lilly Oak</i>
	Date: 6-16-25 14:30	Date: 6/17/25 09:11
	Date:	Date: 5-20-25 11:51
	Date:	Date:



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-535357

Date and Time Received: 6/17/2025 09:11

Date Logged: 6/17/2025

Received by: Lilly Ortiz

Logged by: Lilly Ortiz

WorkOrder No: 2506A31 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 ☐

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: Sample 2506A31-001A with method RSK175 (CO2) was received unpreserved. Sample 2506A31-002A with method RSK175 (CO2) was received unpreserved. Sample 2506A31-003A with method RSK175 (CO2) was received unpreserved.



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

enthalpy.com

Lab Job Number : 535882
Report Level : II
Report Date : 06/30/2025

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, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

Sample Summary

Adrienne Thibeault	Lab Job #:	535882
RMC Geoscience	Location:	Chiquita Canyon Sampling / RM22.1077.00\ Ph 13
775 Baywood Drive	Date Received:	06/19/25
Suite 305		
Petaluma, CA		
94954		

Sample ID	Lab ID	Collected	Matrix
FP-01	535882-001	06/19/25 10:32	Water
QCFB	535882-002	06/19/25 00:00	Water
QCTB	535882-003	06/19/25 00:00	Water
EQUIPMENT BLANK	535882-004	06/19/25 00:00	Water

Case Narrative

RMC Geoscience	Lab Job Number: 535882
775 Baywood Drive	Location: Chiquita Canyon Sampling / RM22.1077.00\ Ph
Suite 305	13
Petaluma, CA 94954	Date Received: 06/19/25
Adrienne Thibeault	

This data package contains sample and QC results for four water samples, requested for the above referenced project on 06/19/25. The samples were received cold and intact.

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

- High recovery was observed for trichloroethene in the BSD for batch 374571; the associated RPD was within limits, and this analyte was not detected at or above the RL in the associated samples.
- FP-01 (lab # 535882-001) 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 recoveries were observed for bromide and nitrogen, nitrate in the MS/MSD for batch 374376; the parent sample was not a project sample, the LCS was within limits, and the associated RPDs were within limits.
- Responses exceeding the instrument's linear range were observed for sulfate in the MS/MSD for batch 374376; 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):

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.

 Login 535882 Phone 714-771-6900		Chain of Custody Record Lab No: 535882		Turn Around Time (rush by advanced notice only)			
		Standard:	X	5 Day:	3 Day:		
Page:		1	of	1	2 Day:	1 Day:	Custom TAT:
Matrix: A = Air S = Soil/Solid DW = Drinking Water SD = Sediment 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: 12 / 12 15 (lab use only)			

CUSTOMER INFORMATION				PROJECT INFORMATION				Analysis Request				Test Instructions / Comments			
Company: Geo-Logic Associates				Quote #:				1,4-Dioxane (EPA 8270C-SIM)				Total Alkalinity (as CaCO ₃)			
Report To: Adrienne Thibeault				Project Name: Chiquita Canyon Sampling				Bicarbonate (as CaCO ₃)				Sulfate (EPA 300.0)			
Email: athibeault@geo-logic.com				Project #: RM22.1077.00\ Ph 13				Chemical Oxygen Demand (EPA 410.4)				Sulfide (SM 4500-S2-D), TOC (SM 5310B)			
Address: 2777 E Guasti Rd UNIT 1				P.O. #:				Carbon Dioxide (free & total) (SM 4500-CO ₂)				TDS (SM 2540C)			
Address: Ontario, CA 91761				Address:				Ammonia -N (EPA 350.1)				Total Metals - Ca, B, Fe, Mg, Mn, Na, K (EPA 6010B)			
Phone: (909) 677-1093				Global ID: L0003464243				Sulfate (EPA 300.0)				8260 VOCs (Appx I & Appx II) + DCDFM			
Fax:				Sampled By: J. Reestad				Container No. / Size				Pres.			

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
1 FP-01	6-19-25	1032	Water	15	
2 QCFB	6-19-25	-	Water	3	
3 QCTB	6-19-25	-	Water	2	
4 Equipment Blank	6-19-25	-		3	
5					
6					
7					
8					
9					
10					

Signature	Print Name	Company / Title	Date / Time
<i>Jim Bond</i>	Jerre Reestad	Geo-Logic Associates	6-19-25 1415
<i>gyl</i>	Gerry Hill	EA	6-19-25 1715

ENTHALPY

Date Received: 6/19/25 WO# 535882 Client: Geo-Logic Associates

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: 1.2 / 1.2 #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

✓

✓

✓

10

✓

✓

✓

✓

✓

✓

7

✓

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

[illegible]☒ No additional discrepancies

Date Logged 6/19/25 By (print) MSK

(sign) *W. M. Jones*

Date Labeled 6/19/25 By (print) MSK

(sign) Michael K. K...

Analysis Results for 535882

Adrienne Thibeault
RMC Geoscience
775 Baywood Drive
Suite 305
Petaluma, CA 94954

Lab Job #: 535882
Location: Chiquita Canyon Sampling / RM22.1077.00'
Ph 13
Date Received: 06/19/25

Sample ID: FP-01

Lab ID: 535882-001

Collected: 06/19/25 10:32

Matrix: Water

535882-001 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	374376	06/19/25 15:45	06/19/25 20:29	SSN
Chloride	100		mg/L	1.0	0.27	1	374376	06/19/25 15:45	06/19/25 20:29	SSN
Bromide	0.54		mg/L	0.30	0.060	1	374376	06/19/25 15:45	06/19/25 20:29	SSN
Nitrogen, Nitrate	0.10		mg/L	0.10	0.05	1	374376	06/19/25 15:45	06/19/25 20:29	SSN
Sulfate	380		mg/L	10	1.8	10	374376	06/19/25 15:45	06/19/25 20:46	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	374836	06/25/25	06/25/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	180		mg/L	4.0	2.0	1	374492	06/20/25	06/20/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.46		mg/L	0.050	0.0062	1	374590	06/23/25	06/23/25	CAP
Calcium	490		mg/L	1.0	0.57	1	374590	06/23/25	06/23/25	CAP
Iron	130		mg/L	10	4.1	100	374590	06/23/25	06/23/25	CAP
Magnesium	80		mg/L	0.10	0.025	1	374590	06/23/25	06/23/25	CAP
Manganese	4.0		mg/L	0.010	0.0029	1	374590	06/23/25	06/23/25	CAP
Potassium	18		mg/L	0.50	0.42	1	374590	06/23/25	06/23/25	CAP
Sodium	140		mg/L	0.50	0.34	1	374590	06/23/25	06/23/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
Carbon Disulfide	ND		ug/L	5.0	0.4	1	374571	06/22/25	06/22/25	ZST
Chloroprene	ND		ug/L	200	0.3	1	374571	06/22/25	06/22/25	ZST
3-Chloropropene	ND		ug/L	5.0	0.5	1	374571	06/22/25	06/22/25	ZST
Ethyl methacrylate	ND		ug/L	50	1.5	1	374571	06/22/25	06/22/25	ZST
2-Hexanone	ND		ug/L	5.0	0.7	1	374571	06/22/25	06/22/25	ZST
Iodomethane	ND		ug/L	7.6	7.6	1	374571	06/22/25	06/22/25	ZST
Methyl acrylonitrile	ND		ug/L	35	2.3	1	374571	06/22/25	06/22/25	ZST
Methyl methacrylate	ND		ug/L	5.0	1.5	1	374571	06/22/25	06/22/25	ZST
Vinyl Acetate	ND		ug/L	50	4.3	1	374571	06/22/25	06/22/25	ZST
Acrolein	ND		ug/L	200	2.2	1	374571	06/22/25	06/22/25	ZST
Acrylonitrile	ND		ug/L	10	0.3	1	374571	06/22/25	06/22/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	374571	06/22/25	06/22/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	374571	06/22/25	06/22/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	374571	06/22/25	06/22/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	374571	06/22/25	06/22/25	ZST
Acetone	ND		ug/L	100	21	1	374571	06/22/25	06/22/25	ZST

Analysis Results for 535882

535882-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Freon 113	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	374571	06/22/25	06/22/25	ZST
Methylene Chloride	ND		ug/L	5.0	2.4	1	374571	06/22/25	06/22/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	374571	06/22/25	06/22/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	374571	06/22/25	06/22/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	374571	06/22/25	06/22/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	374571	06/22/25	06/22/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
Benzene	ND		ug/L	1.0	0.1	1	374571	06/22/25	06/22/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	374571	06/22/25	06/22/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	374571	06/22/25	06/22/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	374571	06/22/25	06/22/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	374571	06/22/25	06/22/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	374571	06/22/25	06/22/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	374571	06/22/25	06/22/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	374571	06/22/25	06/22/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	374571	06/22/25	06/22/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST

Analysis Results for 535882

535882-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	374571	06/22/25	06/22/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374571	06/22/25	06/22/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	374571	06/22/25	06/22/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	374571	06/22/25	06/22/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374571	06/22/25	06/22/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	374571	06/22/25	06/22/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	374571	06/22/25	06/22/25	ZST
Xylene (total)	ND		ug/L	5.0		1	374571	06/22/25	06/22/25	ZST

Surrogates	Limits									
Dibromofluoromethane	93%		%REC	70-130		1	374571	06/22/25	06/22/25	ZST
1,2-Dichloroethane-d4	95%		%REC	70-130		1	374571	06/22/25	06/22/25	ZST
Toluene-d8	103%		%REC	70-130		1	374571	06/22/25	06/22/25	ZST
Bromofluorobenzene	103%		%REC	70-130		1	374571	06/22/25	06/22/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

1,4-Dioxane	6.2		ug/L	1.0	0.95	1	374458	06/20/25	06/22/25	TJW

Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	374458	06/20/25	06/22/25	TJW

Method: SM 4500-S2-D

Prep Method: METHOD

Sulfide	ND		mg/L	0.10		1	374644	06/23/25	06/23/25	LVL

Method: SM 5310B

Prep Method: SM 5310B

Total Organic Carbon	9.4		mg/L	1.0	0.68	1	374503	06/20/25	06/21/25	TDD

Method: SM2320B

Prep Method: METHOD

Alkalinity, Bicarbonate, as CaCO3	380		mg/L	10		5	374557	06/21/25	06/21/25	WWC

Alkalinity, Total as CaCO3	380		mg/L	10		5	374557	06/21/25	06/21/25	WWC

Method: SM2540C

Prep Method: METHOD

Total Dissolved Solids	1,100		mg/L	20		2	374629	06/23/25	06/24/25	RDL

Analysis Results for 535882

Sample ID: QCFB
Lab ID: 535882-002
Collected: 06/19/25
Matrix: Water

535882-002 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	0.4	1	374571	06/22/25	06/22/25	ZST
Chloroprene	ND		ug/L	200	0.3	1	374571	06/22/25	06/22/25	ZST
3-Chloropropene	ND		ug/L	5.0	0.5	1	374571	06/22/25	06/22/25	ZST
Ethyl methacrylate	ND		ug/L	50	1.5	1	374571	06/22/25	06/22/25	ZST
2-Hexanone	ND		ug/L	5.0	0.7	1	374571	06/22/25	06/22/25	ZST
Iodomethane	ND		ug/L	7.6	7.6	1	374571	06/22/25	06/22/25	ZST
Methyl acrylonitrile	ND		ug/L	35	2.3	1	374571	06/22/25	06/22/25	ZST
Methyl methacrylate	ND		ug/L	5.0	1.5	1	374571	06/22/25	06/22/25	ZST
Vinyl Acetate	ND		ug/L	50	4.3	1	374571	06/22/25	06/22/25	ZST
Acrolein	ND		ug/L	200	2.2	1	374571	06/22/25	06/22/25	ZST
Acrylonitrile	ND		ug/L	10	0.3	1	374571	06/22/25	06/22/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	374571	06/22/25	06/22/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	374571	06/22/25	06/22/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	374571	06/22/25	06/22/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	374571	06/22/25	06/22/25	ZST
Acetone	ND		ug/L	100	21	1	374571	06/22/25	06/22/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	374571	06/22/25	06/22/25	ZST
Methylene Chloride	3.9	J	ug/L	5.0	2.4	1	374571	06/22/25	06/22/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	374571	06/22/25	06/22/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	374571	06/22/25	06/22/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	374571	06/22/25	06/22/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
Chloroform	0.7	J	ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	374571	06/22/25	06/22/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
Benzene	ND		ug/L	1.0	0.1	1	374571	06/22/25	06/22/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	374571	06/22/25	06/22/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	374571	06/22/25	06/22/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	374571	06/22/25	06/22/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	374571	06/22/25	06/22/25	ZST

Analysis Results for 535882

535882-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	374571	06/22/25	06/22/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	374571	06/22/25	06/22/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	374571	06/22/25	06/22/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	374571	06/22/25	06/22/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	374571	06/22/25	06/22/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374571	06/22/25	06/22/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	374571	06/22/25	06/22/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	374571	06/22/25	06/22/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374571	06/22/25	06/22/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	374571	06/22/25	06/22/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	374571	06/22/25	06/22/25	ZST
Xylene (total)	ND		ug/L	5.0		1	374571	06/22/25	06/22/25	ZST
Surrogates				Limits						
Dibromofluoromethane	94%		%REC	70-130		1	374571	06/22/25	06/22/25	ZST
1,2-Dichloroethane-d4	94%		%REC	70-130		1	374571	06/22/25	06/22/25	ZST
Toluene-d8	103%		%REC	70-130		1	374571	06/22/25	06/22/25	ZST
Bromofluorobenzene	102%		%REC	70-130		1	374571	06/22/25	06/22/25	ZST

Analysis Results for 535882

Sample ID: QCTB
Lab ID: 535882-003
Collected: 06/19/25
Matrix: Water

535882-003 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	0.4	1	374571	06/22/25	06/22/25	ZST
Chloroprene	ND		ug/L	200	0.3	1	374571	06/22/25	06/22/25	ZST
3-Chloropropene	ND		ug/L	5.0	0.5	1	374571	06/22/25	06/22/25	ZST
Ethyl methacrylate	ND		ug/L	50	1.5	1	374571	06/22/25	06/22/25	ZST
2-Hexanone	ND		ug/L	5.0	0.7	1	374571	06/22/25	06/22/25	ZST
Iodomethane	ND		ug/L	7.6	7.6	1	374571	06/22/25	06/22/25	ZST
Methyl acrylonitrile	ND		ug/L	35	2.3	1	374571	06/22/25	06/22/25	ZST
Methyl methacrylate	ND		ug/L	5.0	1.5	1	374571	06/22/25	06/22/25	ZST
Vinyl Acetate	ND		ug/L	50	4.3	1	374571	06/22/25	06/22/25	ZST
Acrolein	ND		ug/L	200	2.2	1	374571	06/22/25	06/22/25	ZST
Acrylonitrile	ND		ug/L	10	0.3	1	374571	06/22/25	06/22/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	374571	06/22/25	06/22/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	374571	06/22/25	06/22/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	374571	06/22/25	06/22/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	374571	06/22/25	06/22/25	ZST
Acetone	ND		ug/L	100	21	1	374571	06/22/25	06/22/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	374571	06/22/25	06/22/25	ZST
Methylene Chloride	ND		ug/L	5.0	2.4	1	374571	06/22/25	06/22/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	374571	06/22/25	06/22/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	374571	06/22/25	06/22/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	374571	06/22/25	06/22/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
Chloroform	0.5	J	ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	374571	06/22/25	06/22/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
Benzene	ND		ug/L	1.0	0.1	1	374571	06/22/25	06/22/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	374571	06/22/25	06/22/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	374571	06/22/25	06/22/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	374571	06/22/25	06/22/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	374571	06/22/25	06/22/25	ZST

Analysis Results for 535882

535882-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	374571	06/22/25	06/22/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	374571	06/22/25	06/22/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	374571	06/22/25	06/22/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	374571	06/22/25	06/22/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	374571	06/22/25	06/22/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374571	06/22/25	06/22/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	374571	06/22/25	06/22/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	374571	06/22/25	06/22/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374571	06/22/25	06/22/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	374571	06/22/25	06/22/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	374571	06/22/25	06/22/25	ZST
Xylene (total)	ND		ug/L	5.0		1	374571	06/22/25	06/22/25	ZST
Surrogates				Limits						
Dibromofluoromethane	95%		%REC	70-130		1	374571	06/22/25	06/22/25	ZST
1,2-Dichloroethane-d4	94%		%REC	70-130		1	374571	06/22/25	06/22/25	ZST
Toluene-d8	103%		%REC	70-130		1	374571	06/22/25	06/22/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	374571	06/22/25	06/22/25	ZST

Analysis Results for 535882

Sample ID: EQUIPMENT BLANK
Lab ID: 535882-004
Collected: 06/19/25
Matrix: Water

535882-004 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	0.4	1	374571	06/22/25	06/22/25	ZST
Chloroprene	ND		ug/L	200	0.3	1	374571	06/22/25	06/22/25	ZST
3-Chloropropene	ND		ug/L	5.0	0.5	1	374571	06/22/25	06/22/25	ZST
Ethyl methacrylate	ND		ug/L	50	1.5	1	374571	06/22/25	06/22/25	ZST
2-Hexanone	ND		ug/L	5.0	0.7	1	374571	06/22/25	06/22/25	ZST
Iodomethane	ND		ug/L	7.6	7.6	1	374571	06/22/25	06/22/25	ZST
Methyl acrylonitrile	ND		ug/L	35	2.3	1	374571	06/22/25	06/22/25	ZST
Methyl methacrylate	ND		ug/L	5.0	1.5	1	374571	06/22/25	06/22/25	ZST
Vinyl Acetate	ND		ug/L	50	4.3	1	374571	06/22/25	06/22/25	ZST
Acrolein	ND		ug/L	200	2.2	1	374571	06/22/25	06/22/25	ZST
Acrylonitrile	ND		ug/L	10	0.3	1	374571	06/22/25	06/22/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	374571	06/22/25	06/22/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	374571	06/22/25	06/22/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	374571	06/22/25	06/22/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	374571	06/22/25	06/22/25	ZST
Acetone	ND		ug/L	100	21	1	374571	06/22/25	06/22/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	374571	06/22/25	06/22/25	ZST
Methylene Chloride	3.4	J	ug/L	5.0	2.4	1	374571	06/22/25	06/22/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	374571	06/22/25	06/22/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	374571	06/22/25	06/22/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	374571	06/22/25	06/22/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
Chloroform	0.6	J	ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	374571	06/22/25	06/22/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
Benzene	ND		ug/L	1.0	0.1	1	374571	06/22/25	06/22/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	374571	06/22/25	06/22/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	374571	06/22/25	06/22/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	374571	06/22/25	06/22/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	374571	06/22/25	06/22/25	ZST

Analysis Results for 535882

535882-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	374571	06/22/25	06/22/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	374571	06/22/25	06/22/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	374571	06/22/25	06/22/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	374571	06/22/25	06/22/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	374571	06/22/25	06/22/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374571	06/22/25	06/22/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	374571	06/22/25	06/22/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374571	06/22/25	06/22/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	374571	06/22/25	06/22/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	374571	06/22/25	06/22/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374571	06/22/25	06/22/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	374571	06/22/25	06/22/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	374571	06/22/25	06/22/25	ZST
Xylene (total)	ND		ug/L	5.0		1	374571	06/22/25	06/22/25	ZST
Surrogates				Limits						
Dibromofluoromethane	95%		%REC	70-130		1	374571	06/22/25	06/22/25	ZST
1,2-Dichloroethane-d4	95%		%REC	70-130		1	374571	06/22/25	06/22/25	ZST
Toluene-d8	102%		%REC	70-130		1	374571	06/22/25	06/22/25	ZST
Bromofluorobenzene	101%		%REC	70-130		1	374571	06/22/25	06/22/25	ZST

J Estimated value
ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1267582	Batch: 374376
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1267582 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	06/19/25 15:45	06/19/25 15:59
Chloride	ND		mg/L	1.0	0.27	06/19/25 15:45	06/19/25 15:59
Bromide	ND		mg/L	0.30	0.060	06/19/25 15:45	06/19/25 15:59
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	06/19/25 15:45	06/19/25 15:59
Sulfate	ND		mg/L	1.0	0.18	06/19/25 15:45	06/19/25 15:59

Type: Lab Control Sample	Lab ID: QC1267583	Batch: 374376
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1267583 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	10.20	10.00	mg/L	102%		90-110
Chloride	49.03	50.00	mg/L	98%		90-110
Bromide	15.48	15.00	mg/L	103%		90-110
Nitrogen, Nitrate	4.722	4.518	mg/L	105%		90-110
Sulfate	25.21	25.00	mg/L	101%		90-110

Type: Matrix Spike	Lab ID: QC1267589	Batch: 374376
Matrix (Source ID): Water (535736-001)	Method: EPA 300.0	Prep Method: METHOD

QC1267589 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	21.42	0.5045	20.00	mg/L	105%		80-129	1
Chloride	467.9	428.9	100.0	mg/L	39%	E,NM	80-123	1
Bromide	15.20	1.170	15.00	mg/L	94%		80-121	1
Nitrogen, Nitrate	12.99	4.732	9.036	mg/L	91%		80-123	1
Sulfate	504.5	671.6	50.00	mg/L	-334%	E,NM	79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1267590	Batch: 374376
Matrix (Source ID): Water (535736-001)	Method: EPA 300.0	Prep Method: METHOD

QC1267590 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	21.22	0.5045	20.00	mg/L	104%		80-129	1	21	1
Chloride	466.3	428.9	100.0	mg/L	37%	E,NM	80-123		20	1
Bromide	15.28	1.170	15.00	mg/L	94%		80-121	1	20	1
Nitrogen, Nitrate	12.94	4.732	9.036	mg/L	91%		80-123	0	20	1
Sulfate	503.3	671.6	50.00	mg/L	-337%	E,NM	79-124		20	1

Batch QC

Type: Matrix Spike	Lab ID: QC1267591	Batch: 374376
Matrix (Source ID): Water (535762-001)	Method: EPA 300.0	Prep Method: METHOD

QC1267591 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	20.82	ND	20.00	mg/L	104%		80-129	1
Chloride	180.4	82.27	100.0	mg/L	98%		80-123	1
Bromide	6.532	0.6462	15.00	mg/L	39%	*	80-121	1
Nitrogen, Nitrate	8.306	ND	9.036	mg/L	92%		80-123	1
Sulfate	108.8	61.47	50.00	mg/L	95%	E	79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1267592	Batch: 374376
Matrix (Source ID): Water (535762-001)	Method: EPA 300.0	Prep Method: METHOD

QC1267592 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	20.84	ND	20.00	mg/L	104%		80-129	0	21	1
Chloride	180.0	82.27	100.0	mg/L	98%		80-123	0	20	1
Bromide	5.851	0.6462	15.00	mg/L	35%	*	80-121	11	20	1
Nitrogen, Nitrate	7.179	ND	9.036	mg/L	79%	*	80-123	15	20	1
Sulfate	108.4	61.47	50.00	mg/L	94%	E	79-124		20	1

Type: Blank	Lab ID: QC1269210	Batch: 374836
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1269210 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	06/25/25	06/25/25

Type: Lab Control Sample	Lab ID: QC1269211	Batch: 374836
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1269211 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.027	1.000	mg/L	103%		90-110

Type: Matrix Spike	Lab ID: QC1269212	Batch: 374836
Matrix (Source ID): Water (536167-003)	Method: EPA 350.1	Prep Method: METHOD

QC1269212 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.102	0.05684	1.000	mg/L	105%		90-110	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1269213	Batch: 374836
Matrix (Source ID): Water (536167-003)	Method: EPA 350.1	Prep Method: METHOD

QC1269213 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.096	0.05684	1.000	mg/L	104%		90-110	1	20	1

Type: Blank	Lab ID: QC1268002	Batch: 374492
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1268002 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	06/20/25	06/20/25

Type: Lab Control Sample	Lab ID: QC1268003	Batch: 374492
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1268003 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	979.0	1000	mg/L	98%		90-110

Type: Matrix Spike	Lab ID: QC1268004	Batch: 374492
Matrix (Source ID): Water (535882-001)	Method: EPA 410.4	Prep Method: METHOD

QC1268004 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	1,144	175.0	1000	mg/L	97%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1268005	Batch: 374492
Matrix (Source ID): Water (535882-001)	Method: EPA 410.4	Prep Method: METHOD

QC1268005 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	1,136	175.0	1000	mg/L	96%		75-125	1	20	2

Type: Matrix Spike	Lab ID: QC1268006	Batch: 374492
Matrix (Source ID): Water (535170-001)	Method: EPA 410.4	Prep Method: METHOD

QC1268006 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	1,226	269.0	1000	mg/L	96%		75-125	2

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1268007	Batch: 374492
Matrix (Source ID): Water (535170-001)	Method: EPA 410.4	Prep Method: METHOD

QC1268007 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	1,242	269.0	1000	mg/L	97%		75-125	1	20	2

Type: Blank	Lab ID: QC1268380	Batch: 374590
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1268380 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0062	06/23/25	06/23/25
Calcium	ND		mg/L	0.57	0.57	06/23/25	06/23/25
Iron	ND		mg/L	0.041	0.041	06/23/25	06/23/25
Magnesium	ND		mg/L	0.10	0.025	06/23/25	06/23/25
Manganese	ND		mg/L	0.010	0.0029	06/23/25	06/23/25
Potassium	ND		mg/L	0.50	0.42	06/23/25	06/23/25
Sodium	ND		mg/L	0.50	0.34	06/23/25	06/23/25

Type: Lab Control Sample	Lab ID: QC1268381	Batch: 374590
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1268381 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3717	0.4000	mg/L	93%		80-120
Calcium	19.92	20.40	mg/L	98%		80-120
Iron	0.4057	0.4000	mg/L	101%		80-120
Magnesium	20.69	20.40	mg/L	101%		80-120
Manganese	0.3874	0.4000	mg/L	97%		80-120
Potassium	22.97	24.00	mg/L	96%		80-120
Sodium	19.70	20.40	mg/L	97%		80-120

Type: Matrix Spike	Lab ID: QC1268382	Batch: 374590
Matrix (Source ID): Water (536000-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1268382 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	89.16	86.63	4.000	mg/L	63%	NM	75-125	10
Calcium	6,675	6606	204.0	mg/L	34%	NM	75-125	10
Iron	875.4	888.6	4.000	mg/L	-330%	E,NM	75-125	10
Magnesium	1,057	876.7	204.0	mg/L	89%	NM	75-125	10
Manganese	42.80	39.87	4.000	mg/L	73%	NM	75-125	10
Potassium	1,905	1695	240.0	mg/L	88%	NM	75-125	10
Sodium	5,260	5156	204.0	mg/L	51%	NM	75-125	10

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1268383	Batch: 374590
Matrix (Source ID): Water (536000-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1268383 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	88.77	86.63	4.000	mg/L	53%	NM	75-125	0	20	10
Calcium	6,693	6606	204.0	mg/L	42%	NM	75-125	0	20	10
Iron	872.4	888.6	4.000	mg/L	-404%	E,NM	75-125		22	10
Magnesium	1,059	876.7	204.0	mg/L	89%	NM	75-125	0	20	10
Manganese	42.63	39.87	4.000	mg/L	69%	NM	75-125	0	20	10
Potassium	1,910	1695	240.0	mg/L	90%	NM	75-125	0	20	10
Sodium	5,258	5156	204.0	mg/L	50%	NM	75-125	0	20	10

Type: Serial Dilution	Lab ID: QC1268436	Batch: 374590
Matrix (Source ID): Water (536000-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1268436 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	85.04	86.63	mg/L				50
Calcium	6,846	6606	mg/L				50
Iron	927.7	888.6	mg/L				50
Magnesium	901.7	876.7	mg/L				50
Manganese	40.02	39.87	mg/L				50
Potassium	1,628	1695	mg/L				50
Sodium	5,170	5156	mg/L				50

Batch QC

Type: Blank	Lab ID: QC1268296	Batch: 374571
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1268296 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Carbon Disulfide	ND		ug/L	5.0	0.4	06/22/25	06/22/25
Chloroprene	ND		ug/L	200	0.3	06/22/25	06/22/25
3-Chloropropene	ND		ug/L	5.0	0.5	06/22/25	06/22/25
Ethyl methacrylate	ND		ug/L	50	1.5	06/22/25	06/22/25
2-Hexanone	ND		ug/L	5.0	0.7	06/22/25	06/22/25
Iodomethane	ND		ug/L	7.6	7.6	06/22/25	06/22/25
Methyl acrylonitrile	ND		ug/L	35	2.3	06/22/25	06/22/25
Methyl methacrylate	ND		ug/L	5.0	1.5	06/22/25	06/22/25
Vinyl Acetate	ND		ug/L	50	4.3	06/22/25	06/22/25
Acrolein	ND		ug/L	200	2.2	06/22/25	06/22/25
Acrylonitrile	ND		ug/L	10	0.3	06/22/25	06/22/25
Freon 12	ND		ug/L	5.0	0.2	06/22/25	06/22/25
Chloromethane	ND		ug/L	5.0	0.3	06/22/25	06/22/25
Vinyl Chloride	ND		ug/L	5.0	0.1	06/22/25	06/22/25
Bromomethane	ND		ug/L	5.0	0.4	06/22/25	06/22/25
Chloroethane	ND		ug/L	5.0	0.3	06/22/25	06/22/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	06/22/25	06/22/25
Acetone	ND		ug/L	100	21	06/22/25	06/22/25
Freon 113	ND		ug/L	5.0	0.1	06/22/25	06/22/25
1,1-Dichloroethene	ND		ug/L	5.0	0.08	06/22/25	06/22/25
Methylene Chloride	ND		ug/L	5.0	2.4	06/22/25	06/22/25
MTBE	ND		ug/L	5.0	0.09	06/22/25	06/22/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	06/22/25	06/22/25
1,1-Dichloroethane	ND		ug/L	5.0	0.09	06/22/25	06/22/25
2-Butanone	ND		ug/L	100	1.7	06/22/25	06/22/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	06/22/25	06/22/25
2,2-Dichloropropane	ND		ug/L	5.0	0.1	06/22/25	06/22/25
Chloroform	ND		ug/L	5.0	0.1	06/22/25	06/22/25
Bromochloromethane	ND		ug/L	5.0	0.2	06/22/25	06/22/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	06/22/25	06/22/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	06/22/25	06/22/25
Carbon Tetrachloride	ND		ug/L	5.0	0.1	06/22/25	06/22/25
1,2-Dichloroethane	ND		ug/L	5.0	0.2	06/22/25	06/22/25
Benzene	ND		ug/L	1.0	0.1	06/22/25	06/22/25
Trichloroethene	ND		ug/L	5.0	0.2	06/22/25	06/22/25
1,2-Dichloropropane	ND		ug/L	5.0	0.1	06/22/25	06/22/25
Bromodichloromethane	ND		ug/L	5.0	0.08	06/22/25	06/22/25
Dibromomethane	ND		ug/L	5.0	0.2	06/22/25	06/22/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	06/22/25	06/22/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	06/22/25	06/22/25
Toluene	ND		ug/L	5.0	0.1	06/22/25	06/22/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	06/22/25	06/22/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	06/22/25	06/22/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	06/22/25	06/22/25
Tetrachloroethene	ND		ug/L	5.0	0.09	06/22/25	06/22/25
Dibromochloromethane	ND		ug/L	5.0	0.1	06/22/25	06/22/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	06/22/25	06/22/25

Batch QC

QC1268296 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chlorobenzene	ND		ug/L	5.0	0.09	06/22/25	06/22/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	06/22/25	06/22/25
Ethylbenzene	ND		ug/L	5.0	0.1	06/22/25	06/22/25
m,p-Xylenes	ND		ug/L	10	0.2	06/22/25	06/22/25
o-Xylene	ND		ug/L	5.0	0.1	06/22/25	06/22/25
Styrene	ND		ug/L	5.0	0.1	06/22/25	06/22/25
Bromoform	ND		ug/L	5.0	0.2	06/22/25	06/22/25
Isopropylbenzene	ND		ug/L	5.0	0.1	06/22/25	06/22/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	06/22/25	06/22/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	06/22/25	06/22/25
Propylbenzene	ND		ug/L	5.0	0.2	06/22/25	06/22/25
Bromobenzene	ND		ug/L	5.0	0.1	06/22/25	06/22/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	06/22/25	06/22/25
2-Chlorotoluene	ND		ug/L	5.0	0.1	06/22/25	06/22/25
4-Chlorotoluene	ND		ug/L	5.0	0.1	06/22/25	06/22/25
tert-Butylbenzene	ND		ug/L	5.0	0.2	06/22/25	06/22/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	06/22/25	06/22/25
sec-Butylbenzene	ND		ug/L	5.0	0.2	06/22/25	06/22/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	06/22/25	06/22/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	06/22/25	06/22/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	06/22/25	06/22/25
n-Butylbenzene	ND		ug/L	5.0	0.4	06/22/25	06/22/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	06/22/25	06/22/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	06/22/25	06/22/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	06/22/25	06/22/25
Hexachlorobutadiene	ND		ug/L	5.0	0.4	06/22/25	06/22/25
Naphthalene	ND		ug/L	5.0	0.3	06/22/25	06/22/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	06/22/25	06/22/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	06/22/25	06/22/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	06/22/25	06/22/25
Xylene (total)	ND		ug/L	5.0		06/22/25	06/22/25
Surrogates				Limits			
Dibromofluoromethane	93%		%REC	70-130		06/22/25	06/22/25
1,2-Dichloroethane-d4	94%		%REC	70-130		06/22/25	06/22/25
Toluene-d8	103%		%REC	70-130		06/22/25	06/22/25
Bromofluorobenzene	102%		%REC	70-130		06/22/25	06/22/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1268297	Batch: 374571
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1268297 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	50.11	50.00	ug/L	100%		69-128
MTBE	43.00	50.00	ug/L	86%		66-125
Benzene	54.42	50.00	ug/L	109%		76-121
Trichloroethene	52.49	50.00	ug/L	105%		76-124
Toluene	53.33	50.00	ug/L	107%		76-120
Chlorobenzene	51.07	50.00	ug/L	102%		78-120
Surrogates						
Dibromofluoromethane	45.25	50.00	ug/L	91%		70-130
1,2-Dichloroethane-d4	46.71	50.00	ug/L	93%		70-130
Toluene-d8	50.16	50.00	ug/L	100%		70-130
Bromofluorobenzene	48.77	50.00	ug/L	98%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1268298	Batch: 374571
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1268298 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	40.88	50.00	ug/L	82%		69-128	20	23
MTBE	35.30	50.00	ug/L	71%		66-125	20	22
Benzene	55.05	50.00	ug/L	110%		76-121	1	21
Trichloroethene	65.25	50.00	ug/L	130%	*	76-124	22	22
Toluene	53.96	50.00	ug/L	108%		76-120	1	21
Chlorobenzene	51.76	50.00	ug/L	104%		78-120	1	20
Surrogates								
Dibromofluoromethane	36.89	50.00	ug/L	74%		70-130		
1,2-Dichloroethane-d4	42.10	50.00	ug/L	84%		70-130		
Toluene-d8	49.85	50.00	ug/L	100%		70-130		
Bromofluorobenzene	48.40	50.00	ug/L	97%		70-130		

Type: Matrix Spike	Lab ID: QC1268318	Batch: 374571
Matrix (Source ID): Water (535998-003)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1268318 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	905.1	ND	1000	ug/L	91%		62-131	50
MTBE	836.1	ND	1000	ug/L	84%		61-124	50
Benzene	1,062	27.06	1000	ug/L	103%		70-123	50
Trichloroethene	1,050	ND	1000	ug/L	105%		65-131	50
Toluene	1,056	17.92	1000	ug/L	104%		69-120	50
Chlorobenzene	990.8	ND	1000	ug/L	99%		72-121	50
Surrogates								
Dibromofluoromethane	2,270		2500	ug/L	91%		70-130	50
1,2-Dichloroethane-d4	2,353		2500	ug/L	94%		70-130	50
Toluene-d8	2,528		2500	ug/L	101%		70-130	50
Bromofluorobenzene	2,435		2500	ug/L	97%		70-130	50

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1268319	Batch: 374571
Matrix (Source ID): Water (535998-003)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1268319 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	809.2	ND	1000	ug/L	81%		62-131	11	31	50
MTBE	796.9	ND	1000	ug/L	80%		61-124	5	30	50
Benzene	965.0	27.06	1000	ug/L	94%		70-123	10	31	50
Trichloroethene	970.7	ND	1000	ug/L	97%		65-131	8	31	50
Toluene	953.4	17.92	1000	ug/L	94%		69-120	10	29	50
Chlorobenzene	902.6	ND	1000	ug/L	90%		72-121	9	29	50
Surrogates										
Dibromofluoromethane	2,229		2500	ug/L	89%		70-130			50
1,2-Dichloroethane-d4	2,389		2500	ug/L	96%		70-130			50
Toluene-d8	2,543		2500	ug/L	102%		70-130			50
Bromofluorobenzene	2,462		2500	ug/L	98%		70-130			50

Type: Blank	Lab ID: QC1267854	Batch: 374458
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1267854 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.95	06/20/25	06/22/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	101%		%REC	80-120		06/20/25	06/22/25

Type: Lab Control Sample	Lab ID: QC1267855	Batch: 374458
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1267855 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	10.04	10.00	ug/L	100%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.12	10.00	ug/L	101%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1267856	Batch: 374458
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1267856 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	10.68	10.00	ug/L	107%		79-120	6	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.27	10.00	ug/L	103%		80-120		

Type: Blank	Lab ID: QC1268576	Batch: 374644
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1268576 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		06/23/25	06/23/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1268577	Batch: 374644
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1268577 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1268578	Batch: 374644
Matrix (Source ID): Water (535721-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1268578 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: QC1268579	Batch: 374644
Matrix (Source ID): Water (535721-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1268579 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: QC1268031	Batch: 374503
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1268031 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.68	06/20/25	06/20/25

Type: Lab Control Sample	Lab ID: QC1268032	Batch: 374503
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1268032 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	25.06	25.00	mg/L	100%		85-115

Type: Matrix Spike	Lab ID: QC1268033	Batch: 374503
Matrix (Source ID): Water (535874-007)	Method: SM 5310B	Prep Method: SM 5310B

QC1268033 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	25.27	2.683	25.00	mg/L	90%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1268034	Batch: 374503
Matrix (Source ID): Water (535874-007)	Method: SM 5310B	Prep Method: SM 5310B

QC1268034 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Total Organic Carbon	25.71	2.683	25.00	mg/L	92%		75-125	2	25	2

Batch QC

Type: Blank	Lab ID: QC1268246	Batch: 374557
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1268246 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		06/21/25	06/21/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		06/21/25	06/21/25

Type: Lab Control Sample	Lab ID: QC1268247	Batch: 374557
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1268247 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	972.4	1000	mg/L	97%		90-110

Type: Sample Duplicate	Lab ID: QC1269205	Batch: 374557
Matrix (Source ID): Water (535882-001)	Method: SM2320B	Prep Method: METHOD

QC1269205 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	391.5	382.8	mg/L		2	20	5
Alkalinity, Total as CaCO ₃	391.5	382.8	mg/L		2	20	5

Type: Blank	Lab ID: QC1268524	Batch: 374629
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1268524 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	10		06/23/25	06/24/25

Type: Lab Control Sample	Lab ID: QC1268525	Batch: 374629
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1268525 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	984.0	1000	mg/L	98%		90-110

Type: Sample Duplicate	Lab ID: QC1268526	Batch: 374629
Matrix (Source ID): Water (535986-001)	Method: SM2540C	Prep Method: METHOD

QC1268526 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	1,878	1850	mg/L		2	5	2

Type: Sample Duplicate	Lab ID: QC1268527	Batch: 374629
Matrix (Source ID): Water (535845-006)	Method: SM2540C	Prep Method: METHOD

QC1268527 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	478.0	468.0	mg/L		2	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 535882

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2506E84

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-535882

Project Location:

Project Received: 06/24/2025

Analytical Report reviewed & approved for release on 06/26/2025 by:

Tracy Babjar

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: 2506E84

Project: EO-535882

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: 2506E84

Project: EO-535882

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: 06/24/2025 10:26
Date Prepared: 06/25/2025
Project: EO-535882

WorkOrder: 2506E84
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	2506E84-001A	Water	06/19/2025 10:32	GC26 0625250205.D	320203

Analytes	Result	MDL	RL	DE	Date Analyzed
Carbon Dioxide	33,000	2000	2000	40	06/25/2025 15:41

Analyst(s): CLO

Analytical Comments: b1



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

Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 06/25/2025
Date Analyzed: 06/25/2025
Instrument: GC26
Matrix: Water
Project: EO-535882

WorkOrder: 2506E84
BatchID: 320203
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-320203

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	76	71	70-130	6.44	30

McCampbell Analytical, Inc.



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

☐ WaterTrax ☐ CLIP ☐ EDF

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-535882

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2506E84

ClientCode: ENO

QuoteID: 243367

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

Bill to:

Requested TAT: 2 days;

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

Date Received: 06/24/2025

Date Logged: 06/24/2025

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2506E84-001	FP-01	Water	6/19/2025 10:32	☐	A	A	A									

Test Legend:

1	PR3PTCOMP	2	PRDisposal Fee	3	RSK175_CO2_W	4	
5		6		7		8	
9		10		11		12	

Project Manager: Yen Cao

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.



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WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL

Project: EO-535882

Work Order: 2506E84

Client Contact: Zach Barker

QC Level: LEVEL 2

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

Comments

Date Logged: 6/24/2025

☐ 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)	3 / (3:1)	VOA, Unpres	☐	☐	☐	6/19/2025 10:32	2 days	6/26/2025	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.

2506684



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

Subcontract Laboratory:

McCampbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 243667
PO #: PO-079649

RUSH!

Enthalpy Order: EO-535882

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

Results Due: RUSH TAT (short hold
time)

Report Level: II

Report To: MDL

EDDs: Standard Excel EDD

Notes:

Chiquita Canyon Landfill. Please ship Monday for Tuesday delivery.

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
FP-01	19-JUN-2025 10:32	535882-001	3	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	Date:	<i>[Signature]</i> Date: 6/24/25 10:26
	Date:	4.1.25 11:41
	Date:	
	Date:	

Updated COC per email 6/24/25



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-535882

Date and Time Received: 6/24/2025 10:26

Date Logged: 6/24/2025

Received by: Lilly Ortiz

Logged by: Lilly Ortiz

WorkOrder No: 2506E84 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 ☐

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: 4.1°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: Sample 2506E84-001A with method RSK175 (CO2) was received unpreserved.

Attachment B

Prediction Limit Plots

Prediction Limit

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019 Printed 6/29/2025, 2:22 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	4/24/2025	210	No	18	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-16	363.1	133.1	4/28/2025	250	No	27	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-17	184	110.7	4/24/2025	150	No	19	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-29	323.6	189.7	4/22/2025	300	No	18	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-9	246.1	98.93	4/22/2025	170	No	8	0	No	0.005	Param Intra
Ammonia-N (mg/L)	DW-15	0.1767	n/a	4/24/2025	0.15	No	18	0	No	0.01	Param Intra
Ammonia-N (mg/L)	DW-16	0.094	n/a	4/28/2025	0.05ND	No	26	92.31	n/a	0.03704	NP Intra (NDs)
Ammonia-N (mg/L)	DW-17	0.041	n/a	4/24/2025	0.05ND	No	18	100	n/a	0.05263	NP Intra (NDs)
Ammonia-N (mg/L)	DW-29	0.073	n/a	4/22/2025	0.05ND	No	18	94.44	n/a	0.05263	NP Intra (NDs)
Ammonia-N (mg/L)	DW-9	0.097	n/a	4/22/2025	0.05ND	No	8	75	n/a	0.1111	NP Intra (NDs)
Ammonia-N (mg/L)	DW-30	0.041	n/a	4/24/2025	0.05ND	No	4	100	n/a	0.2	NP Intra (NDs)
Ammonia-N (mg/L)	DW-31	0.047	n/a	4/28/2025	0.057J	No	4	75	n/a	0.2	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-15	6	n/a	4/24/2025	3J	No	17	88.24	n/a	0.05556	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-16	3	n/a	4/28/2025	4	Yes	26	84.62	n/a	0.03704	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-17	6	n/a	4/24/2025	2ND	No	18	72.22	n/a	0.05263	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-29	34.88	n/a	4/22/2025	2ND	No	17	17.65	No	0.01	Param Intra
Chemical Oxygen Demand (mg/L)	DW-9	9	n/a	4/22/2025	2ND	No	8	62.5	n/a	0.1111	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-30	19.81	n/a	4/24/2025	4	No	4	50	No	0.01	Param Intra
Chemical Oxygen Demand (mg/L)	DW-31	120.4	n/a	4/28/2025	29	No	4	0	No	0.01	Param Intra
Chloride (mg/l)	DW-15	82.28	n/a	4/24/2025	75	No	17	0	No	0.01	Param Intra
Chloride (mg/l)	DW-16	118.9	n/a	4/28/2025	110	No	26	0	No	0.01	Param Intra
Chloride (mg/l)	DW-17	165.8	n/a	4/24/2025	150	No	17	0	No	0.01	Param Intra
Chloride (mg/l)	DW-29	112.3	n/a	4/22/2025	92	No	17	0	No	0.01	Param Intra
Chloride (mg/l)	DW-9	103.3	n/a	4/22/2025	79	No	8	0	No	0.01	Param Intra
Chloride (mg/l)	DW-30	74.59	n/a	4/24/2025	59	No	4	0	No	0.01	Param Intra
Chloride (mg/l)	DW-31	167.9	n/a	4/28/2025	100	No	4	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-15	0.18	n/a	4/24/2025	0.05ND	No	17	88.24	n/a	0.05556	NP Intra (NDs)
Nitrate as N (mg/L)	DW-16	2.658	n/a	4/28/2025	2.2	No	26	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-17	1.506	n/a	4/24/2025	1	No	19	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-29	4.116	n/a	4/22/2025	2.1	No	17	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-9	2.696	n/a	4/22/2025	2	No	8	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-30	2.177	n/a	4/24/2025	0.23	No	4	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-31	0.9592	n/a	4/28/2025	0.76	No	4	25	No	0.01	Param Intra
Potassium (mg/L)	DW-15	5.162	n/a	4/24/2025	2.7	No	18	0	No	0.01	Param Intra
Potassium (mg/L)	DW-16	1.906	n/a	4/28/2025	0.83	No	26	0	No	0.01	Param Intra
Potassium (mg/L)	DW-17	1.502	n/a	4/24/2025	0.7	No	18	0	No	0.01	Param Intra
Potassium (mg/L)	DW-29	2.873	n/a	4/22/2025	1.5	No	18	0	No	0.01	Param Intra
Potassium (mg/L)	DW-9	2.477	n/a	4/22/2025	1.4	No	8	0	No	0.01	Param Intra
Potassium (mg/L)	DW-30	3.393	n/a	4/24/2025	1.6	No	4	0	No	0.01	Param Intra
Potassium (mg/L)	DW-31	3.51	n/a	4/28/2025	1.5	No	4	0	No	0.01	Param Intra
Sodium (mg/L)	DW-15	504	n/a	4/24/2025	400	No	17	0	No	0.01	Param Intra
Sodium (mg/L)	DW-16	290.9	n/a	4/28/2025	230	No	26	0	No	0.01	Param Intra
Sodium (mg/L)	DW-17	269.7	n/a	4/24/2025	220	No	19	0	No	0.01	Param Intra
Sodium (mg/L)	DW-29	305	n/a	4/22/2025	240	No	17	0	No	0.01	Param Intra
Sodium (mg/L)	DW-9	559.9	n/a	4/22/2025	370	No	8	0	No	0.01	Param Intra
Sodium (mg/L)	DW-30	241.4	n/a	4/24/2025	190	No	4	0	No	0.01	Param Intra
Sodium (mg/L)	DW-31	191.5	n/a	4/28/2025	120	No	4	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-15	1732	n/a	4/24/2025	1500	No	17	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-16	219.2	n/a	4/28/2025	190	No	26	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-17	207.6	n/a	4/24/2025	180	No	17	0	No	0.01	Param Intra

Prediction Limit

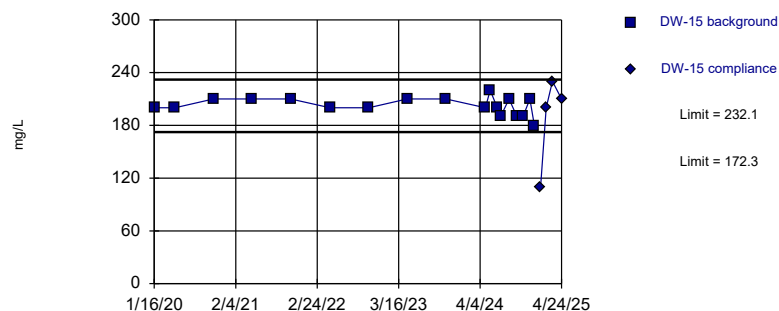
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019 Printed 6/29/2025, 2:22 PM

<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	4/22/2025	360	No	17	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-9	750	n/a	4/22/2025	670	No	8	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-30	421	n/a	4/24/2025	310	No	4	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-31	623.6	n/a	4/28/2025	430	No	4	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-15	2540	n/a	4/24/2025	2400	No	17	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-16	864.9	n/a	4/28/2025	720	No	26	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-17	718.6	n/a	4/24/2025	720	Yes	17	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-29	1071	n/a	4/22/2025	1045	No	17	0	No	0.01	Param Intra Deseas
Total Dissolved Solids (mg/L)	DW-9	1502	n/a	4/22/2025	1400	No	8	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-30	1017	n/a	4/24/2025	810	No	4	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-31	1779	n/a	4/28/2025	1300	No	4	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-15	6.139	n/a	4/24/2025	3.9	No	18	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-16	4.783	n/a	4/28/2025	0.68ND	No	26	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-17	5.405	n/a	4/24/2025	1.5	No	19	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-29	13.52	n/a	4/22/2025	6.5	No	18	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-9	7.824	n/a	4/22/2025	0.73J	No	8	0	No	0.01	Param Intra

Within Limits

Prediction Limit

Intrawell Parametric



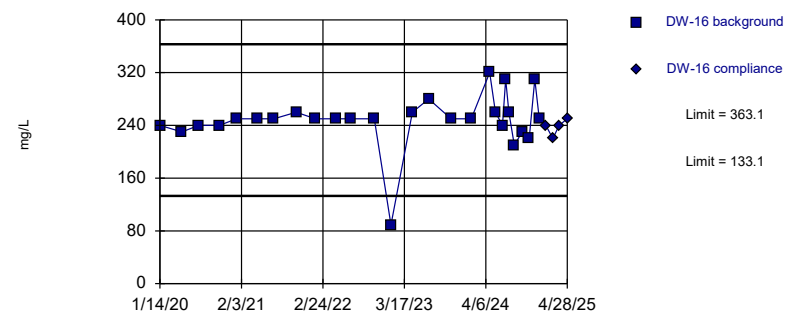
Background Data Summary: Mean=202.2, Std. Dev.=10.03, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO₃ Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limits

Prediction Limit

Intrawell Parametric



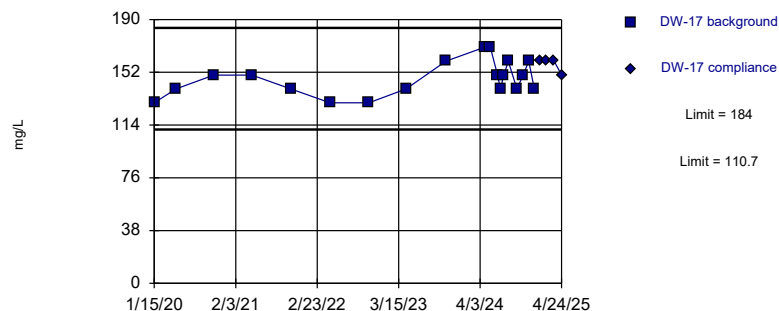
Background Data Summary: Mean=248.1, Std. Dev.=40.63, n=27. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO₃ Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limits

Prediction Limit

Intrawell Parametric



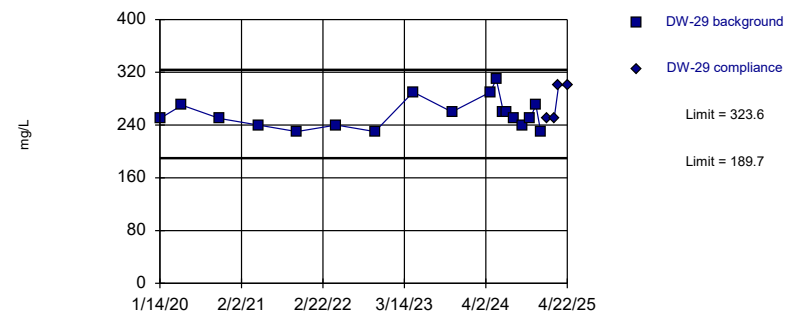
Background Data Summary: Mean=147.4, Std. Dev.=12.4, n=19. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO₃ Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limits

Prediction Limit

Intrawell Parametric



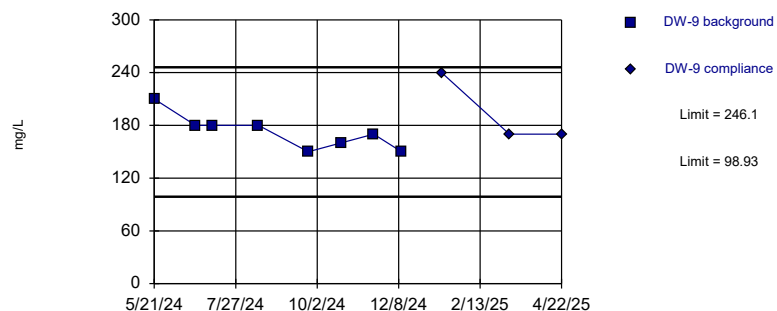
Background Data Summary: Mean=256.7, Std. Dev.=22.49, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO₃ Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limits

Prediction Limit

Intrawell Parametric



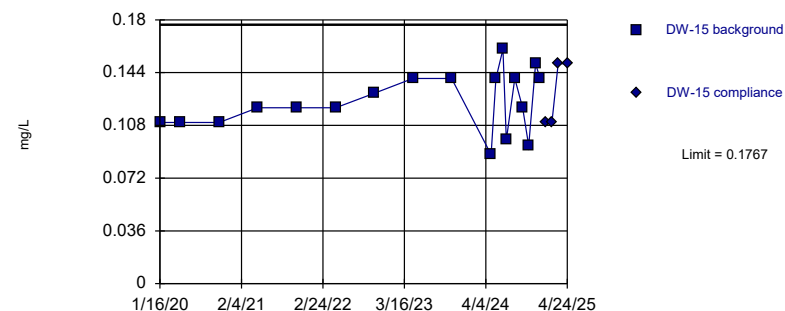
Background Data Summary: Mean=172.5, Std. Dev.=19.82, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO₃ Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



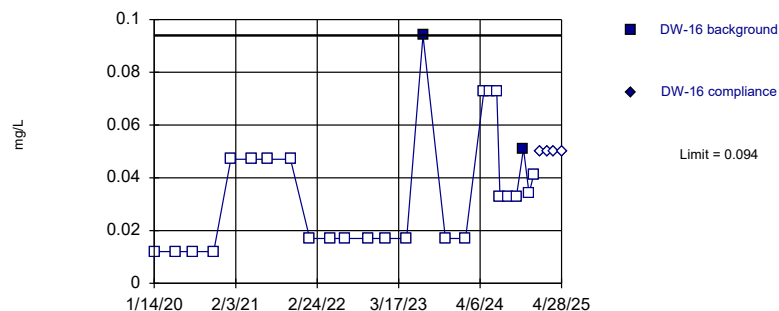
Background Data Summary: Mean=0.1239, Std. Dev.=0.02002, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Ammonia-N Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



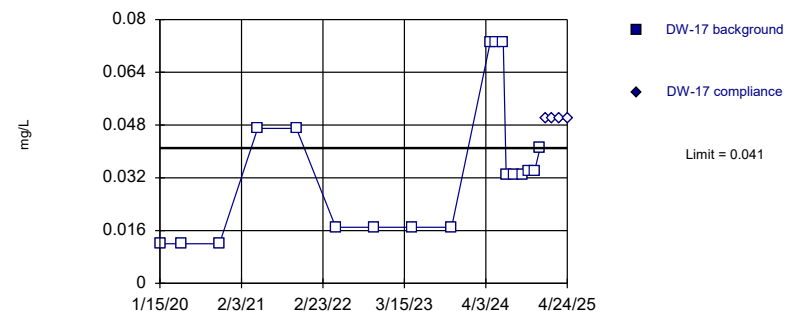
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 92.31% NDs. Report alpha = 0.03704. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Ammonia-N Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



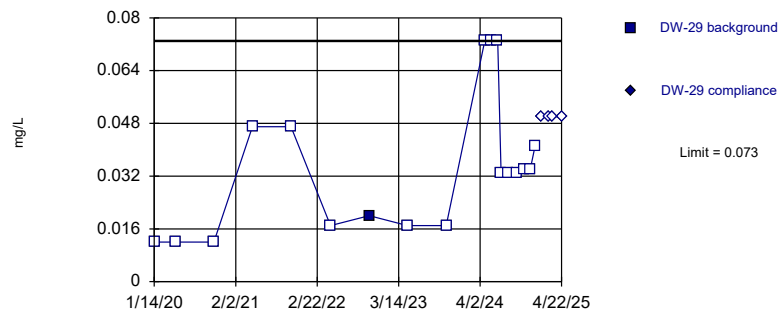
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 18) were censored; limit is most recent reporting limit. Report alpha = 0.05263. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Ammonia-N Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



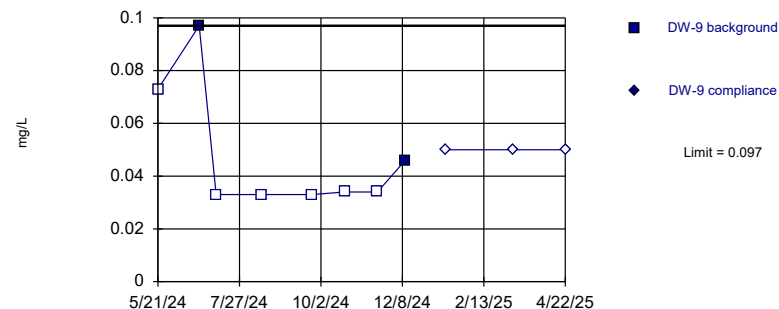
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 94.44% NDs. Report alpha = 0.05263. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Ammonia-N Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



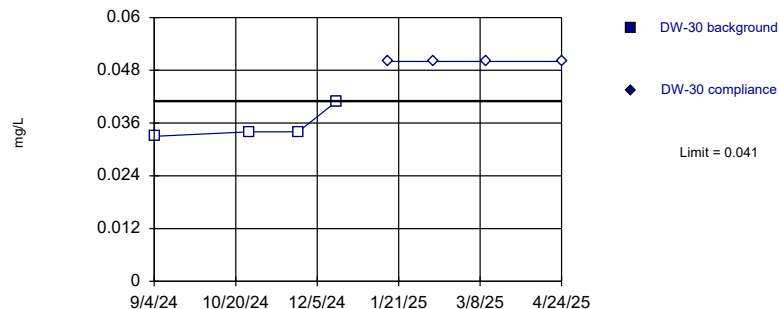
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Report alpha = 0.1111. Most recent point compared to limit. Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Ammonia-N Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



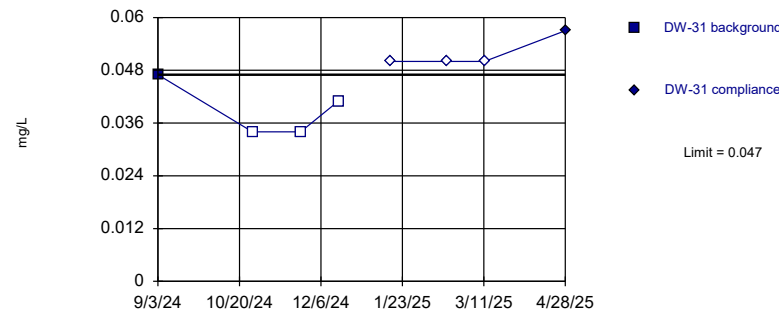
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 4) were censored; limit is most recent reporting limit. Report alpha = 0.2. Most recent point compared to limit. Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Ammonia-N Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

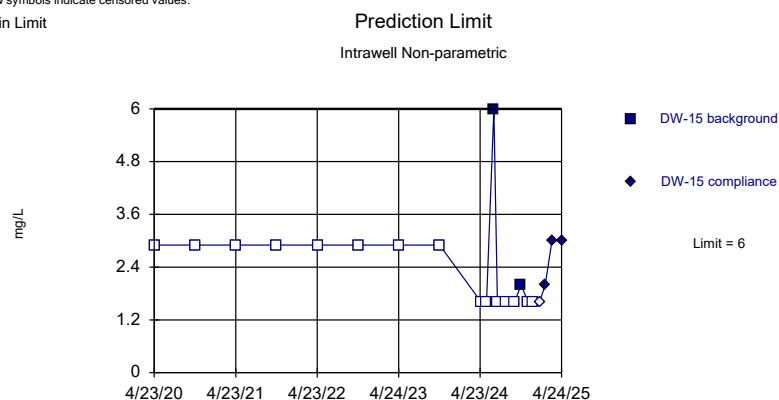
Intrawell Non-parametric



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 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

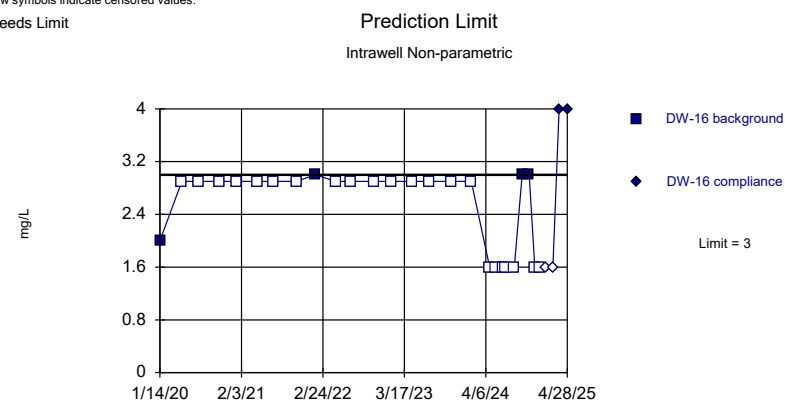
Within Limit



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 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

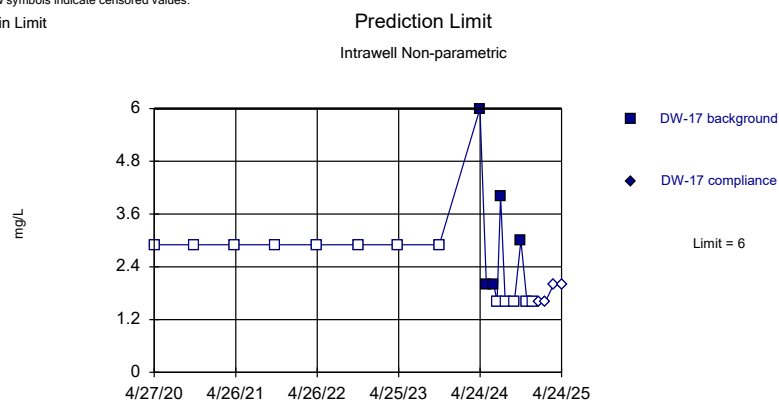
Exceeds Limit



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 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

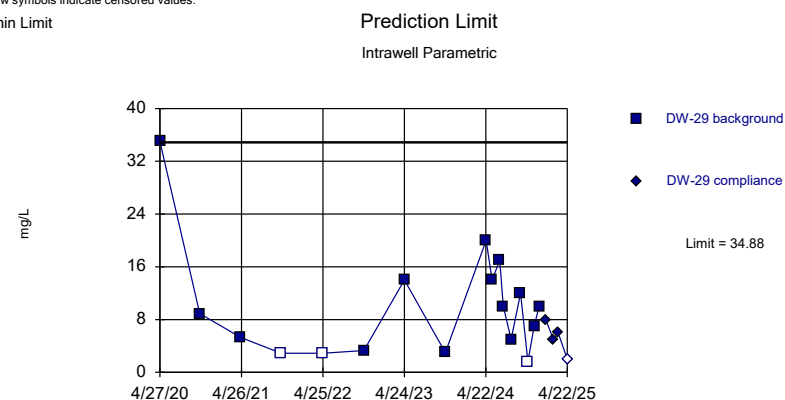
Within Limit



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 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit



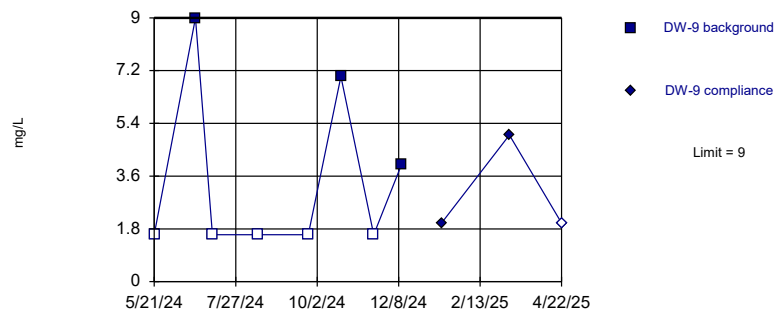
Background Data Summary (after Cohen's Adjustment): Mean=9.152, Std. Dev.=9.677, n=17, 17.65% NDs. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chemical Oxygen Demand Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



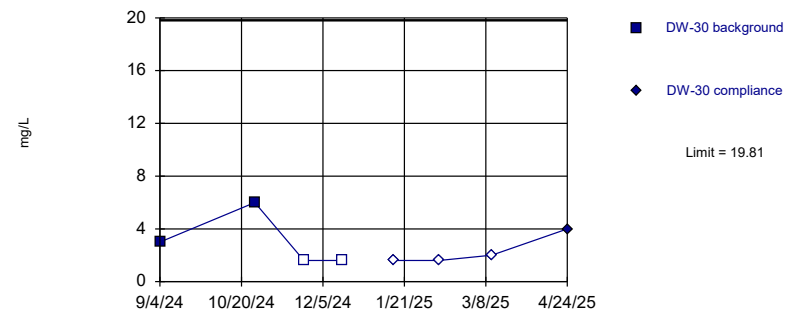
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 62.5% NDs. Report alpha = 0.1111. Most recent point compared to limit. Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Chemical Oxygen Demand Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



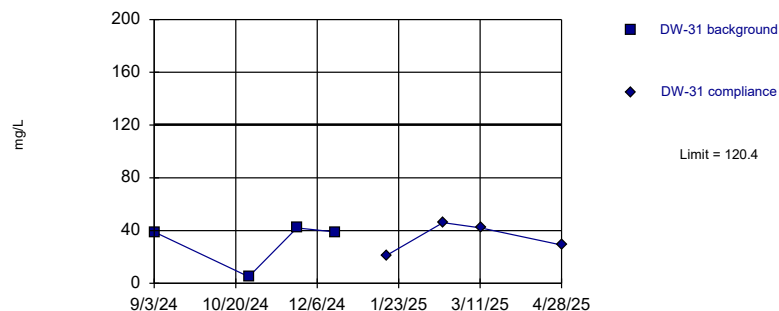
Background Data Summary (after Cohen's Adjustment): Mean=1.625, Std. Dev.=3.583, n=4, 50% NDs. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chemical Oxygen Demand Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



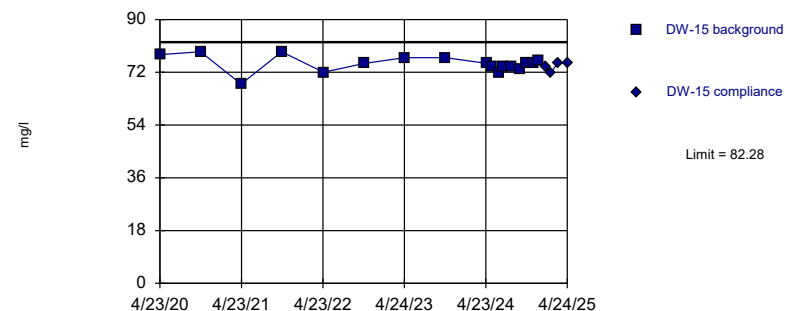
Background Data Summary: Mean=31.25, Std. Dev.=17.56, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chemical Oxygen Demand Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



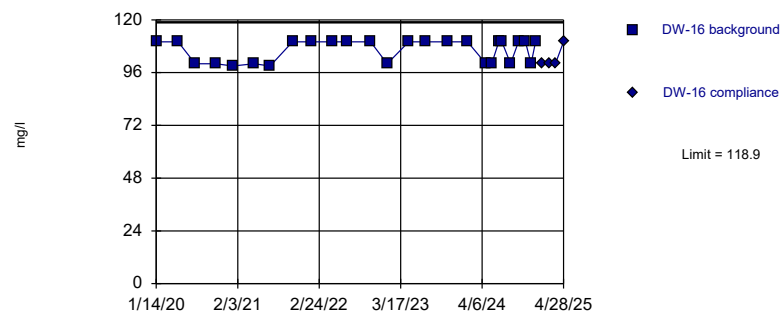
Background Data Summary: Mean=74.88, Std. Dev.=2.781, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



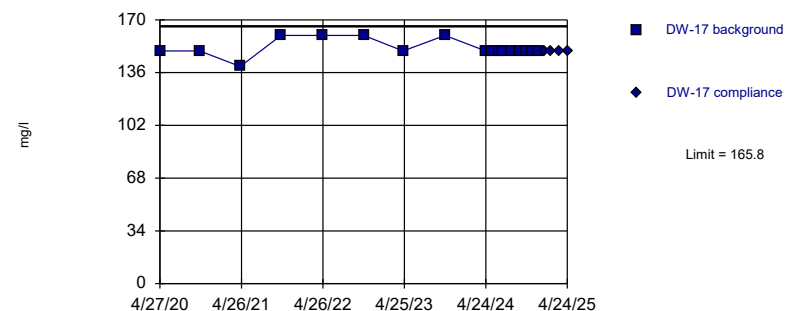
Background Data Summary: Mean=106.1, Std. Dev.=5.067, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



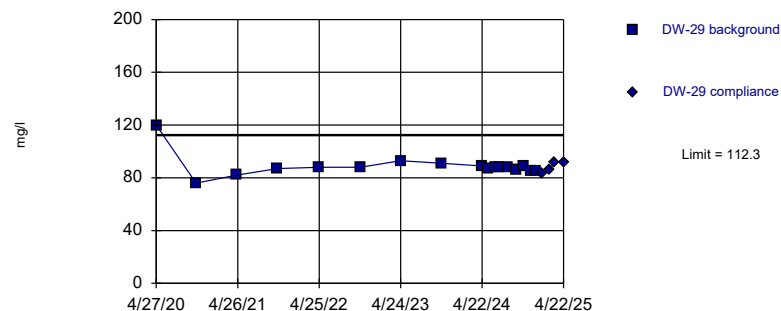
Background Data Summary: Mean=151.8, Std. Dev.=5.286, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



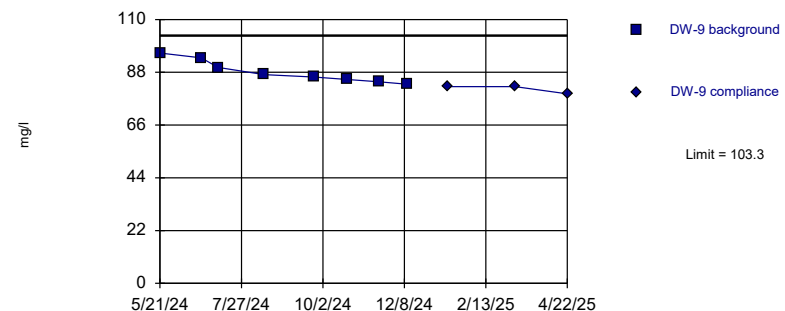
Background Data Summary: Mean=88.82, Std. Dev.=8.848, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



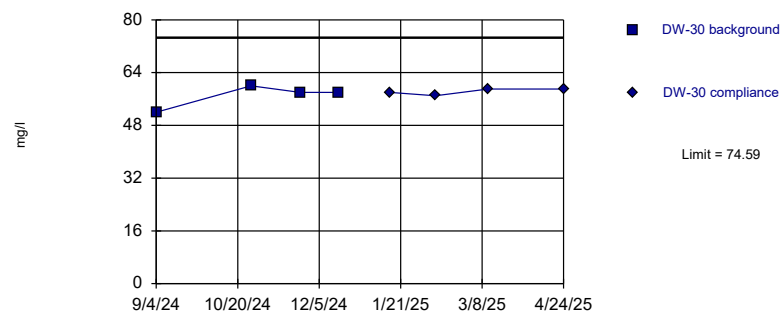
Background Data Summary: Mean=88.13, Std. Dev.=4.764, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



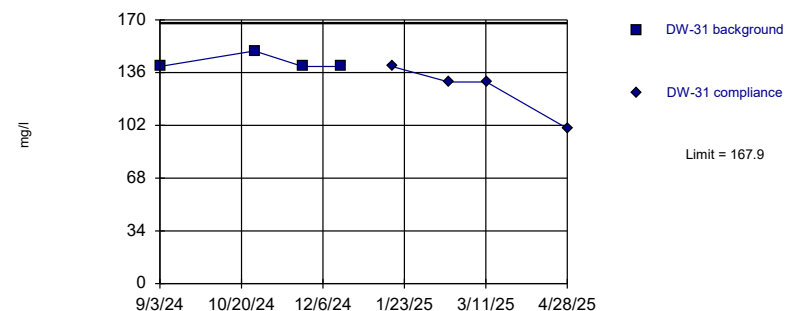
Background Data Summary: Mean=57, Std. Dev.=3.464, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



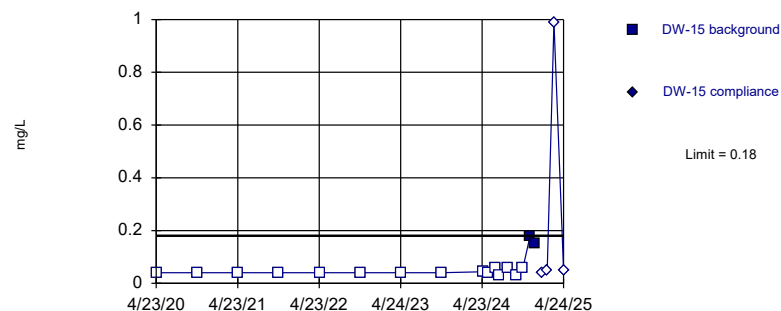
Background Data Summary: Mean=142.5, Std. Dev.=5, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



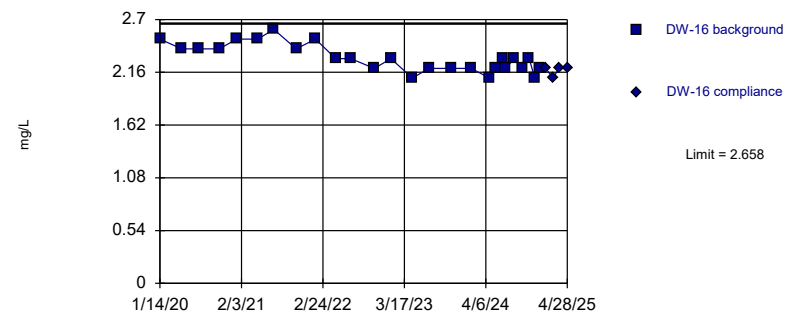
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Report alpha = 0.05556. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Nitrate as N Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



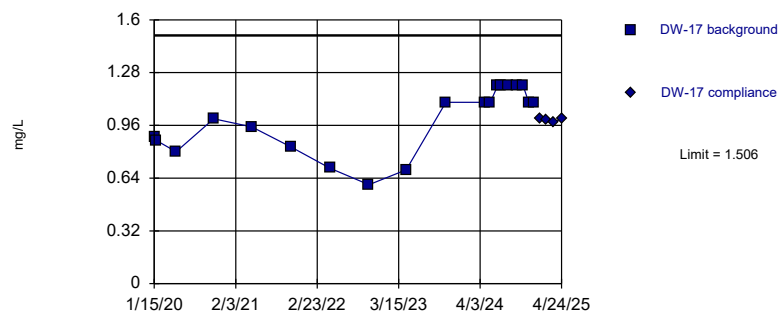
Background Data Summary: Mean=2.304, Std. Dev.=0.1399, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



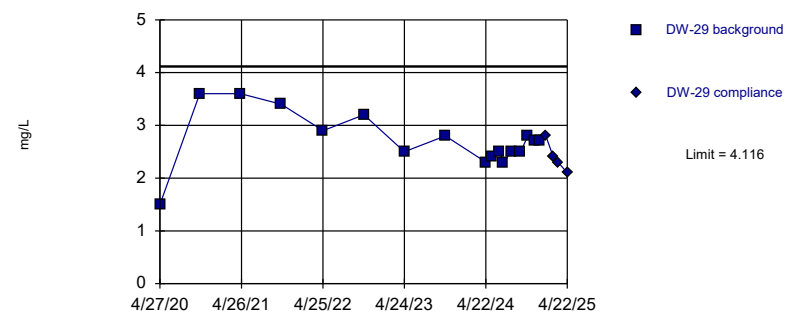
Background Data Summary: Mean=0.9911, Std. Dev.=0.1965, n=19. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



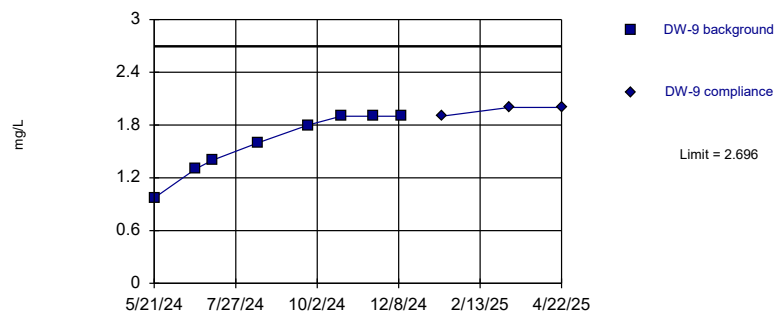
Background Data Summary: Mean=2.718, Std. Dev.=0.5259, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



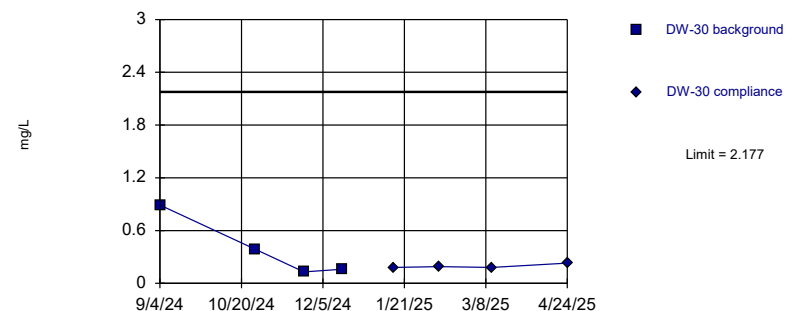
Background Data Summary: Mean=1.596, Std. Dev.=0.3457, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



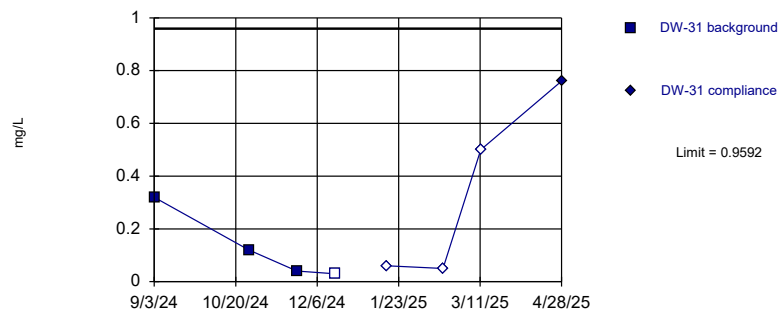
Background Data Summary: Mean=0.3925, Std. Dev.=0.3514, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



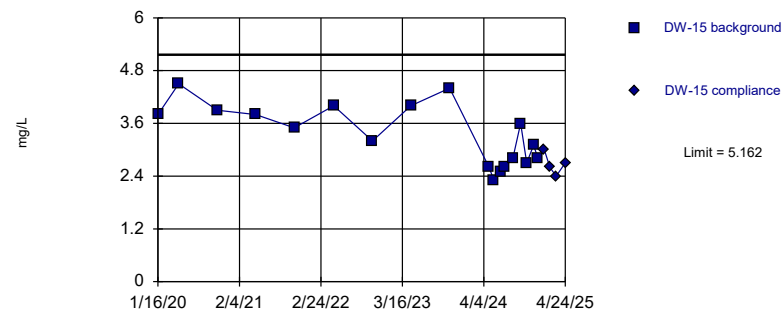
Background Data Summary (after Cohen's Adjustment): Mean=0.09929, Std. Dev.=0.1694, n=4, 25% NDs. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



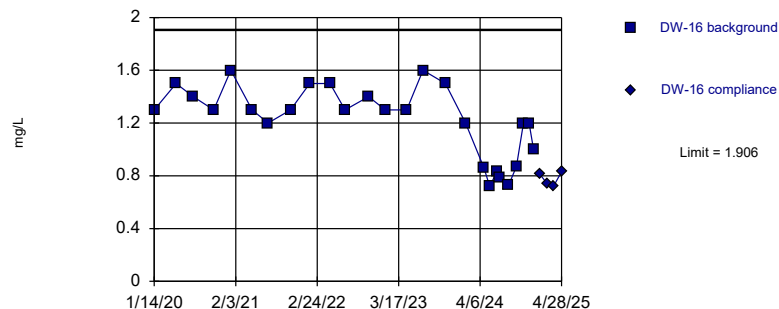
Background Data Summary: Mean=3.339, Std. Dev.=0.6912, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Potassium Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



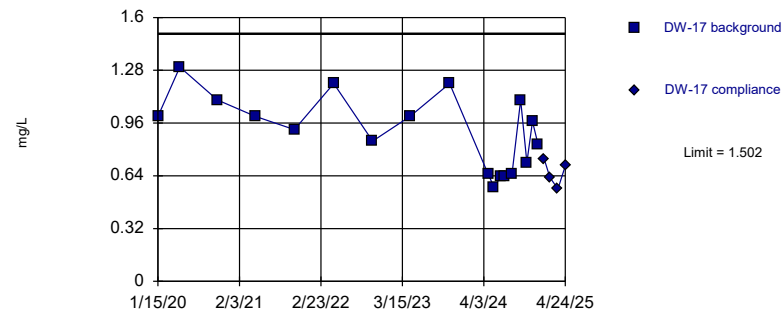
Background Data Summary: Mean=1.219, Std. Dev.=0.2714, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Potassium Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



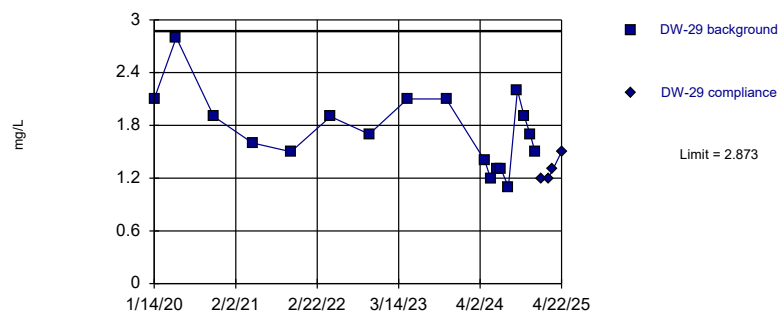
Background Data Summary: Mean=0.9078, Std. Dev.=0.2253, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Potassium Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



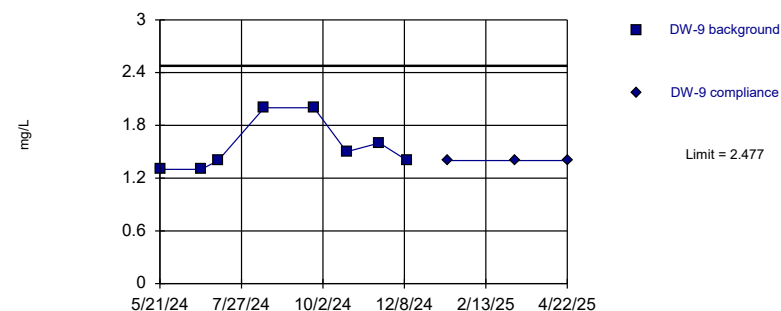
Background Data Summary: Mean=1.739, Std. Dev.=0.43, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Potassium Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



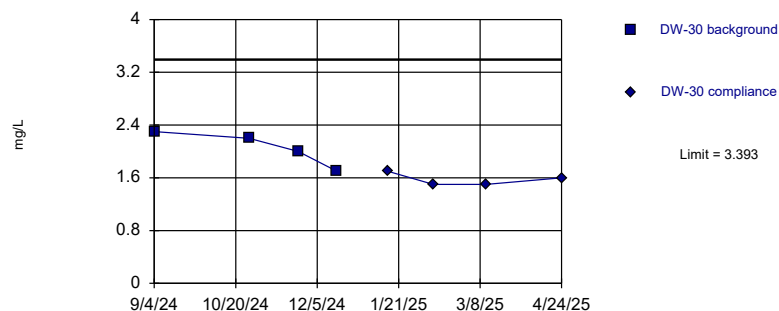
Background Data Summary: Mean=1.563, Std. Dev.=0.2875, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Potassium Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



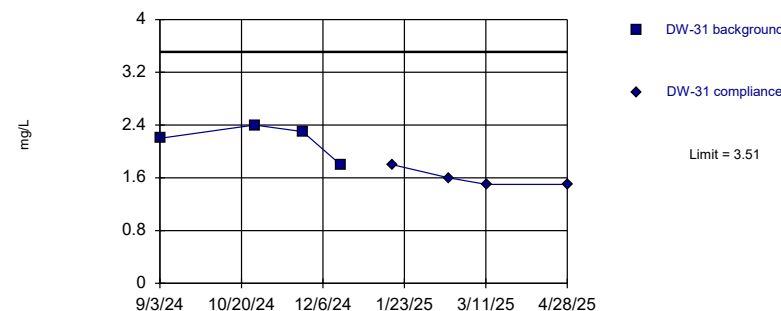
Background Data Summary: Mean=2.05, Std. Dev.=0.2646, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Potassium Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



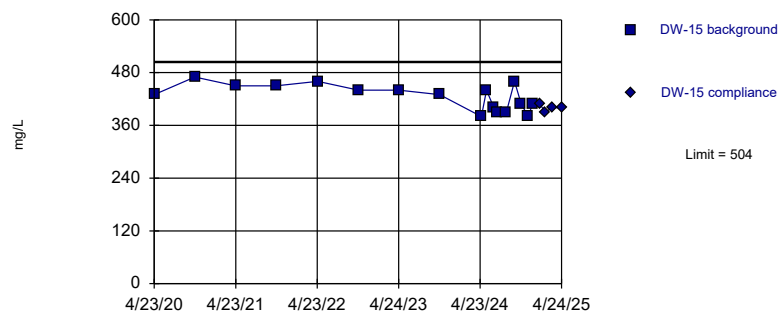
Background Data Summary: Mean=2.175, Std. Dev.=0.263, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Potassium Analysis Run 6/29/2025 2:21 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



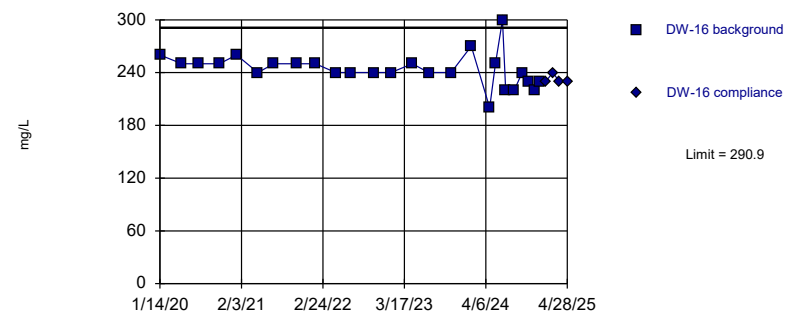
Background Data Summary: Mean=425.3, Std. Dev.=29.61, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 6/29/2025 2:22 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



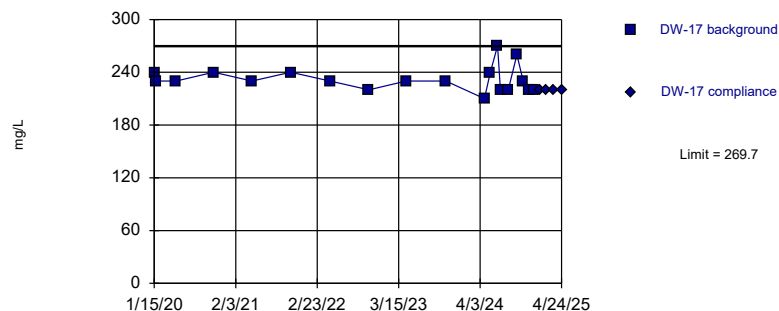
Background Data Summary: Mean=243.5, Std. Dev.=18.75, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 6/29/2025 2:22 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



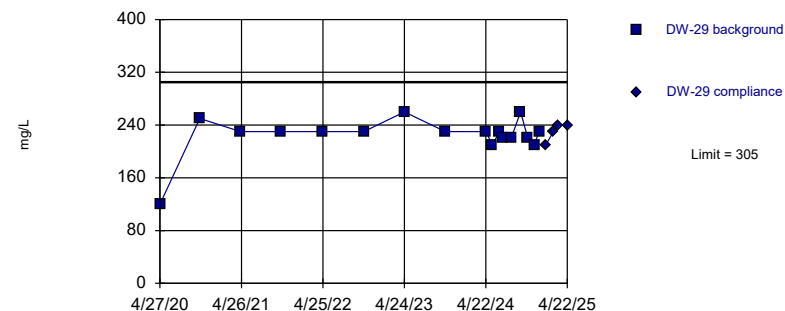
Background Data Summary: Mean=232.1, Std. Dev.=14.37, n=19. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 6/29/2025 2:22 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



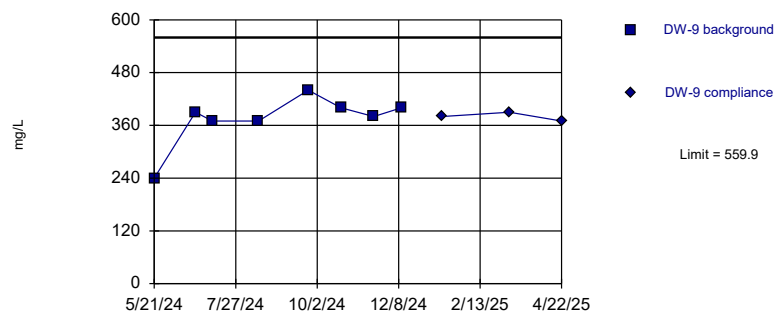
Background Data Summary: Mean=224.1, Std. Dev.=30.43, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 6/29/2025 2:22 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



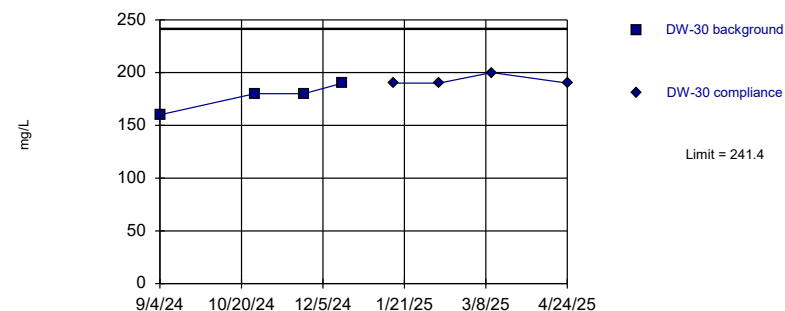
Background Data Summary: Mean=373.8, Std. Dev.=58.54, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 6/29/2025 2:22 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



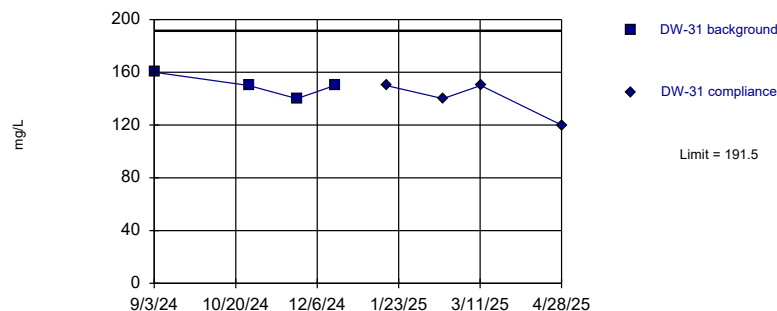
Background Data Summary: Mean=177.5, Std. Dev.=12.58, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 6/29/2025 2:22 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



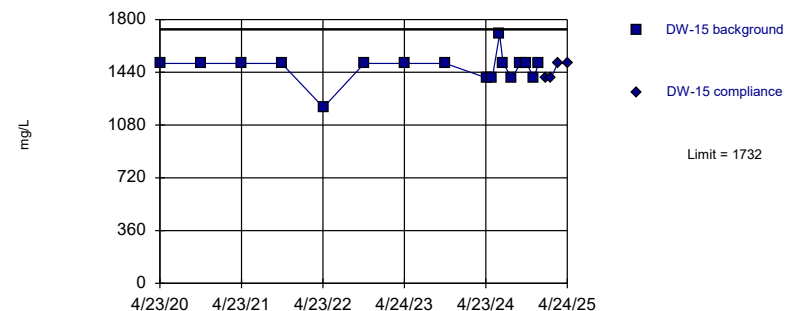
Background Data Summary: Mean=150, Std. Dev.=8.165, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 6/29/2025 2:22 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



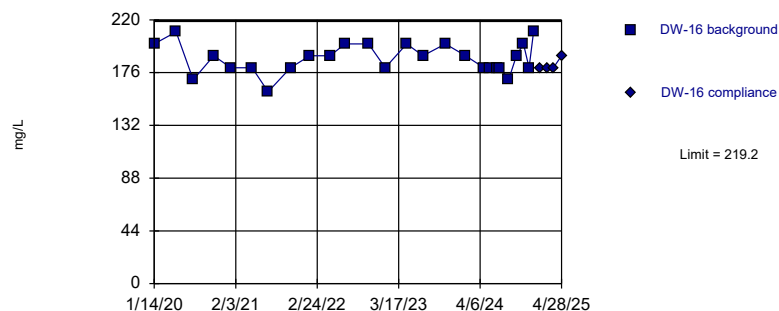
Background Data Summary: Mean=1471, Std. Dev.=98.52, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 6/29/2025 2:22 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



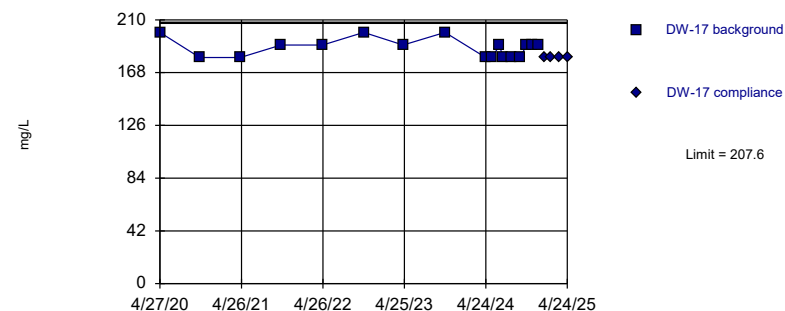
Background Data Summary: Mean=187.7, Std. Dev.=12.43, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 6/29/2025 2:22 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

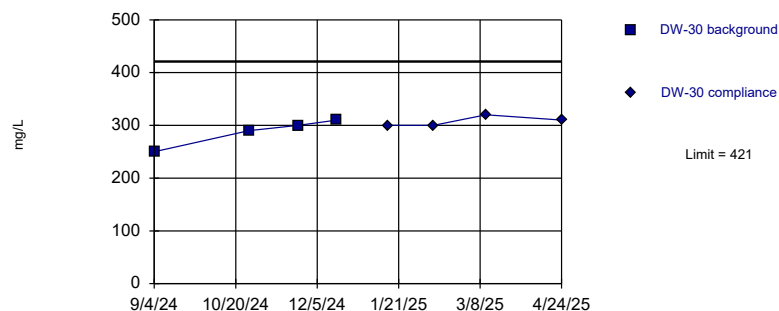
Intrawell Parametric



Within Limit

Prediction Limit

Intrawell Parametric



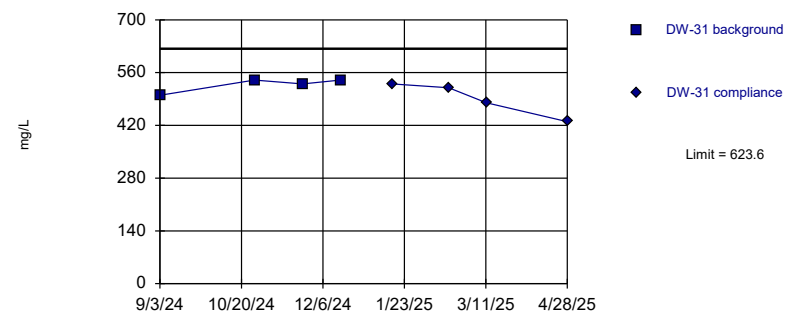
Background Data Summary: Mean=287.5, Std. Dev.=26.3, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 6/29/2025 2:22 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



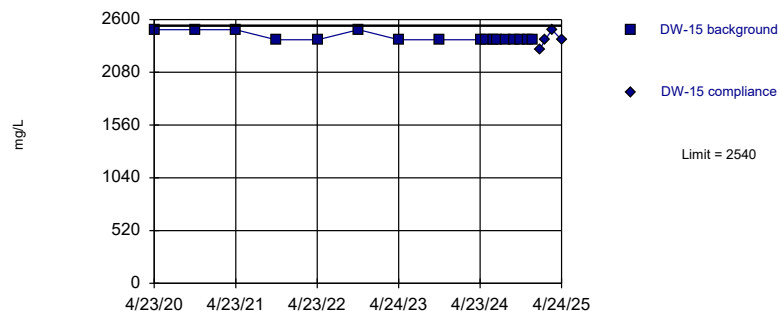
Background Data Summary: Mean=527.5, Std. Dev.=18.93, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 6/29/2025 2:22 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



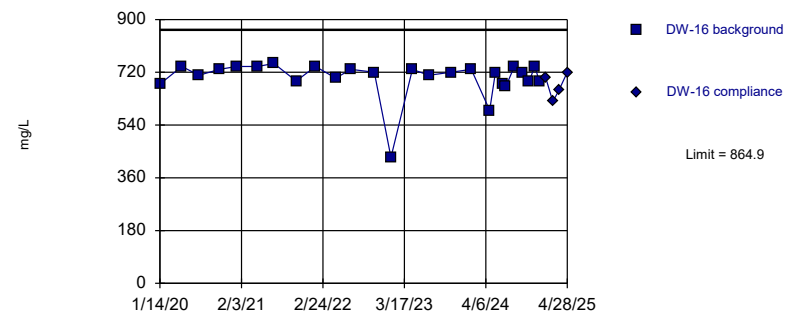
Background Data Summary: Mean=2424, Std. Dev.=43.72, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 6/29/2025 2:22 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



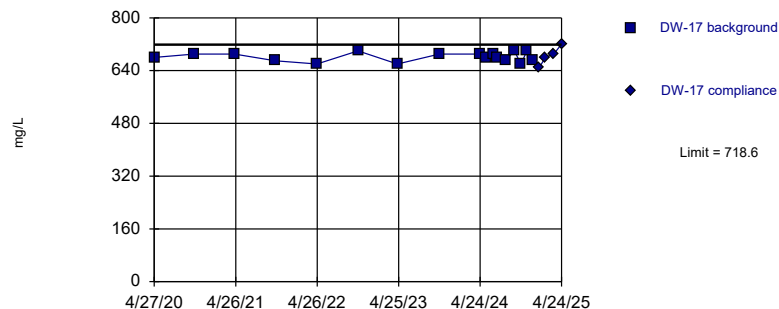
Background Data Summary: Mean=701.2, Std. Dev.=64.64, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 6/29/2025 2:22 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Exceeds Limit

Prediction Limit

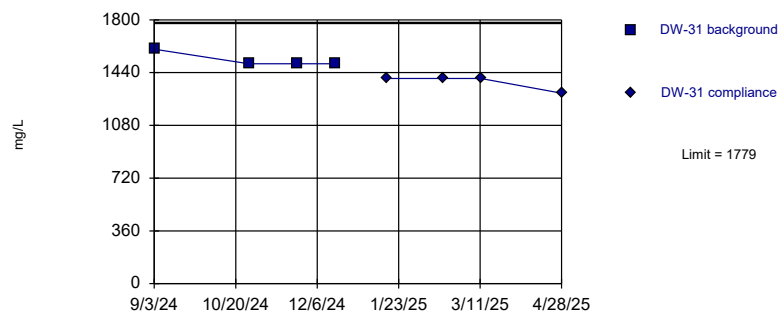
Intrawell Parametric



Within Limit

Prediction Limit

Intrawell Parametric



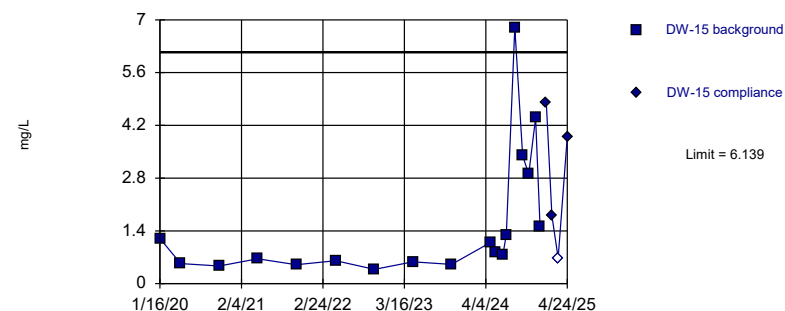
Background Data Summary: Mean=1525, Std. Dev.=50, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 6/29/2025 2:22 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



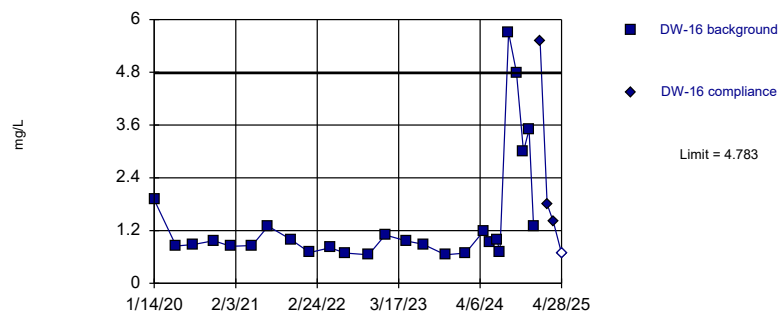
Background Data Summary: Mean=1.58, Std. Dev.=1.729, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Organic Carbon Analysis Run 6/29/2025 2:22 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



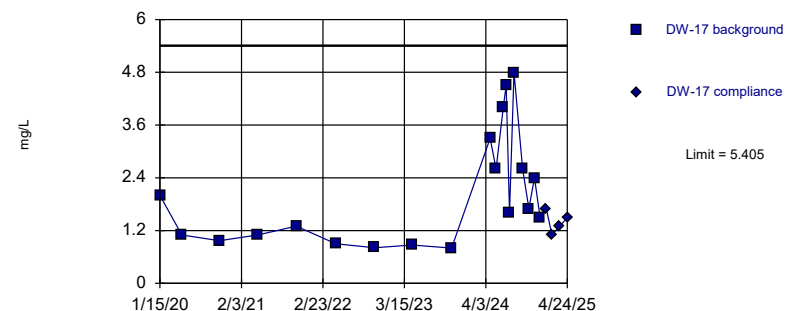
Background Data Summary: Mean=1.457, Std. Dev.=1.314, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Organic Carbon Analysis Run 6/29/2025 2:22 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric

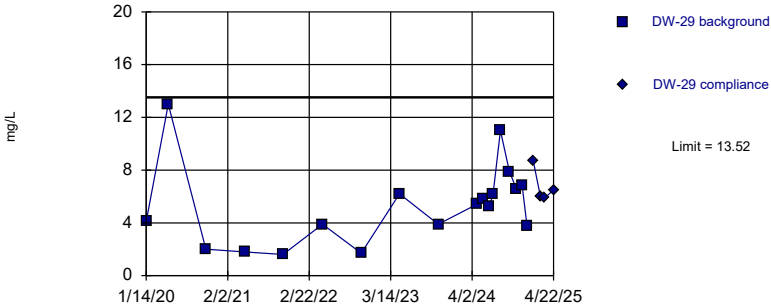


Background Data Summary: Mean=2.045, Std. Dev.=1.283, n=19. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Organic Carbon Analysis Run 6/29/2025 2:22 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit
Intrawell Parametric

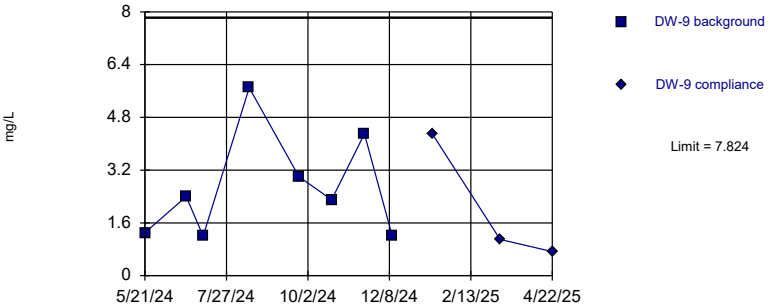


Background Data Summary: Mean=5.389, Std. Dev.=3.083, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Organic Carbon Analysis Run 6/29/2025 2:22 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 6/29/2025 2:22 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 6/29/2025, 2:43 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	5/14/2025	200	No	18	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-16	363.1	133.1	5/15/2025	230	No	27	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-17	184	110.7	5/14/2025	140	No	19	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-29	323.6	189.7	5/13/2025	270	No	18	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-9	246.1	98.93	5/12/2025	150	No	8	0	No	0.005	Param Intra
Ammonia-N (mg/L)	DW-15	0.1767	n/a	5/14/2025	0.16	No	18	0	No	0.01	Param Intra
Ammonia-N (mg/L)	DW-16	0.094	n/a	5/15/2025	0.05ND	No	26	92.31	n/a	0.03704	NP Intra (NDs)
Ammonia-N (mg/L)	DW-17	0.041	n/a	5/14/2025	0.05ND	No	18	100	n/a	0.05263	NP Intra (NDs)
Ammonia-N (mg/L)	DW-29	0.073	n/a	5/13/2025	0.05ND	No	18	94.44	n/a	0.05263	NP Intra (NDs)
Ammonia-N (mg/L)	DW-9	0.097	n/a	5/12/2025	0.051J	No	8	75	n/a	0.1111	NP Intra (NDs)
Ammonia-N (mg/L)	DW-30	0.041	n/a	5/15/2025	0.05ND	No	4	100	n/a	0.2	NP Intra (NDs)
Ammonia-N (mg/L)	DW-31	0.047	n/a	5/12/2025	0.06J	No	4	75	n/a	0.2	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-15	6	n/a	5/14/2025	10	Yes	17	88.24	n/a	0.05556	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-16	3	n/a	5/15/2025	12	Yes	26	84.62	n/a	0.03704	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-17	6	n/a	5/14/2025	4	No	18	72.22	n/a	0.05263	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-29	34.88	n/a	5/13/2025	26	No	17	17.65	No	0.01	Param Intra
Chemical Oxygen Demand (mg/L)	DW-9	9	n/a	5/12/2025	12	Yes	8	62.5	n/a	0.1111	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-30	19.81	n/a	5/15/2025	11	No	4	50	No	0.01	Param Intra
Chemical Oxygen Demand (mg/L)	DW-31	120.4	n/a	5/12/2025	37	No	4	0	No	0.01	Param Intra
Chloride (mg/l)	DW-15	82.28	n/a	5/14/2025	76	No	17	0	No	0.01	Param Intra
Chloride (mg/l)	DW-16	118.9	n/a	5/15/2025	110	No	26	0	No	0.01	Param Intra
Chloride (mg/l)	DW-17	165.8	n/a	5/14/2025	150	No	17	0	No	0.01	Param Intra
Chloride (mg/l)	DW-29	112.3	n/a	5/13/2025	94	No	17	0	No	0.01	Param Intra
Chloride (mg/l)	DW-9	103.3	n/a	5/12/2025	80	No	8	0	No	0.01	Param Intra
Chloride (mg/l)	DW-30	74.59	n/a	5/15/2025	59	No	4	0	No	0.01	Param Intra
Chloride (mg/l)	DW-31	167.9	n/a	5/12/2025	87	No	4	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-15	0.18	n/a	5/14/2025	0.05ND	No	17	88.24	n/a	0.05556	NP Intra (NDs)
Nitrate as N (mg/L)	DW-16	2.658	n/a	5/15/2025	2.4	No	26	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-17	1.506	n/a	5/14/2025	1	No	19	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-29	3.933	n/a	5/13/2025	2.486	No	17	0	No	0.01	Param Intra Deseas
Nitrate as N (mg/L)	DW-9	2.696	n/a	5/12/2025	2.2	No	8	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-30	2.177	n/a	5/15/2025	0.22	No	4	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-31	0.9592	n/a	5/12/2025	0.59	No	4	25	No	0.01	Param Intra
Potassium (mg/L)	DW-15	4.819	n/a	5/14/2025	3.212	No	18	0	No	0.01	Param Intra Deseas
Potassium (mg/L)	DW-16	1.906	n/a	5/15/2025	0.73	No	26	0	No	0.01	Param Intra
Potassium (mg/L)	DW-17	1.502	n/a	5/14/2025	0.63	No	18	0	No	0.01	Param Intra
Potassium (mg/L)	DW-29	2.873	n/a	5/13/2025	1.4	No	18	0	No	0.01	Param Intra
Potassium (mg/L)	DW-9	2.477	n/a	5/12/2025	1.3	No	8	0	No	0.01	Param Intra
Potassium (mg/L)	DW-30	3.393	n/a	5/15/2025	1.6	No	4	0	No	0.01	Param Intra
Potassium (mg/L)	DW-31	3.51	n/a	5/12/2025	1.4	No	4	0	No	0.01	Param Intra
Sodium (mg/L)	DW-15	504	n/a	5/14/2025	410	No	17	0	No	0.01	Param Intra
Sodium (mg/L)	DW-16	290.9	n/a	5/15/2025	230	No	26	0	No	0.01	Param Intra
Sodium (mg/L)	DW-17	269.7	n/a	5/14/2025	220	No	19	0	No	0.01	Param Intra
Sodium (mg/L)	DW-29	305	n/a	5/13/2025	250	No	17	0	No	0.01	Param Intra
Sodium (mg/L)	DW-9	559.9	n/a	5/12/2025	380	No	8	0	No	0.01	Param Intra
Sodium (mg/L)	DW-30	241.4	n/a	5/15/2025	190	No	4	0	No	0.01	Param Intra
Sodium (mg/L)	DW-31	191.5	n/a	5/12/2025	120	No	4	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-15	1732	n/a	5/14/2025	1500	No	17	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-16	219.2	n/a	5/15/2025	200	No	26	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-17	207.6	n/a	5/14/2025	190	No	17	0	No	0.01	Param Intra

Prediction Limit

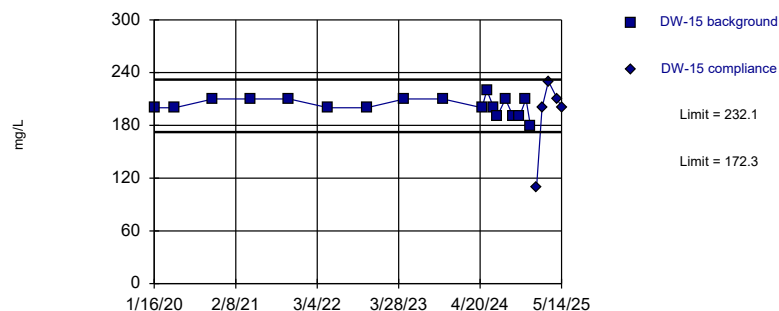
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019 Printed 6/29/2025, 2:43 PM

<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	5/13/2025	370	No	17	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-9	750	n/a	5/12/2025	690	No	8	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-30	421	n/a	5/15/2025	350	No	4	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-31	623.6	n/a	5/12/2025	370	No	4	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-15	2540	n/a	5/14/2025	2400	No	17	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-16	864.9	n/a	5/15/2025	730	No	26	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-17	718.6	n/a	5/14/2025	700	No	17	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-29	1073	n/a	5/13/2025	951.8	No	17	0	No	0.01	Param Intra Deseas
Total Dissolved Solids (mg/L)	DW-9	1502	n/a	5/12/2025	1400	No	8	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-30	1017	n/a	5/15/2025	800	No	4	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-31	1779	n/a	5/12/2025	1200	No	4	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-15	6.139	n/a	5/14/2025	0.96J	No	18	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-16	4.783	n/a	5/15/2025	1.7	No	26	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-17	5.405	n/a	5/14/2025	0.68ND	No	19	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-29	13.52	n/a	5/13/2025	7.7	No	18	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-9	7.824	n/a	5/12/2025	0.68ND	No	8	0	No	0.01	Param Intra

Within Limits

Prediction Limit

Intrawell Parametric



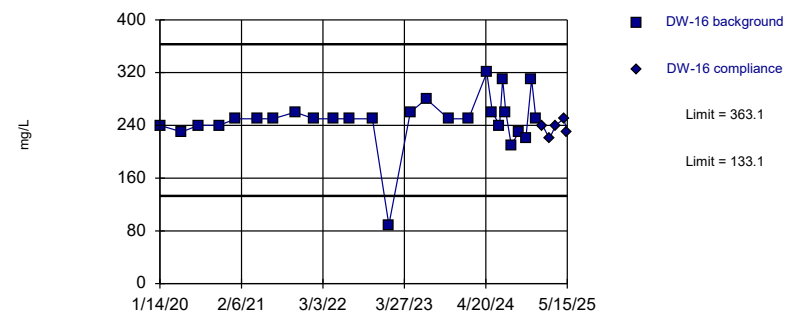
Background Data Summary: Mean=202.2, Std. Dev.=10.03, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO₃ Analysis Run 6/29/2025 2:41 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limits

Prediction Limit

Intrawell Parametric



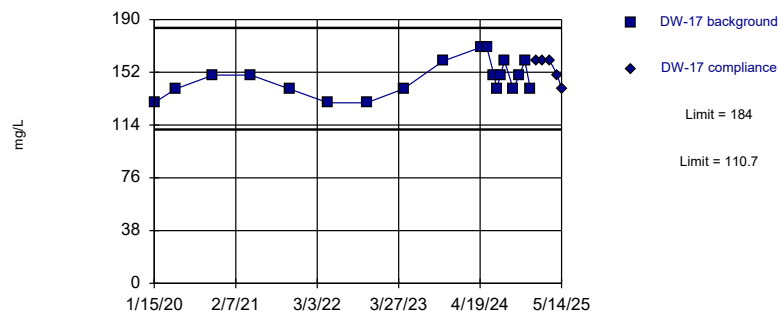
Background Data Summary: Mean=248.1, Std. Dev.=40.63, n=27. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO₃ Analysis Run 6/29/2025 2:41 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limits

Prediction Limit

Intrawell Parametric



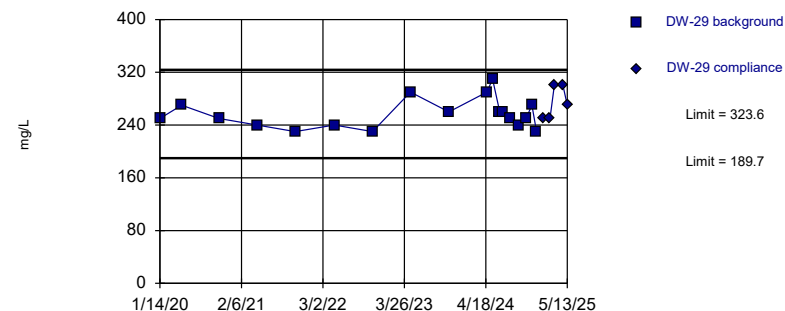
Background Data Summary: Mean=147.4, Std. Dev.=12.4, n=19. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO₃ Analysis Run 6/29/2025 2:41 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limits

Prediction Limit

Intrawell Parametric



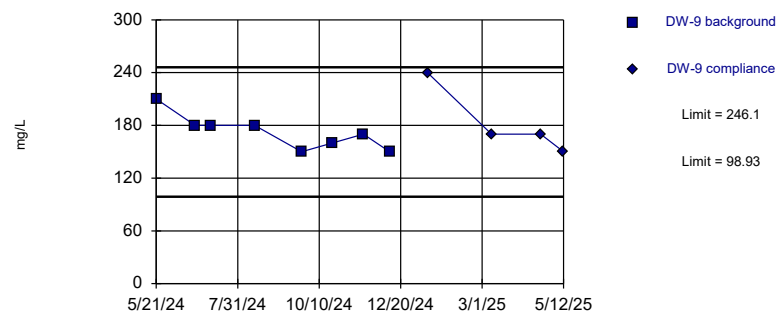
Background Data Summary: Mean=256.7, Std. Dev.=22.49, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO₃ Analysis Run 6/29/2025 2:41 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limits

Prediction Limit

Intrawell Parametric



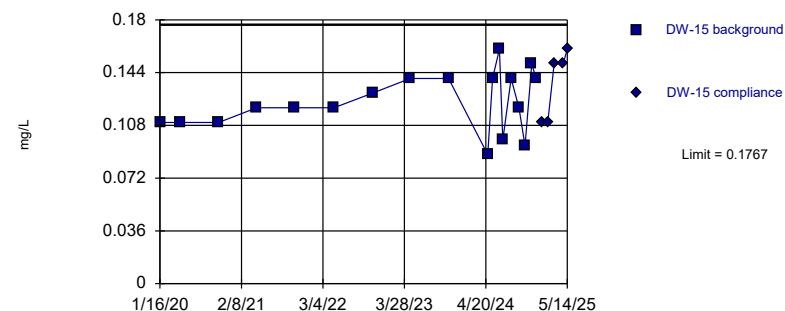
Background Data Summary: Mean=172.5, Std. Dev.=19.82, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO₃ Analysis Run 6/29/2025 2:41 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



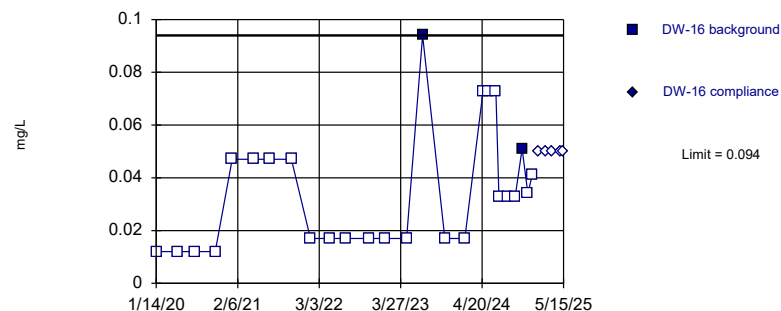
Background Data Summary: Mean=0.1239, Std. Dev.=0.02002, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Ammonia-N Analysis Run 6/29/2025 2:41 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



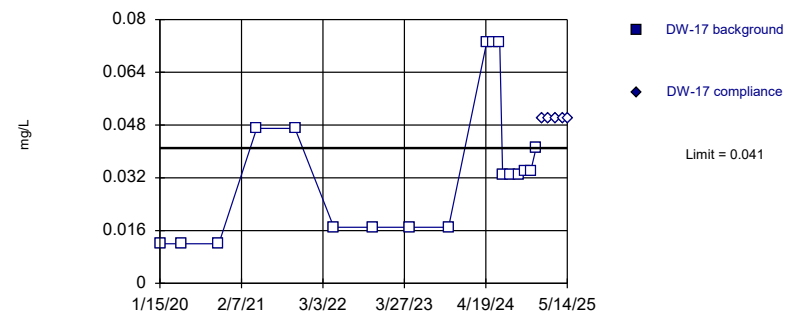
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 92.31% NDs. Report alpha = 0.03704. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Ammonia-N Analysis Run 6/29/2025 2:41 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



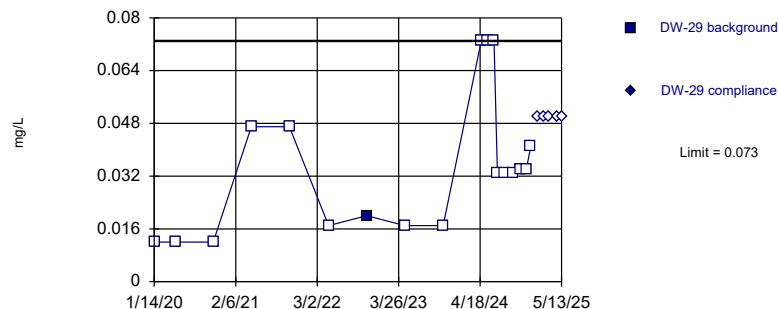
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 18) were censored; limit is most recent reporting limit. Report alpha = 0.05263. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Ammonia-N Analysis Run 6/29/2025 2:41 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



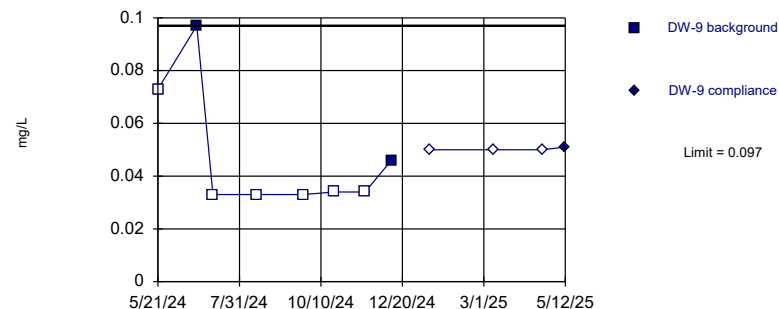
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 94.44% NDs. Report alpha = 0.05263. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Ammonia-N Analysis Run 6/29/2025 2:41 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



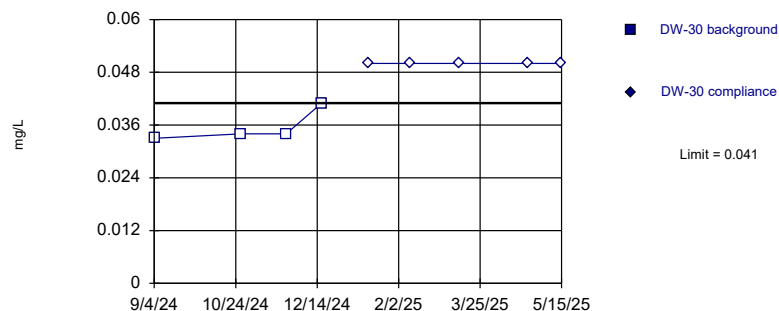
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Report alpha = 0.1111. Most recent point compared to limit. Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Ammonia-N Analysis Run 6/29/2025 2:41 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



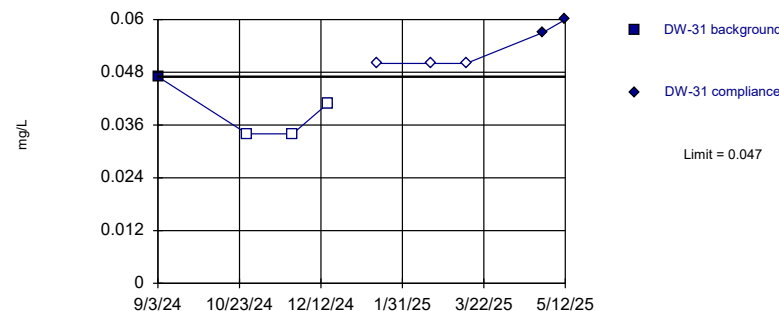
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 4) were censored; limit is most recent reporting limit. Report alpha = 0.2. Most recent point compared to limit. Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Ammonia-N Analysis Run 6/29/2025 2:41 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

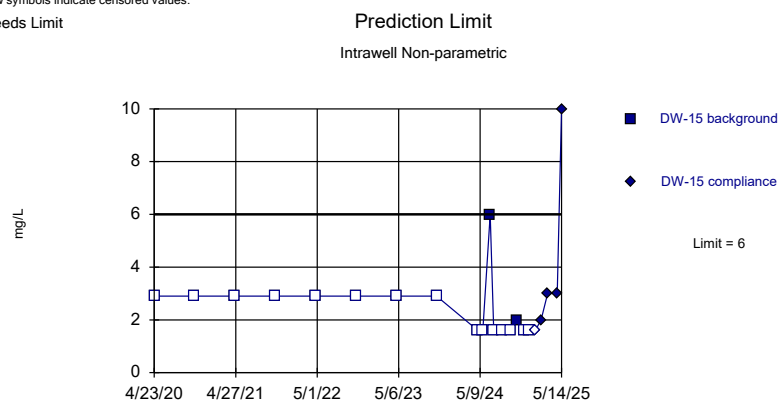
Intrawell Non-parametric



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 6/29/2025 2:41 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

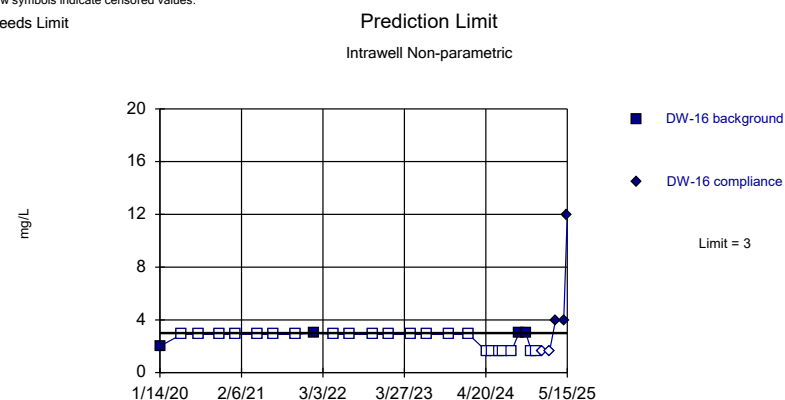
Exceeds Limit



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 6/29/2025 2:41 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

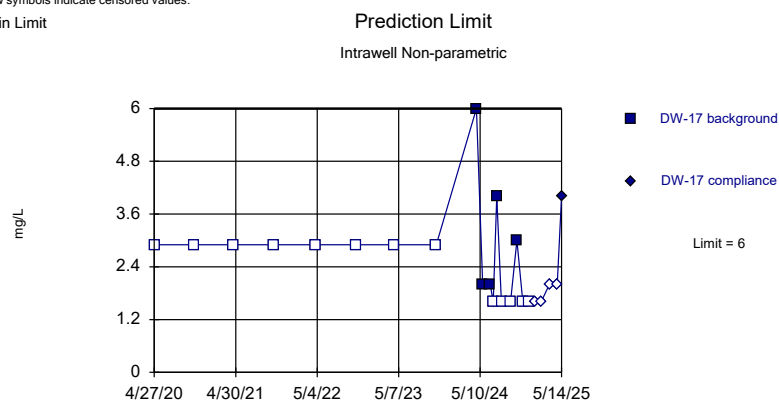
Exceeds Limit



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 6/29/2025 2:41 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

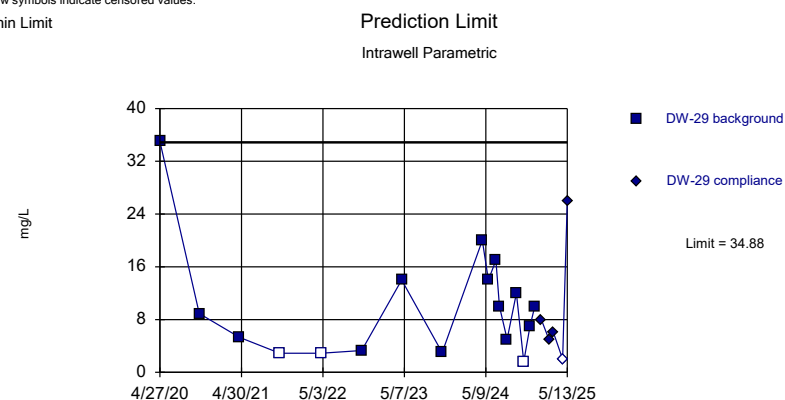
Within Limit



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 6/29/2025 2:41 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit



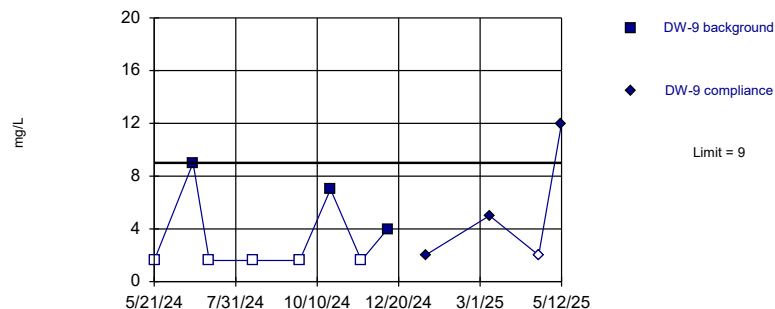
Background Data Summary (after Cohen's Adjustment): Mean=9.152, Std. Dev.=9.677, n=17, 17.65% NDs. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chemical Oxygen Demand Analysis Run 6/29/2025 2:41 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Exceeds Limit

Prediction Limit

Intrawell Non-parametric

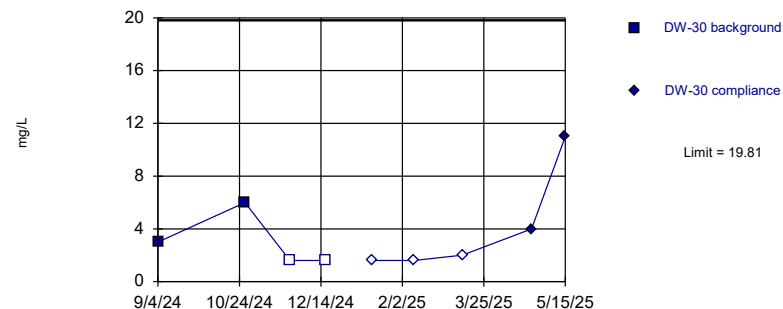


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 62.5% NDs. Report alpha = 0.1111. Most recent point compared to limit. Insufficient data to test for seasonality: data were not deseasonalized.

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.

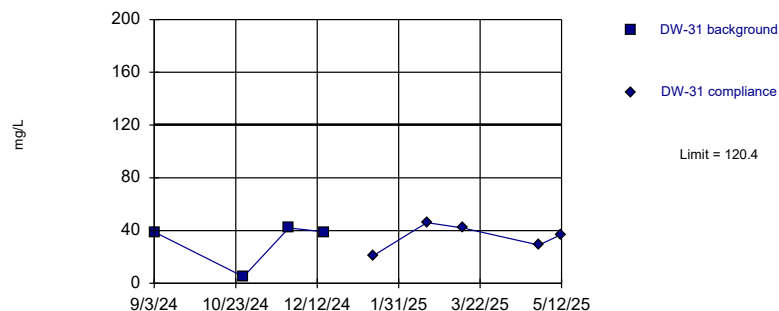
Constituent: Chemical Oxygen Demand Analysis Run 6/29/2025 2:41 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Constituent: Chemical Oxygen Demand Analysis Run 6/29/2025 2:41 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric

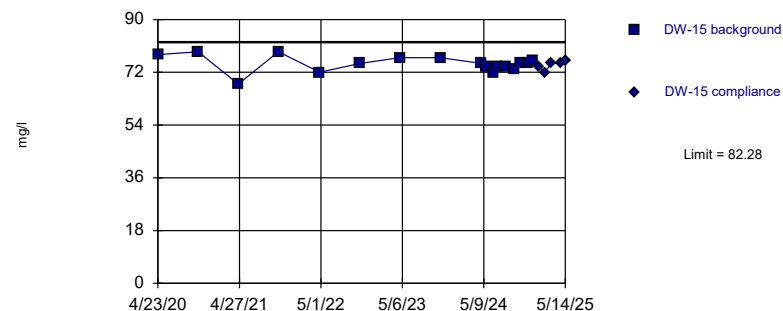


Background Data Summary: Mean=31.25, Std. Dev.=17.56, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

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.

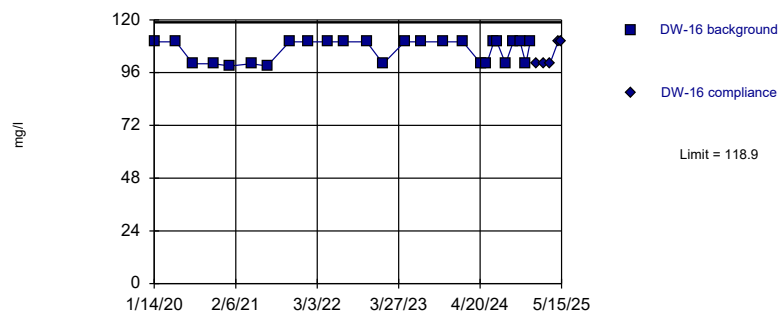
Constituent: Chemical Oxygen Demand Analysis Run 6/29/2025 2:41 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Constituent: Chloride Analysis Run 6/29/2025 2:41 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



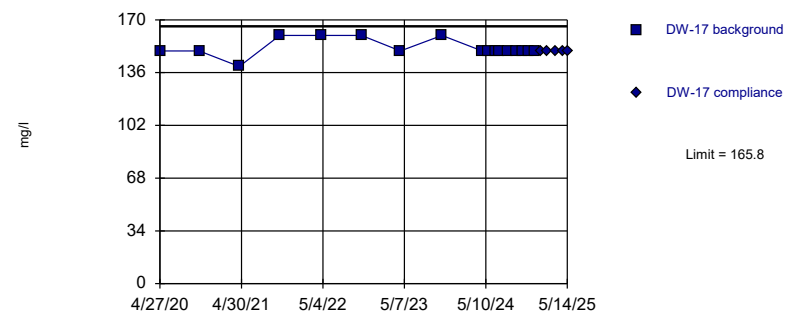
Background Data Summary: Mean=106.1, Std. Dev.=5.067, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 6/29/2025 2:41 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



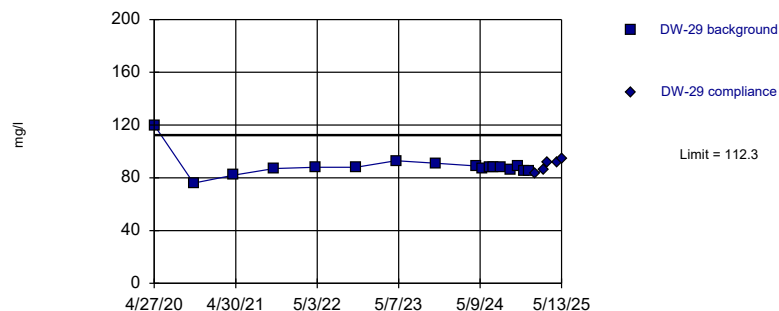
Background Data Summary: Mean=151.8, Std. Dev.=5.286, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 6/29/2025 2:41 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



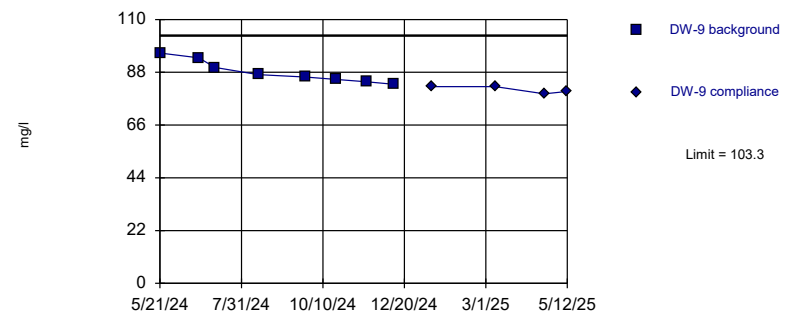
Background Data Summary: Mean=88.82, Std. Dev.=8.848, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 6/29/2025 2:41 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



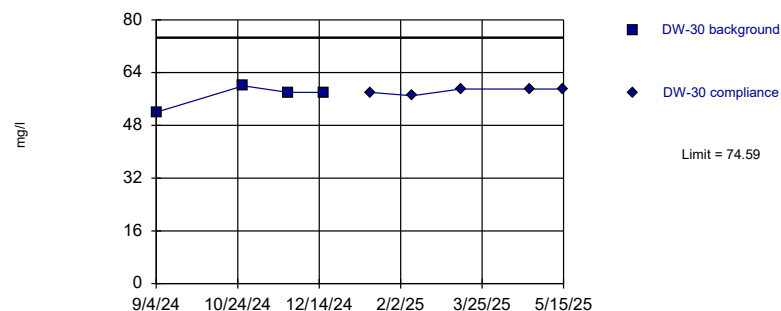
Background Data Summary: Mean=88.13, Std. Dev.=4.764, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 6/29/2025 2:41 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



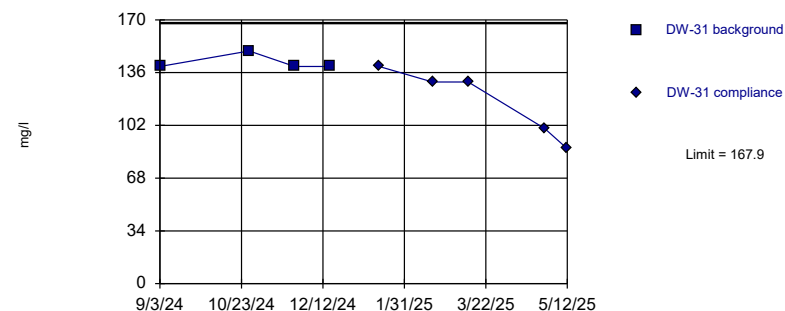
Background Data Summary: Mean=57, Std. Dev.=3.464, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 6/29/2025 2:41 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



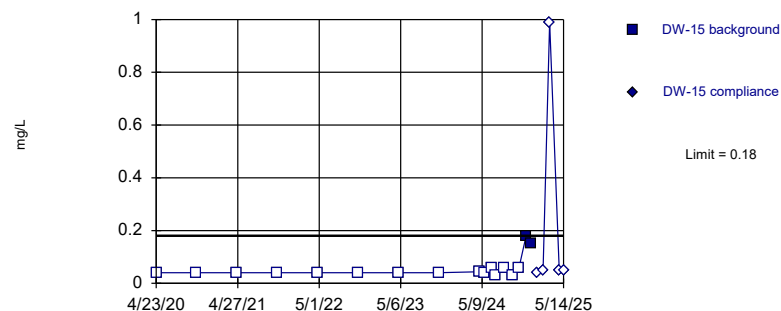
Background Data Summary: Mean=142.5, Std. Dev.=5, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 6/29/2025 2:41 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



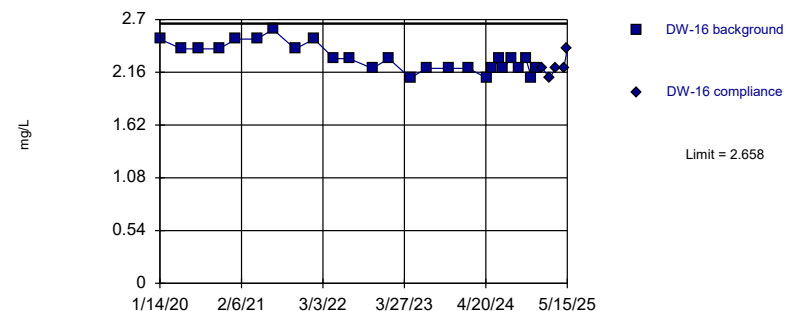
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Report alpha = 0.05556. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Nitrate as N Analysis Run 6/29/2025 2:41 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



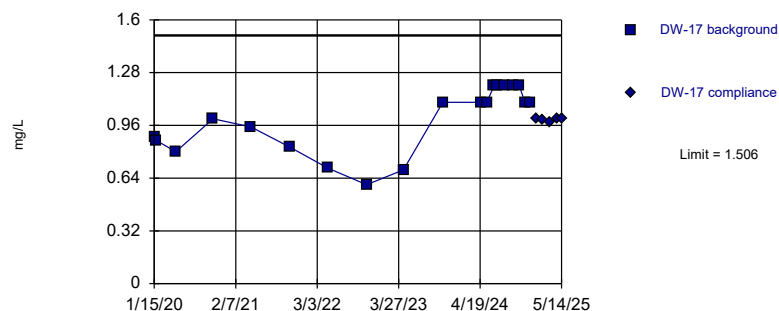
Background Data Summary: Mean=2.304, Std. Dev.=0.1399, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 6/29/2025 2:41 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



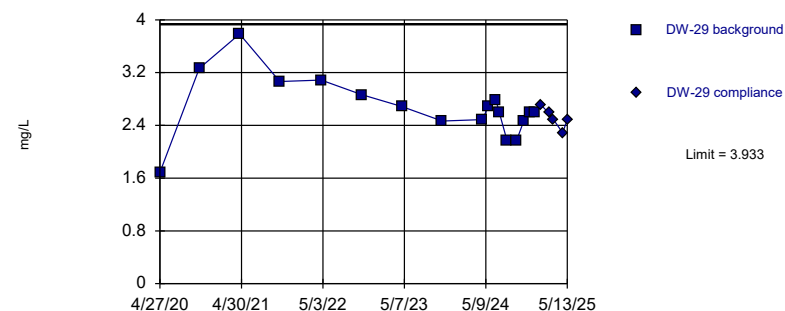
Background Data Summary: Mean=0.9911, Std. Dev.=0.1965, n=19. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 6/29/2025 2:41 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



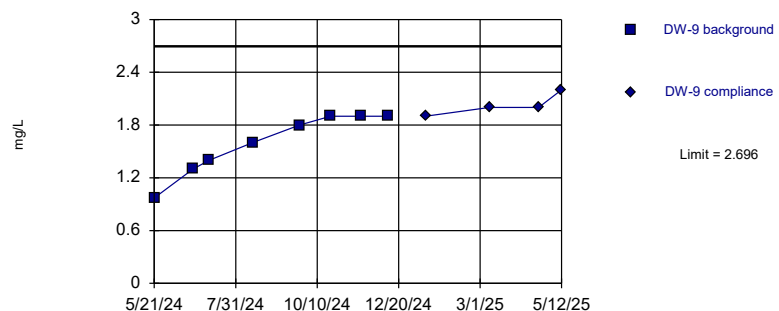
Background Data Summary: Mean=2.674, Std. Dev.=0.4739, n=17. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 6/29/2025 2:41 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



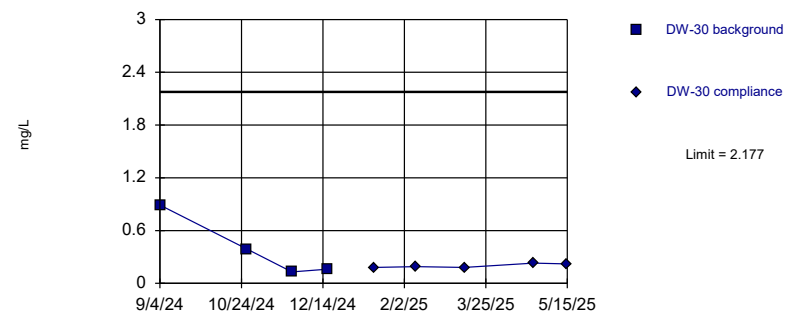
Background Data Summary: Mean=1.596, Std. Dev.=0.3457, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 6/29/2025 2:41 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



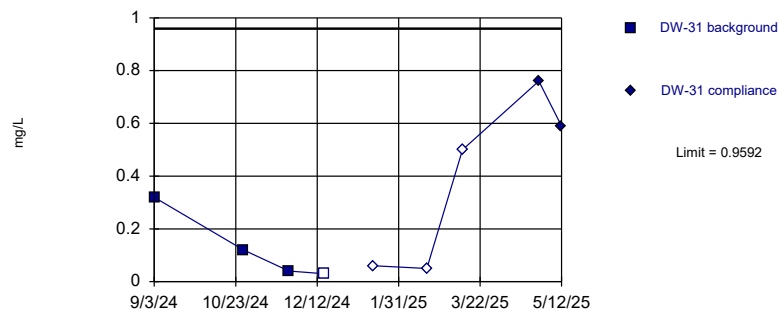
Background Data Summary: Mean=0.3925, Std. Dev.=0.3514, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 6/29/2025 2:41 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



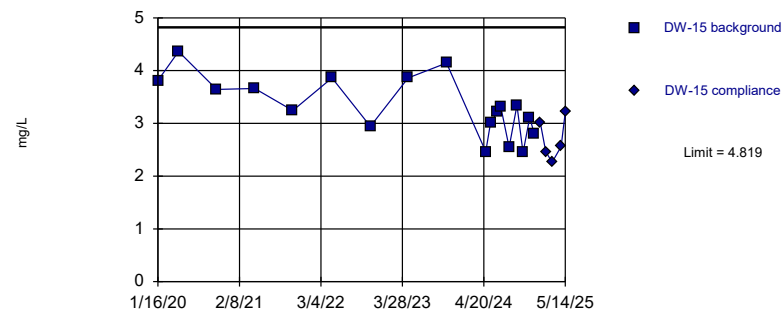
Background Data Summary (after Cohen's Adjustment): Mean=0.09929, Std. Dev.=0.1694, n=4, 25% NDs. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 6/29/2025 2:42 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



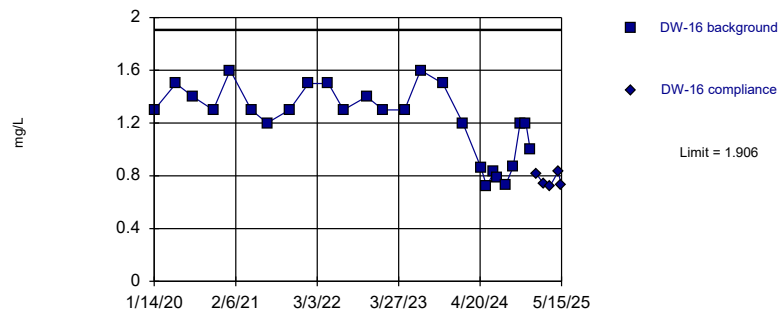
Background Data Summary: Mean=3.322, Std. Dev.=0.5676, n=18. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Potassium Analysis Run 6/29/2025 2:42 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



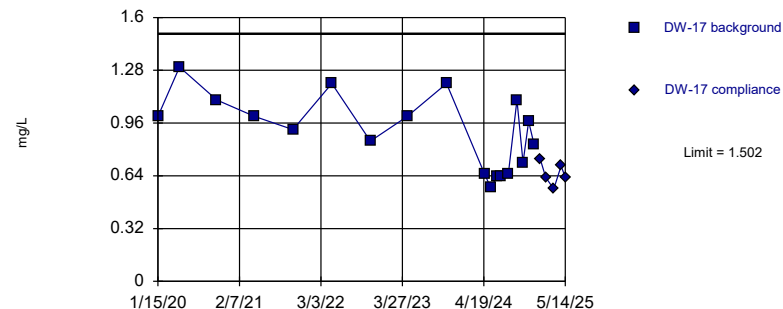
Background Data Summary: Mean=1.219, Std. Dev.=0.2714, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Potassium Analysis Run 6/29/2025 2:42 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



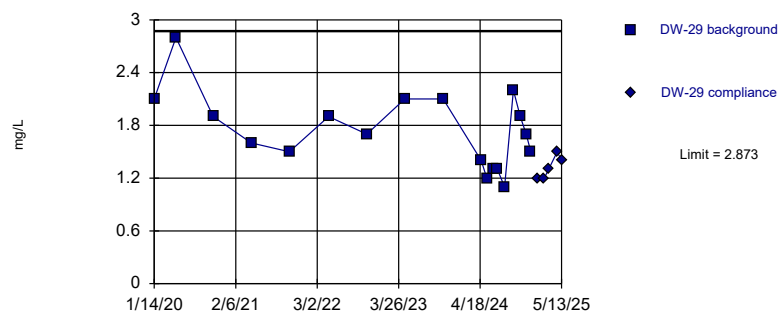
Background Data Summary: Mean=0.9078, Std. Dev.=0.2253, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Potassium Analysis Run 6/29/2025 2:42 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



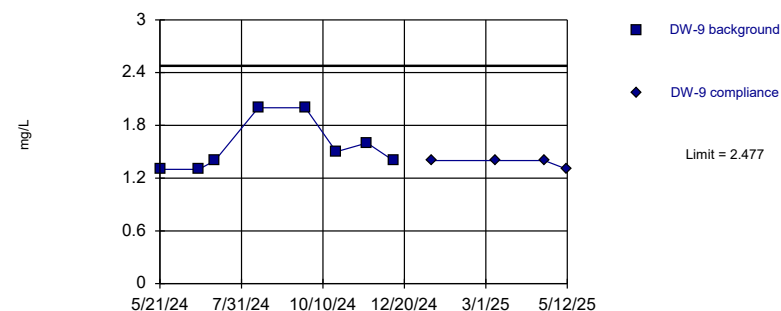
Background Data Summary: Mean=1.739, Std. Dev.=0.43, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Potassium Analysis Run 6/29/2025 2:42 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



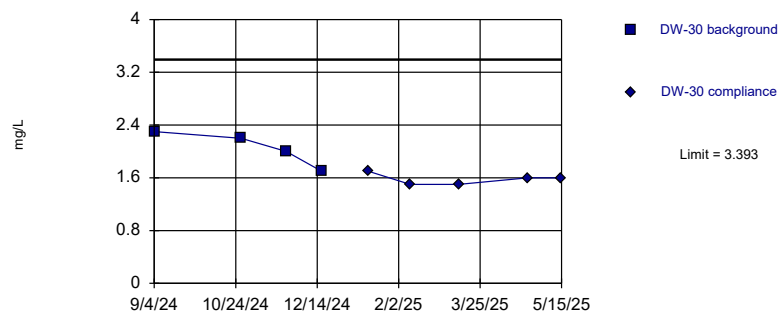
Background Data Summary: Mean=1.563, Std. Dev.=0.2875, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Potassium Analysis Run 6/29/2025 2:42 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



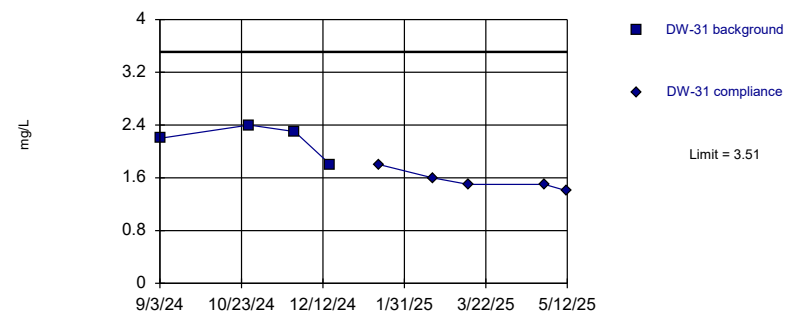
Background Data Summary: Mean=2.05, Std. Dev.=0.2646, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Potassium Analysis Run 6/29/2025 2:42 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



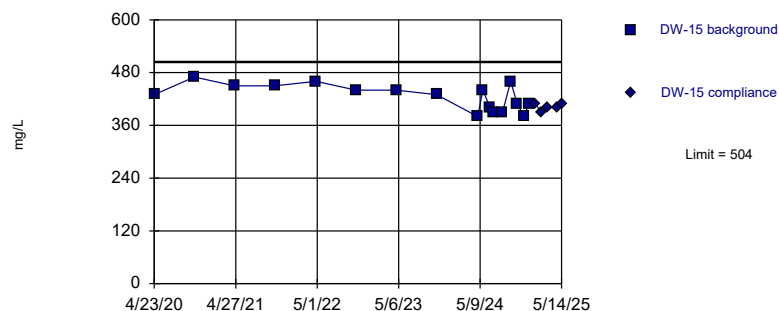
Background Data Summary: Mean=2.175, Std. Dev.=0.263, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Potassium Analysis Run 6/29/2025 2:42 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



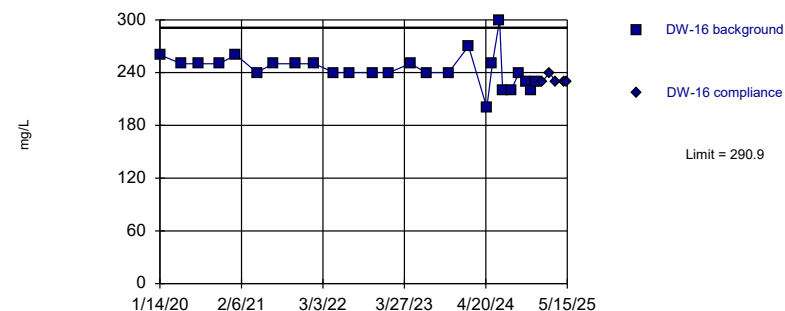
Background Data Summary: Mean=425.3, Std. Dev.=29.61, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 6/29/2025 2:42 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



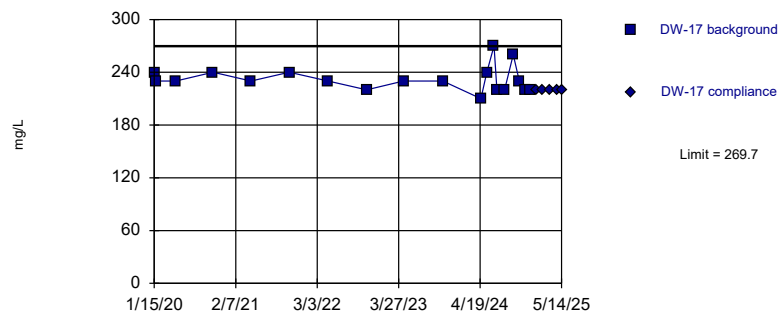
Background Data Summary: Mean=243.5, Std. Dev.=18.75, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 6/29/2025 2:42 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



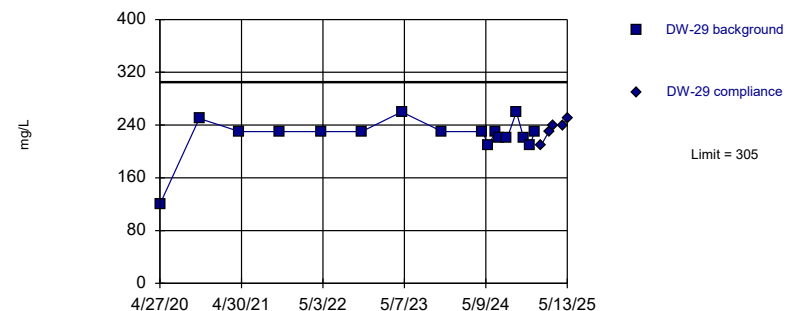
Background Data Summary: Mean=232.1, Std. Dev.=14.37, n=19. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 6/29/2025 2:42 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



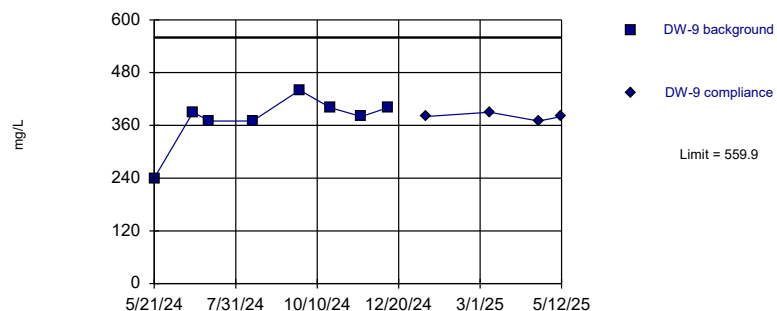
Background Data Summary: Mean=224.1, Std. Dev.=30.43, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 6/29/2025 2:42 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



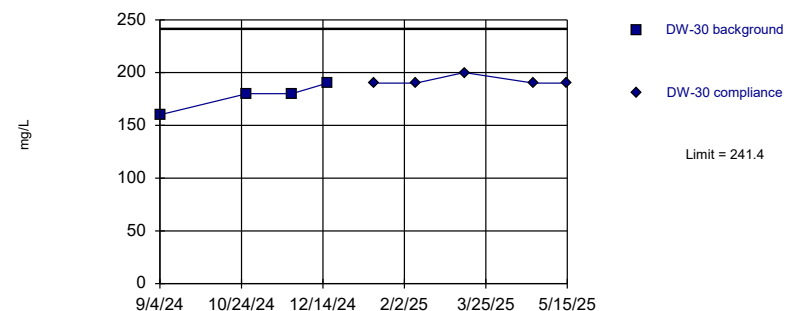
Background Data Summary: Mean=373.8, Std. Dev.=58.54, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 6/29/2025 2:42 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



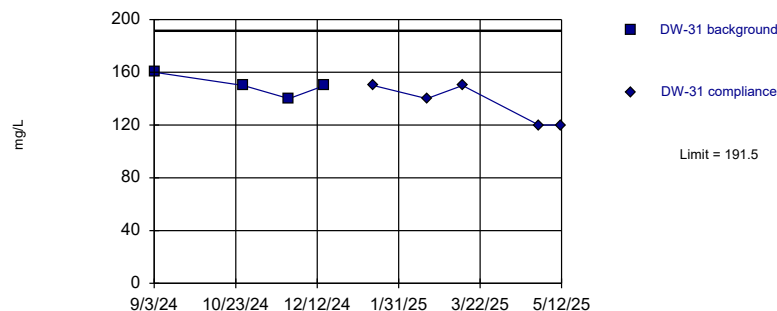
Background Data Summary: Mean=177.5, Std. Dev.=12.58, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 6/29/2025 2:42 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



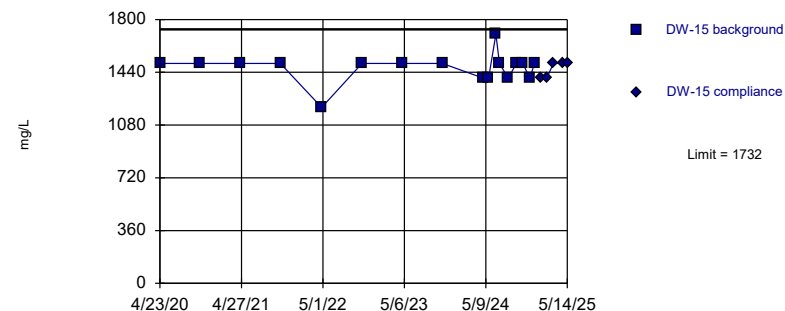
Background Data Summary: Mean=150, Std. Dev.=8.165, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 6/29/2025 2:42 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



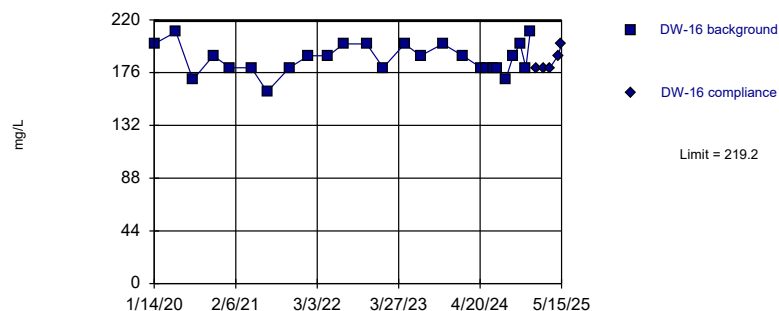
Background Data Summary: Mean=1471, Std. Dev.=98.52, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 6/29/2025 2:42 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



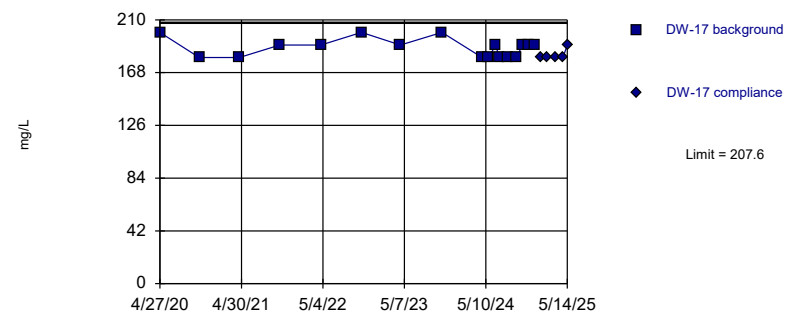
Background Data Summary: Mean=187.7, Std. Dev.=12.43, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 6/29/2025 2:42 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



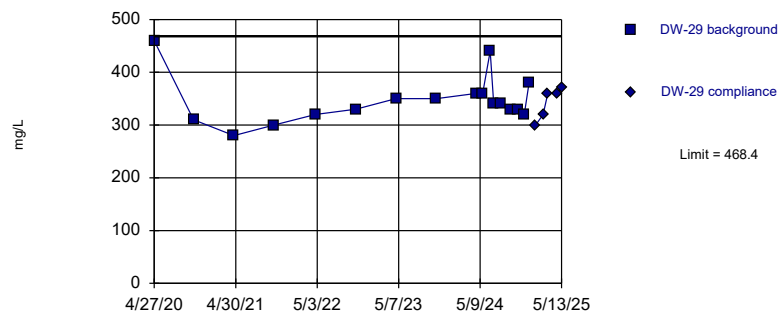
Background Data Summary: Mean=187.6, Std. Dev.=7.524, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 6/29/2025 2:42 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



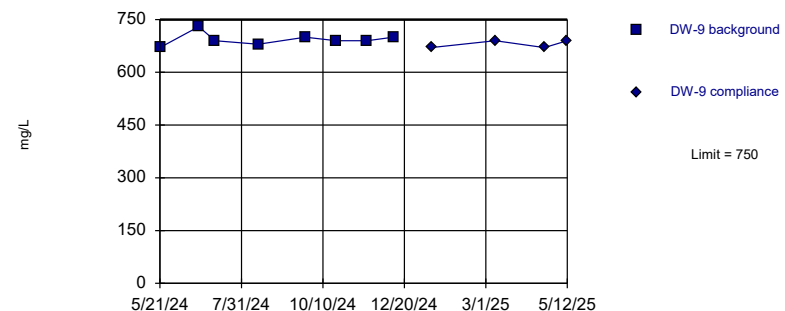
Background Data Summary: Mean=347.1, Std. Dev.=45.66, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 6/29/2025 2:42 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



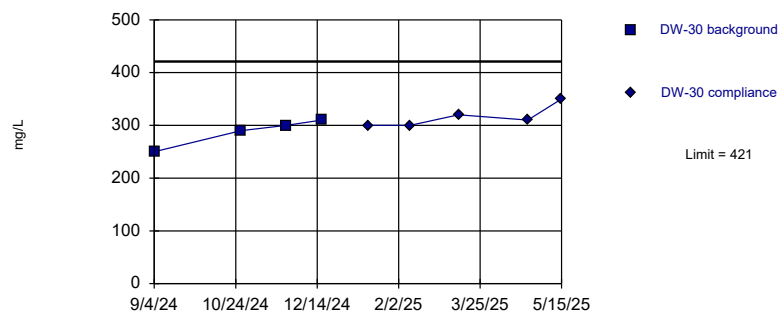
Background Data Summary: Mean=693.8, Std. Dev.=17.68, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 6/29/2025 2:42 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



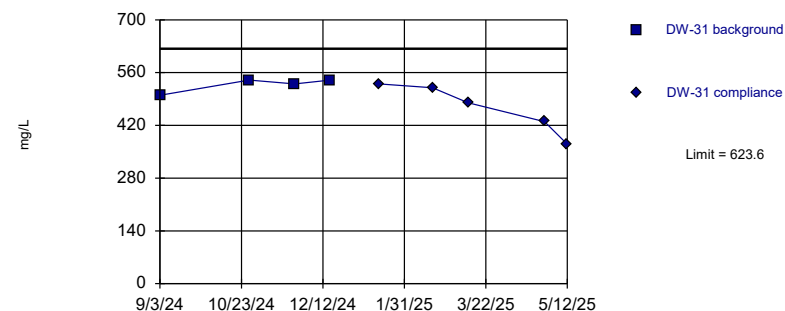
Background Data Summary: Mean=287.5, Std. Dev.=26.3, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 6/29/2025 2:42 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



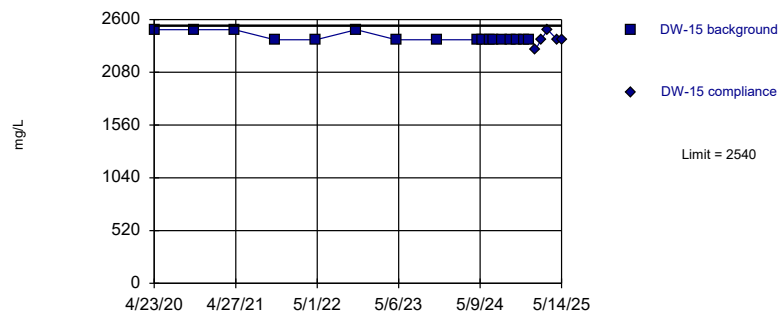
Background Data Summary: Mean=527.5, Std. Dev.=18.93, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 6/29/2025 2:42 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



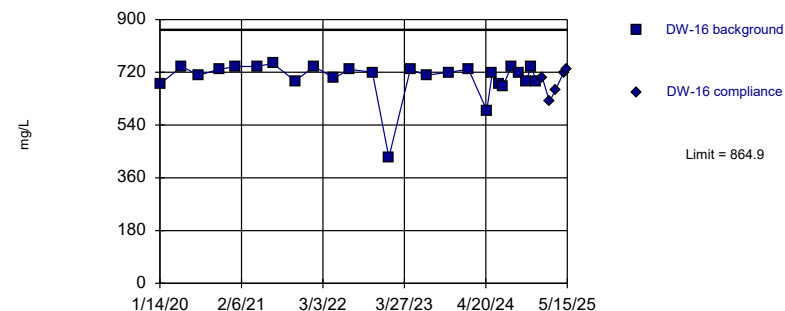
Background Data Summary: Mean=2424, Std. Dev.=43.72, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 6/29/2025 2:42 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



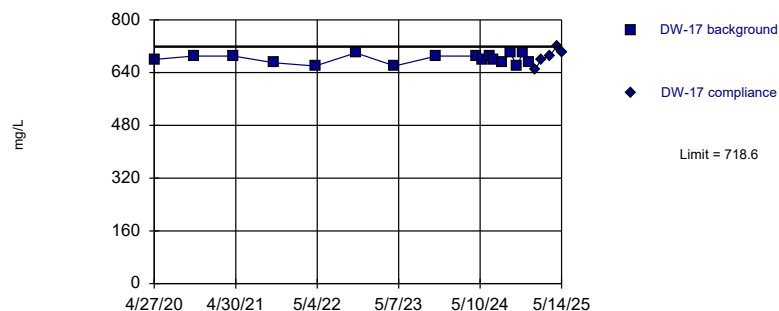
Background Data Summary: Mean=701.2, Std. Dev.=64.64, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 6/29/2025 2:42 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



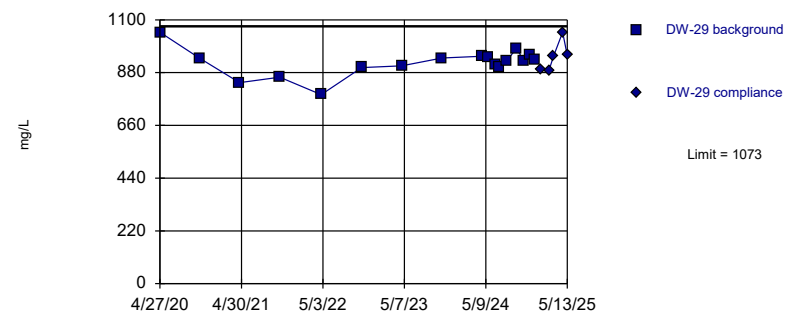
Background Data Summary: Mean=681.2, Std. Dev.=14.09, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 6/29/2025 2:42 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



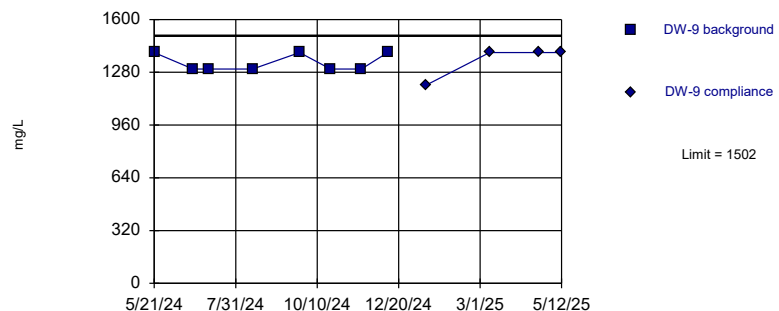
Background Data Summary: Mean=921.2, Std. Dev.=57.17, n=17. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 6/29/2025 2:42 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



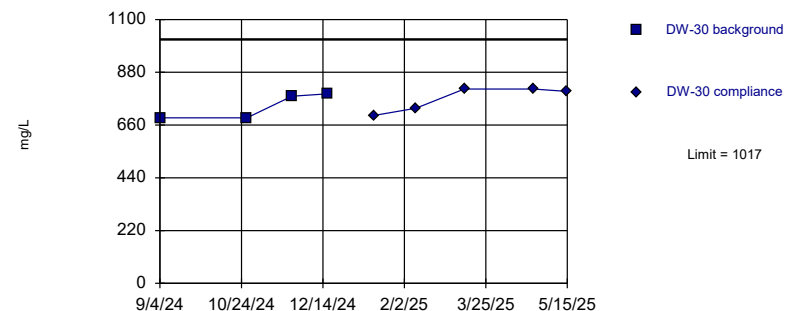
Background Data Summary: Mean=1338, Std. Dev.=51.75, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 6/29/2025 2:42 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



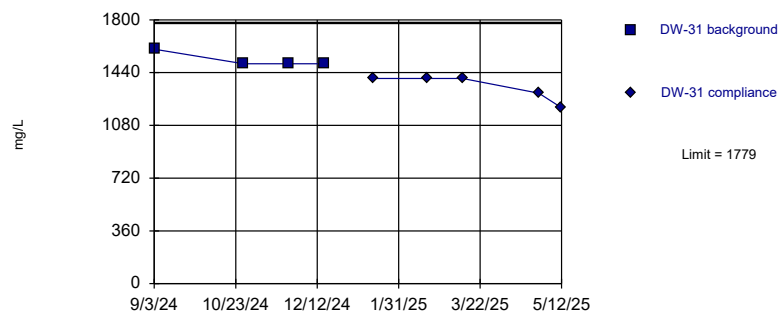
Background Data Summary: Mean=737.5, Std. Dev.=55, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 6/29/2025 2:42 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



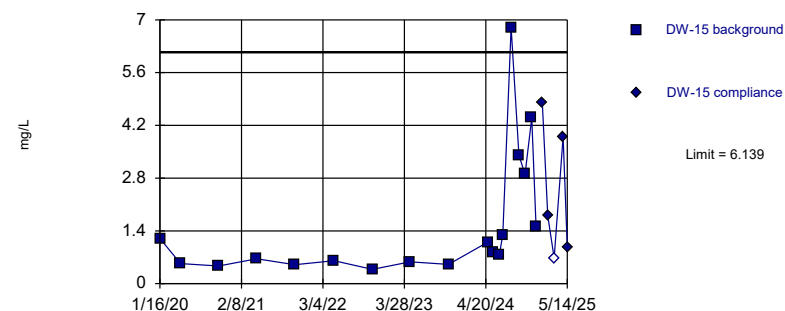
Background Data Summary: Mean=1525, Std. Dev.=50, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 6/29/2025 2:42 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



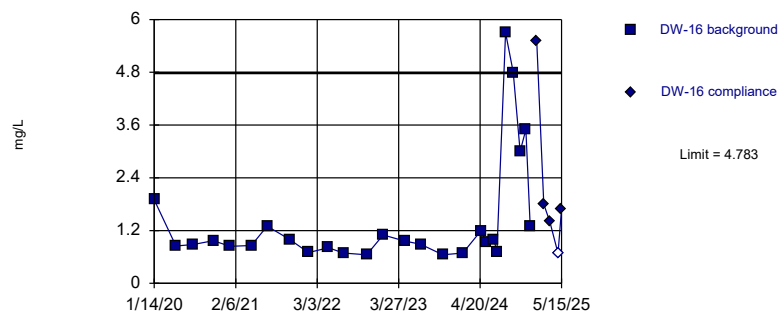
Background Data Summary: Mean=1.58, Std. Dev.=1.729, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Organic Carbon Analysis Run 6/29/2025 2:42 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



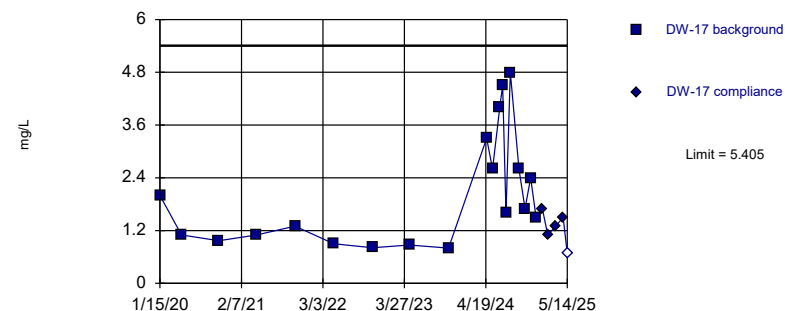
Background Data Summary: Mean=1.457, Std. Dev.=1.314, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Organic Carbon Analysis Run 6/29/2025 2:42 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric

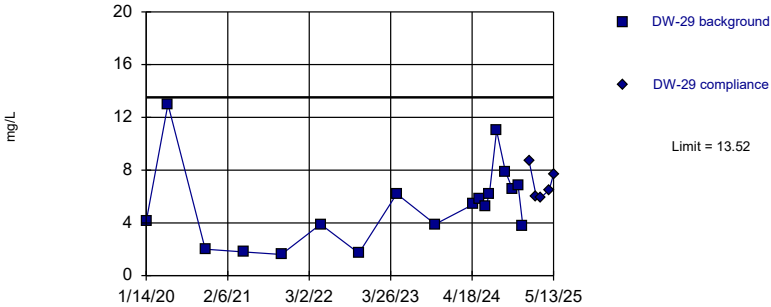


Background Data Summary: Mean=2.045, Std. Dev.=1.283, n=19. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Organic Carbon Analysis Run 6/29/2025 2:42 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit
Intrawell Parametric

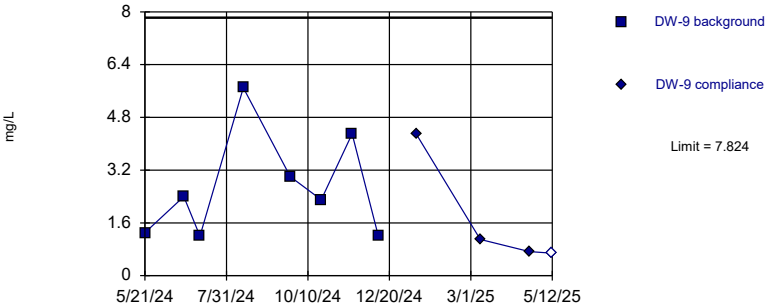


Background Data Summary: Mean=5.389, Std. Dev.=3.083, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Organic Carbon Analysis Run 6/29/2025 2:42 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 6/29/2025 2:42 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 6/29/2025, 2:47 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	6/11/2025	200	No	18	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-16	363.1	133.1	6/12/2025	250	No	27	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-17	184	110.7	6/11/2025	150	No	19	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-29	316.5	203.6	6/10/2025	315.8	No	18	0	No	0.005	Param Intra Deseas
Alkalinity, Total as CaCO3 (mg/L)	DW-9	246.1	98.93	6/10/2025	190	No	8	0	No	0.005	Param Intra
Ammonia-N (mg/L)	DW-15	0.1767	n/a	6/11/2025	0.12	No	18	0	No	0.01	Param Intra
Ammonia-N (mg/L)	DW-16	0.094	n/a	6/12/2025	0.056J	No	26	92.31	n/a	0.03704	NP Intra (NDs)
Ammonia-N (mg/L)	DW-17	0.041	n/a	6/11/2025	0.05ND	No	18	100	n/a	0.05263	NP Intra (NDs)
Ammonia-N (mg/L)	DW-29	0.073	n/a	6/10/2025	0.47	Yes	18	94.44	n/a	0.05263	NP Intra (NDs)
Ammonia-N (mg/L)	DW-9	0.097	n/a	6/10/2025	0.034ND	No	8	75	n/a	0.1111	NP Intra (NDs)
Ammonia-N (mg/L)	DW-30	0.041	n/a	6/11/2025	0.05ND	No	4	100	n/a	0.2	NP Intra (NDs)
Ammonia-N (mg/L)	DW-31	0.047	n/a	6/9/2025	0.05ND	No	4	75	n/a	0.2	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-15	6	n/a	6/11/2025	2ND	No	17	88.24	n/a	0.05556	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-16	3	n/a	6/12/2025	2ND	No	26	84.62	n/a	0.03704	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-17	6	n/a	6/11/2025	2ND	No	18	72.22	n/a	0.05263	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-29	34.88	n/a	6/10/2025	7	No	17	17.65	No	0.01	Param Intra
Chemical Oxygen Demand (mg/L)	DW-9	9	n/a	6/10/2025	2ND	No	8	62.5	n/a	0.1111	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-30	19.81	n/a	6/11/2025	2ND	No	4	50	No	0.01	Param Intra
Chemical Oxygen Demand (mg/L)	DW-31	120.4	n/a	6/9/2025	23	No	4	0	No	0.01	Param Intra
Chloride (mg/l)	DW-15	82.28	n/a	6/11/2025	75	No	17	0	No	0.01	Param Intra
Chloride (mg/l)	DW-16	118.9	n/a	6/12/2025	110	No	26	0	No	0.01	Param Intra
Chloride (mg/l)	DW-17	165.8	n/a	6/11/2025	150	No	17	0	No	0.01	Param Intra
Chloride (mg/l)	DW-29	112.3	n/a	6/10/2025	94	No	17	0	No	0.01	Param Intra
Chloride (mg/l)	DW-9	103.3	n/a	6/10/2025	82	No	8	0	No	0.01	Param Intra
Chloride (mg/l)	DW-30	74.59	n/a	6/11/2025	59	No	4	0	No	0.01	Param Intra
Chloride (mg/l)	DW-31	167.9	n/a	6/9/2025	79	No	4	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-15	0.18	n/a	6/11/2025	0.05ND	No	17	88.24	n/a	0.05556	NP Intra (NDs)
Nitrate as N (mg/L)	DW-16	2.658	n/a	6/12/2025	2.3	No	26	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-17	1.506	n/a	6/11/2025	0.99	No	19	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-29	3.921	n/a	6/10/2025	2.666	No	17	0	No	0.01	Param Intra Deseas
Nitrate as N (mg/L)	DW-9	2.696	n/a	6/10/2025	2.2	No	8	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-30	2.177	n/a	6/11/2025	0.22	No	4	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-31	0.9592	n/a	6/9/2025	0.11	No	4	25	No	0.01	Param Intra
Potassium (mg/L)	DW-15	5.162	n/a	6/11/2025	2.8	No	18	0	No	0.01	Param Intra
Potassium (mg/L)	DW-16	1.906	n/a	6/12/2025	0.95	No	26	0	No	0.01	Param Intra
Potassium (mg/L)	DW-17	1.502	n/a	6/11/2025	0.77	No	18	0	No	0.01	Param Intra
Potassium (mg/L)	DW-29	2.873	n/a	6/10/2025	1.3	No	18	0	No	0.01	Param Intra
Potassium (mg/L)	DW-9	2.477	n/a	6/10/2025	1.2	No	8	0	No	0.01	Param Intra
Potassium (mg/L)	DW-30	3.393	n/a	6/11/2025	1.7	No	4	0	No	0.01	Param Intra
Potassium (mg/L)	DW-31	3.51	n/a	6/9/2025	1.3	No	4	0	No	0.01	Param Intra
Sodium (mg/L)	DW-15	504	n/a	6/11/2025	400	No	17	0	No	0.01	Param Intra
Sodium (mg/L)	DW-16	290.9	n/a	6/12/2025	250	No	26	0	No	0.01	Param Intra
Sodium (mg/L)	DW-17	269.7	n/a	6/11/2025	220	No	19	0	No	0.01	Param Intra
Sodium (mg/L)	DW-29	305	n/a	6/10/2025	230	No	17	0	No	0.01	Param Intra
Sodium (mg/L)	DW-9	559.9	n/a	6/10/2025	370	No	8	0	No	0.01	Param Intra
Sodium (mg/L)	DW-30	241.4	n/a	6/11/2025	190	No	4	0	No	0.01	Param Intra
Sodium (mg/L)	DW-31	191.5	n/a	6/9/2025	120	No	4	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-15	1732	n/a	6/11/2025	1400	No	17	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-16	219.2	n/a	6/12/2025	190	No	26	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-17	207.6	n/a	6/11/2025	190	No	17	0	No	0.01	Param Intra

Prediction Limit

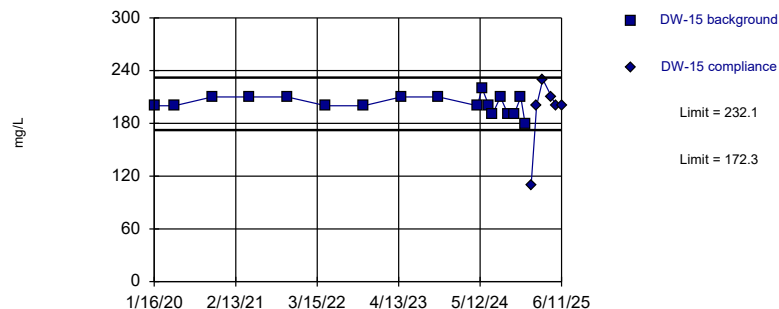
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019 Printed 6/29/2025, 2:47 PM

<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	6/10/2025	390	No	17	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-9	750	n/a	6/10/2025	690	No	8	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-30	421	n/a	6/11/2025	310	No	4	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-31	623.6	n/a	6/9/2025	290	No	4	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-15	2540	n/a	6/11/2025	2500	No	17	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-16	864.9	n/a	6/12/2025	710	No	26	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-17	718.6	n/a	6/11/2025	660	No	17	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-29	1076	n/a	6/10/2025	950	No	17	0	No	0.01	Param Intra Deseas
Total Dissolved Solids (mg/L)	DW-9	1502	n/a	6/10/2025	1300	No	8	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-30	1017	n/a	6/11/2025	770	No	4	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-31	1779	n/a	6/9/2025	1000	No	4	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-15	6.139	n/a	6/11/2025	1.1	No	18	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-16	4.783	n/a	6/12/2025	4.2	No	26	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-17	5.405	n/a	6/11/2025	0.68ND	No	19	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-29	13.52	n/a	6/10/2025	7.5	No	18	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-9	7.824	n/a	6/10/2025	0.68ND	No	8	0	No	0.01	Param Intra

Within Limits

Prediction Limit

Intrawell Parametric



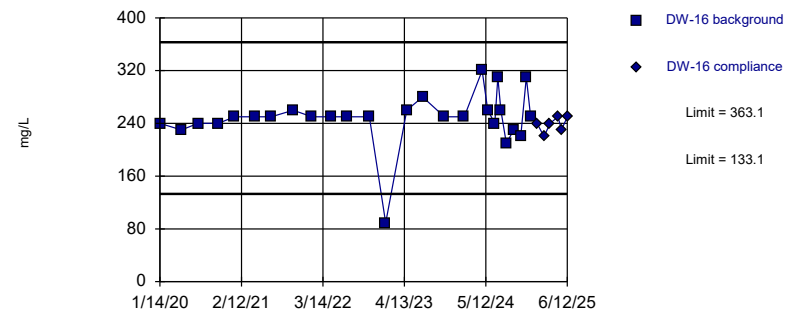
Background Data Summary: Mean=202.2, Std. Dev.=10.03, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO₃ Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limits

Prediction Limit

Intrawell Parametric



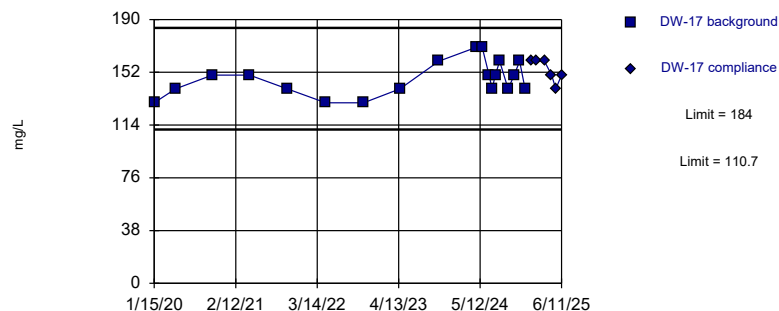
Background Data Summary: Mean=248.1, Std. Dev.=40.63, n=27. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO₃ Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limits

Prediction Limit

Intrawell Parametric



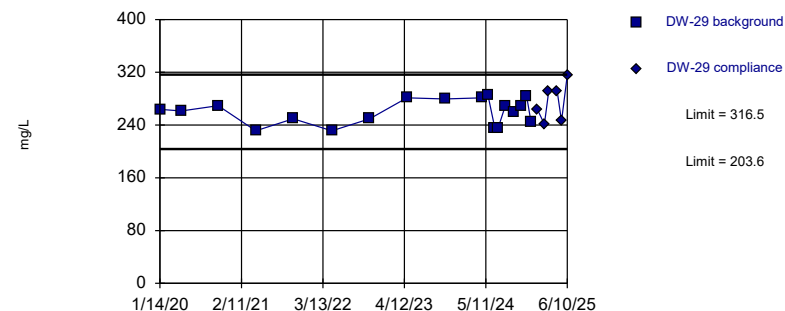
Background Data Summary: Mean=147.4, Std. Dev.=12.4, n=19. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO₃ Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limits

Prediction Limit

Intrawell Parametric



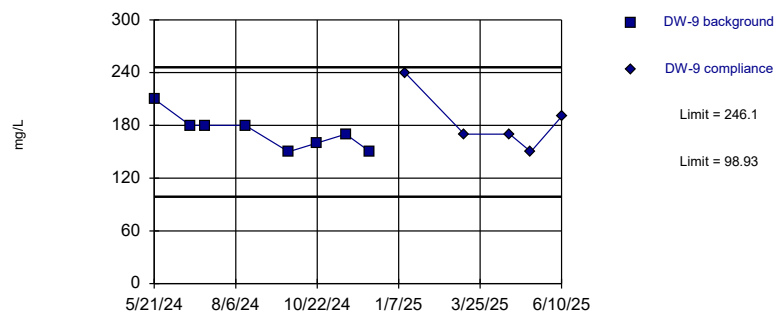
Background Data Summary: Mean=260.1, Std. Dev.=18.96, n=18. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO₃ Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limits

Prediction Limit

Intrawell Parametric



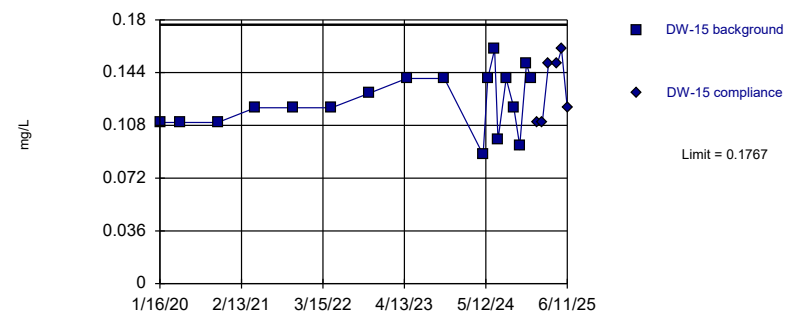
Background Data Summary: Mean=172.5, Std. Dev.=19.82, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO₃ Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



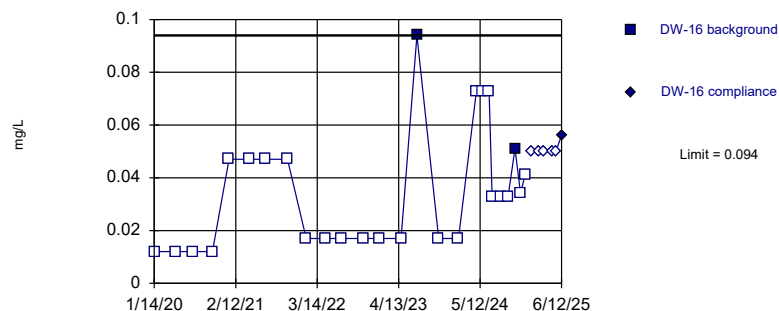
Background Data Summary: Mean=0.1239, Std. Dev.=0.02002, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Ammonia-N Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



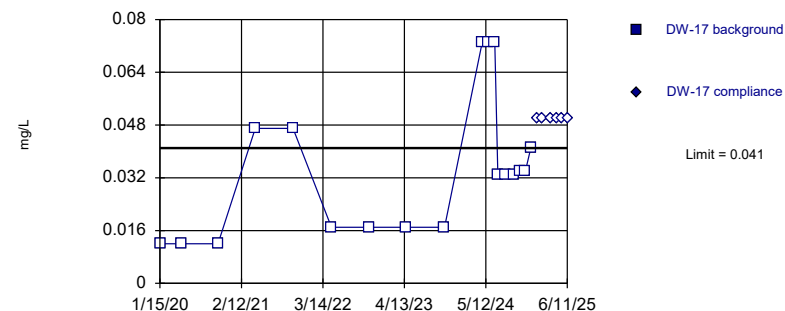
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 92.31% NDs. Report alpha = 0.03704. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Ammonia-N Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

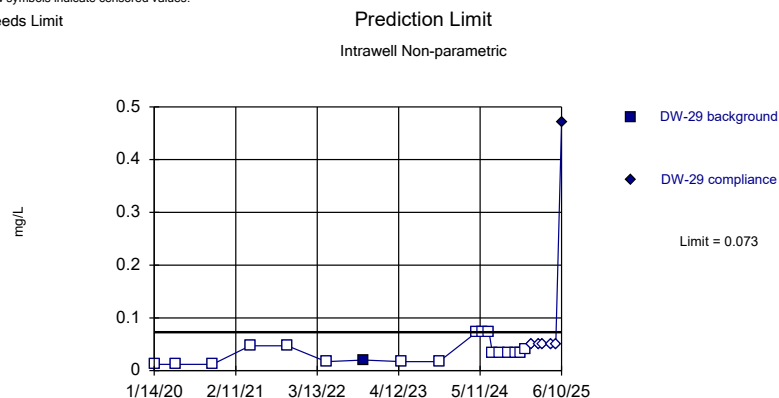
Intrawell Non-parametric



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 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

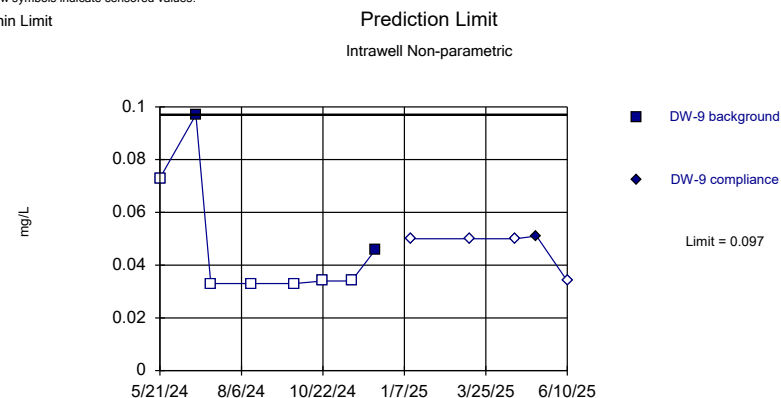
Exceeds Limit



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 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

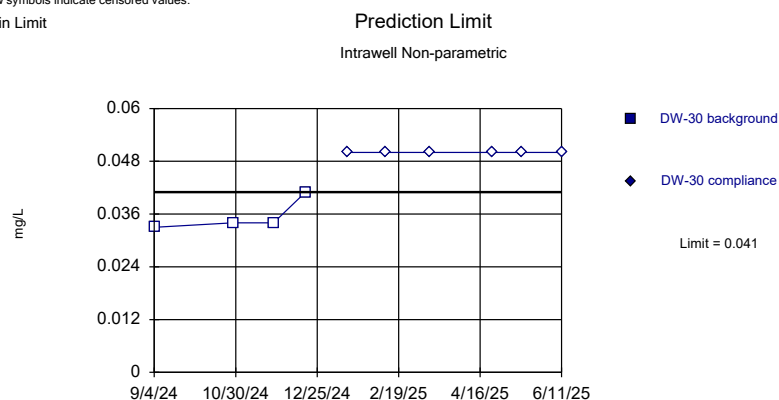
Within Limit



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 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

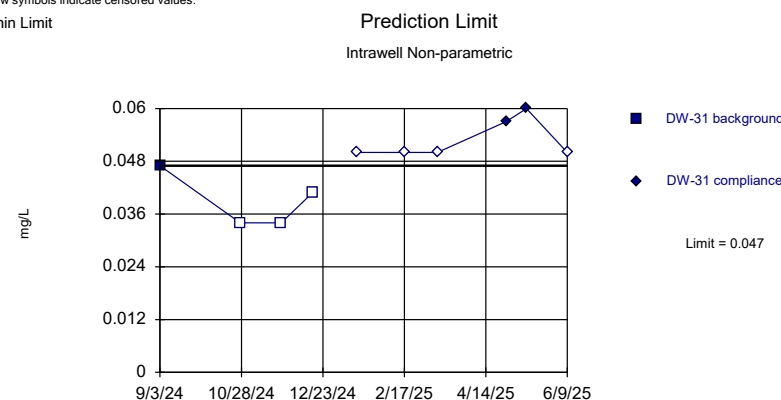
Within Limit



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 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit



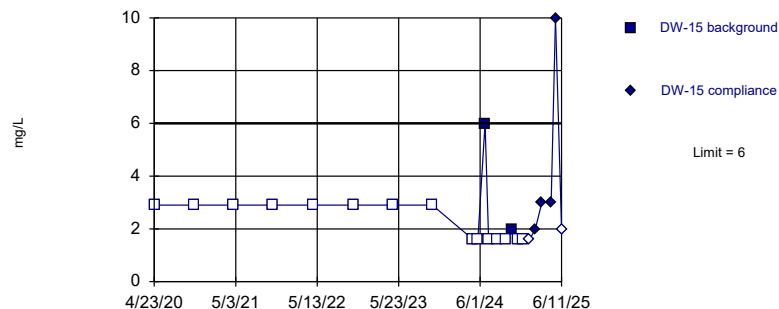
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 4 background values. 75% NDs. Report alpha = 0.2. Most recent point compared to limit. Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Ammonia-N Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



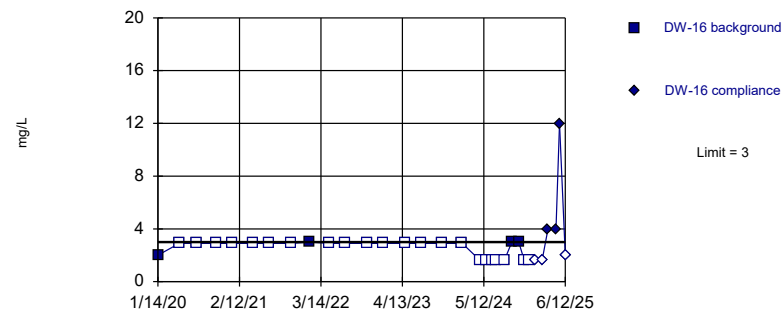
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Report alpha = 0.05556. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Chemical Oxygen Demand Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



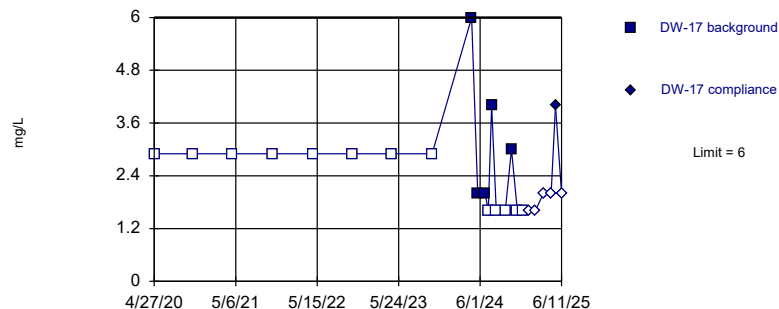
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 84.62% NDs. Report alpha = 0.03704. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Chemical Oxygen Demand Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



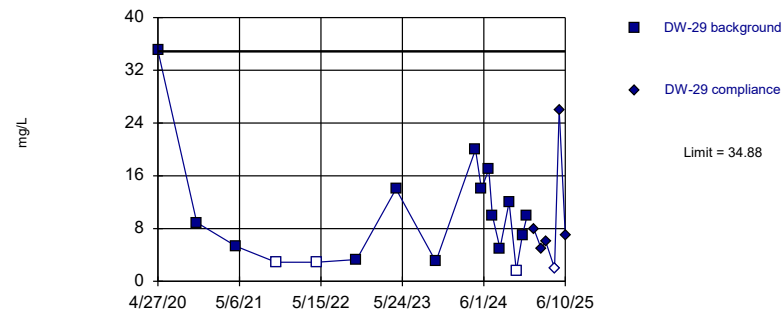
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 72.22% NDs. Report alpha = 0.05263. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Chemical Oxygen Demand Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



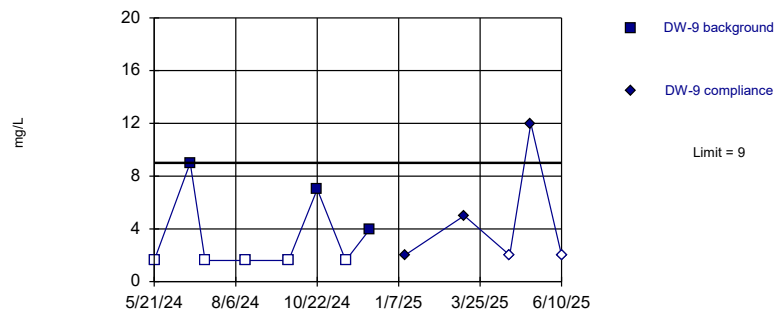
Background Data Summary (after Cohen's Adjustment): Mean=9.152, Std. Dev.=9.677, n=17, 17.65% NDs. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chemical Oxygen Demand Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



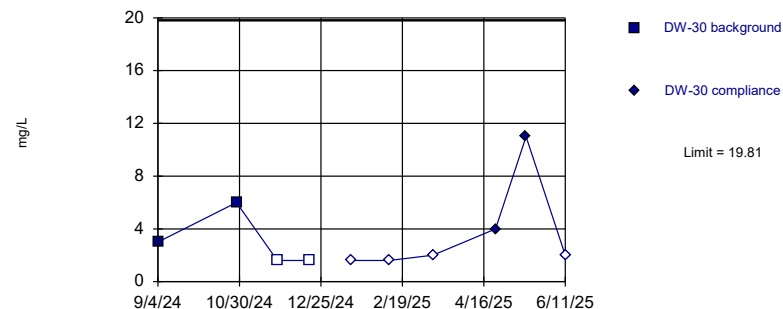
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 62.5% NDs. Report alpha = 0.1111. Most recent point compared to limit. Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Chemical Oxygen Demand Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



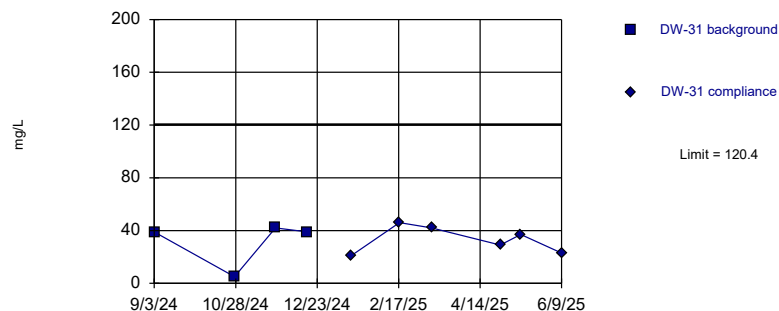
Background Data Summary (after Cohen's Adjustment): Mean=1.625, Std. Dev.=3.583, n=4, 50% NDs. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chemical Oxygen Demand Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



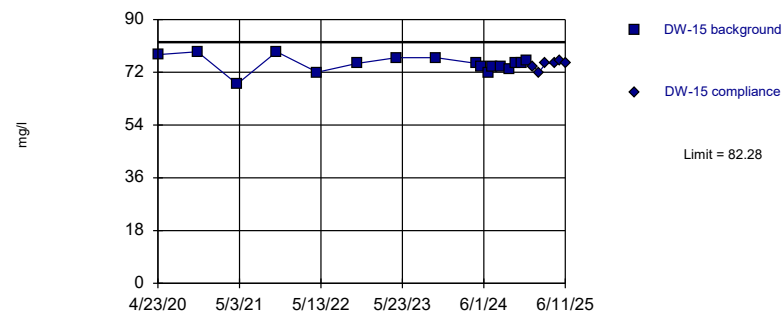
Background Data Summary: Mean=31.25, Std. Dev.=17.56, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chemical Oxygen Demand Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



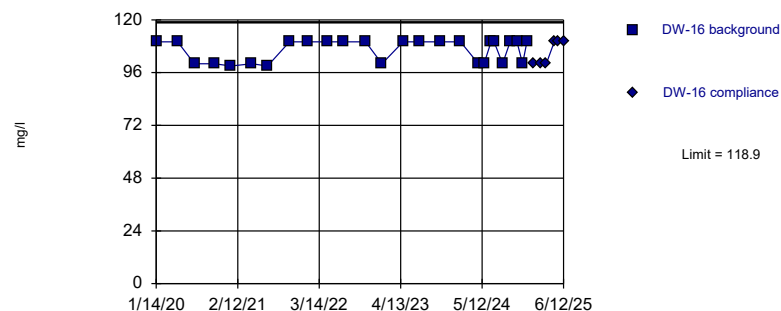
Background Data Summary: Mean=74.88, Std. Dev.=2.781, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



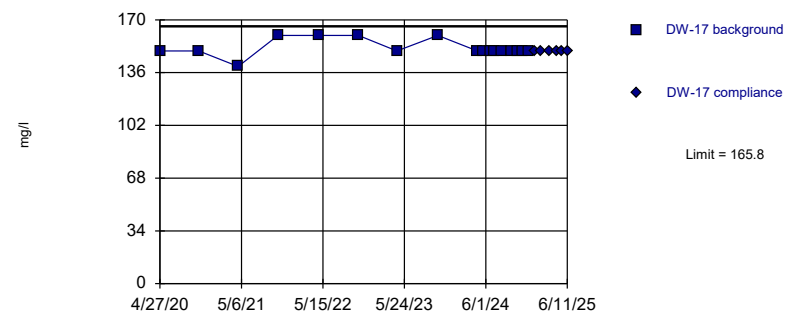
Background Data Summary: Mean=106.1, Std. Dev.=5.067, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



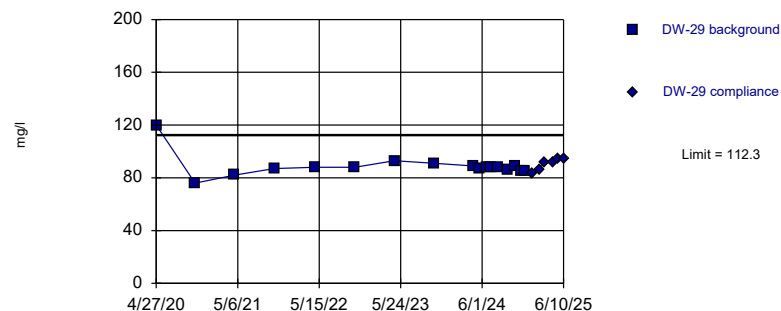
Background Data Summary: Mean=151.8, Std. Dev.=5.286, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



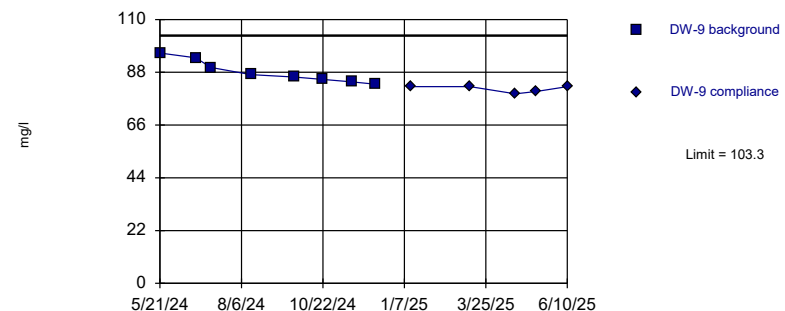
Background Data Summary: Mean=88.82, Std. Dev.=8.848, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



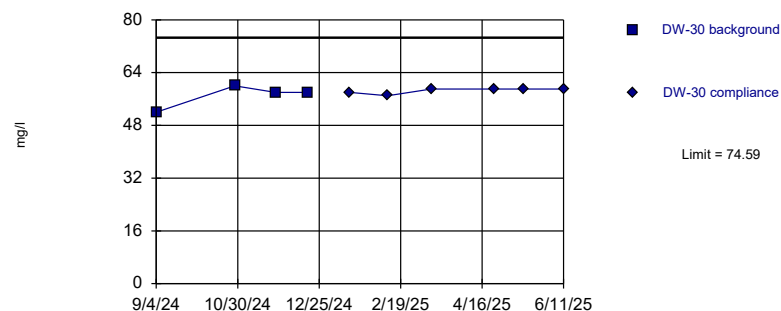
Background Data Summary: Mean=88.13, Std. Dev.=4.764, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



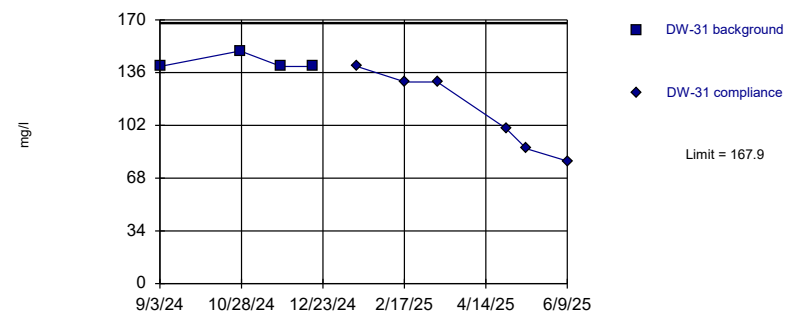
Background Data Summary: Mean=57, Std. Dev.=3.464, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



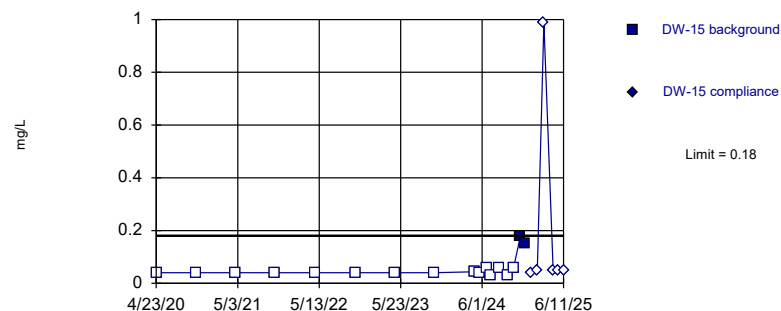
Background Data Summary: Mean=142.5, Std. Dev.=5, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



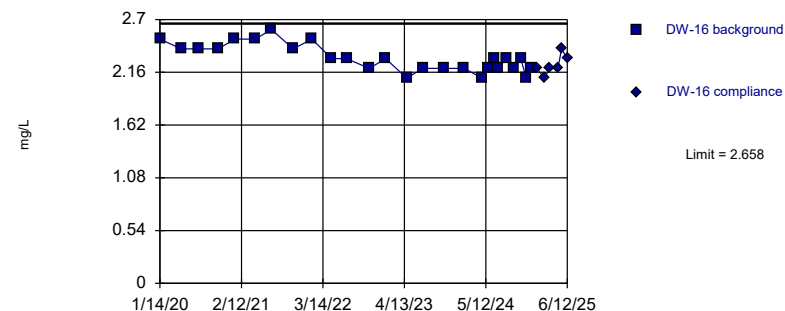
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Report alpha = 0.05556. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Nitrate as N Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



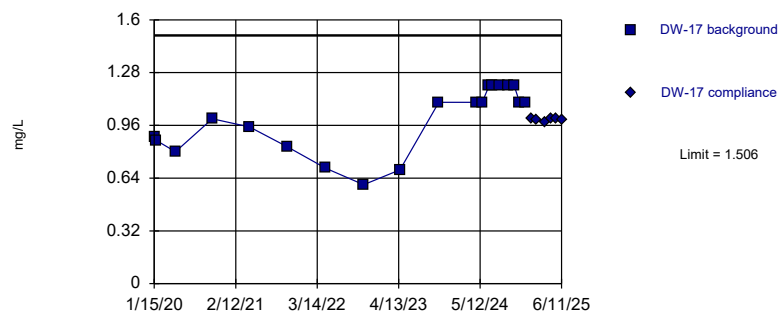
Background Data Summary: Mean=2.304, Std. Dev.=0.1399, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



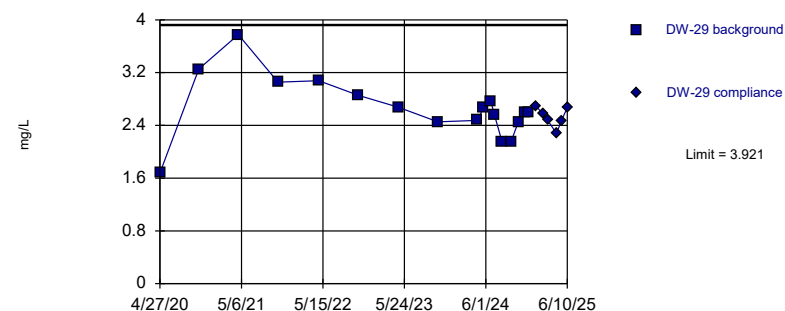
Background Data Summary: Mean=0.9911, Std. Dev.=0.1965, n=19. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



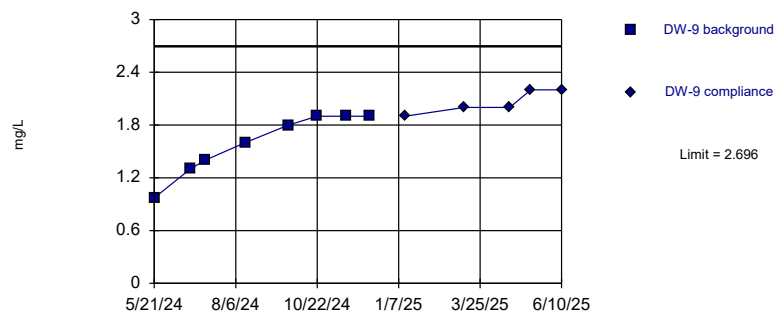
Background Data Summary: Mean=2.662, Std. Dev.=0.4738, n=17. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



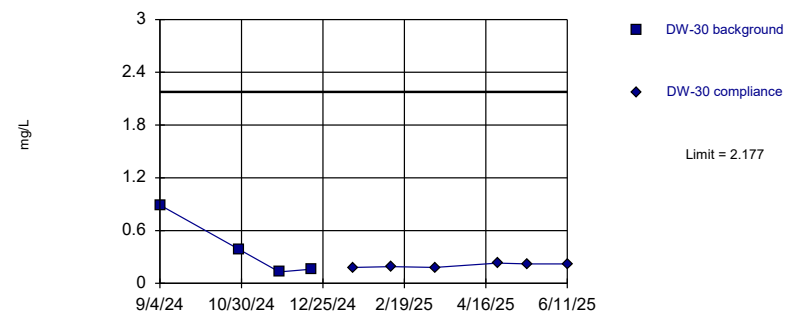
Background Data Summary: Mean=1.596, Std. Dev.=0.3457, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



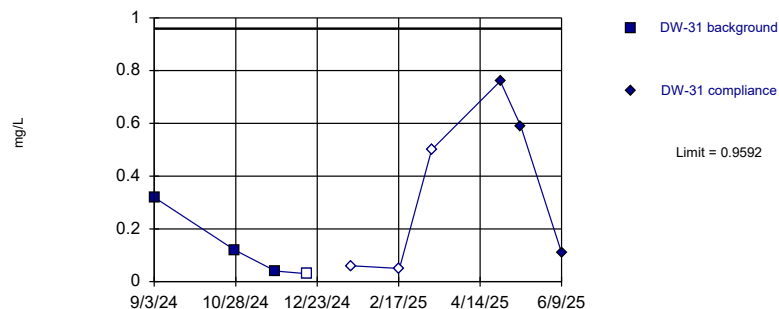
Background Data Summary: Mean=0.3925, Std. Dev.=0.3514, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



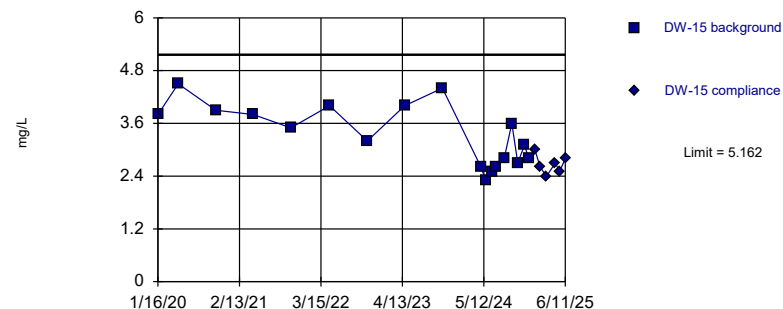
Background Data Summary (after Cohen's Adjustment): Mean=0.09929, Std. Dev.=0.1694, n=4, 25% NDs. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



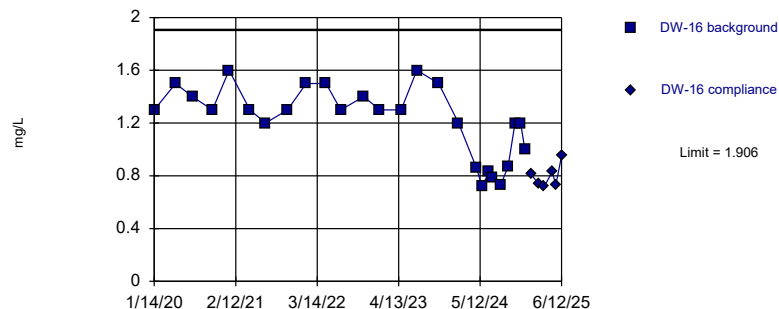
Background Data Summary: Mean=3.339, Std. Dev.=0.6912, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Potassium Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



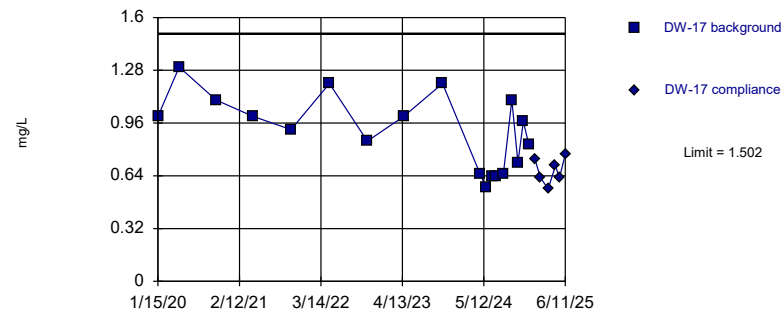
Background Data Summary: Mean=1.219, Std. Dev.=0.2714, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Potassium Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



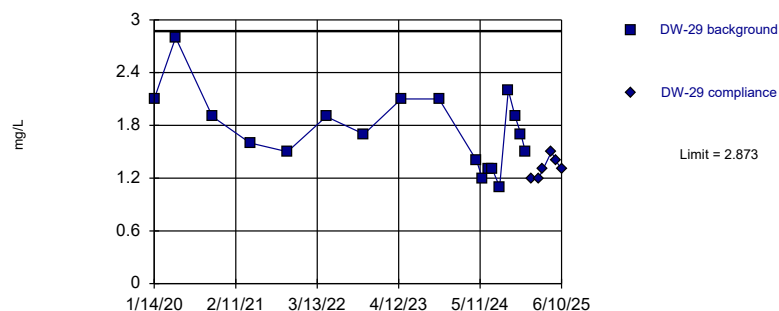
Background Data Summary: Mean=0.9078, Std. Dev.=0.2253, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Potassium Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric

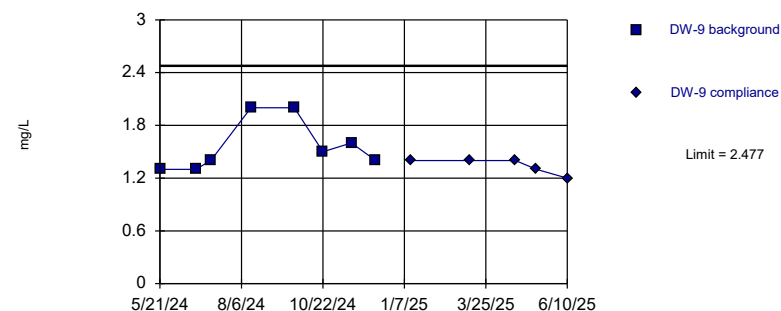


Background Data Summary: Mean=1.739, Std. Dev.=0.43, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

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.

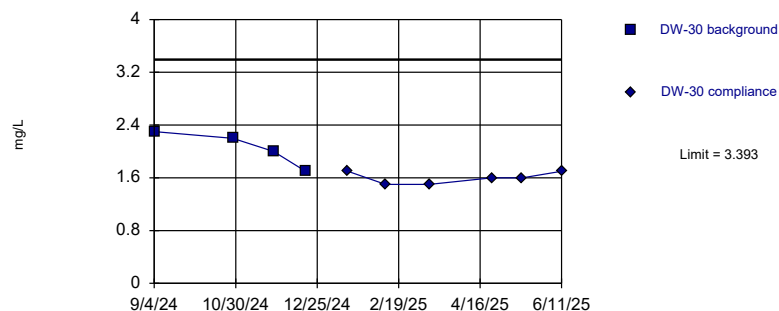
Constituent: Potassium Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Constituent: Potassium Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric

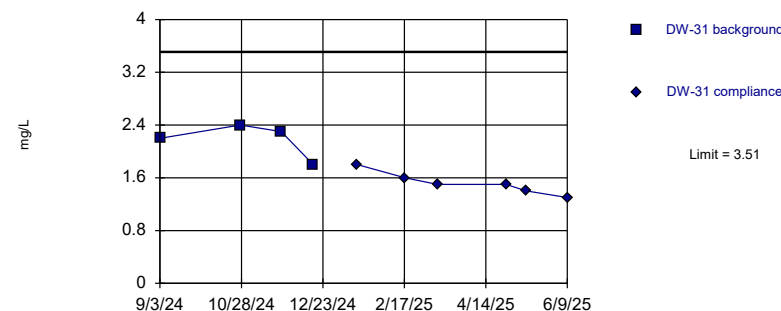


Background Data Summary: Mean=2.05, Std. Dev.=0.2646, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

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.

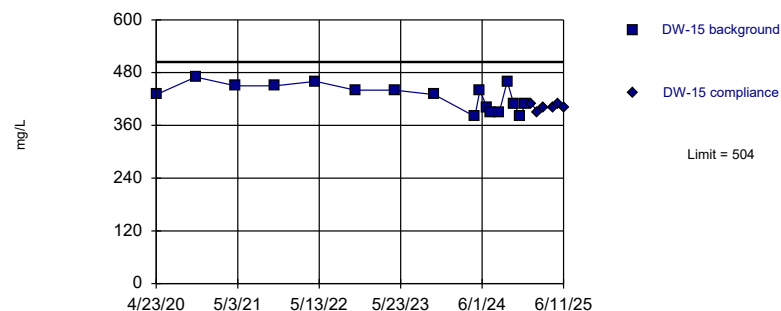
Constituent: Potassium Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Constituent: Potassium Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



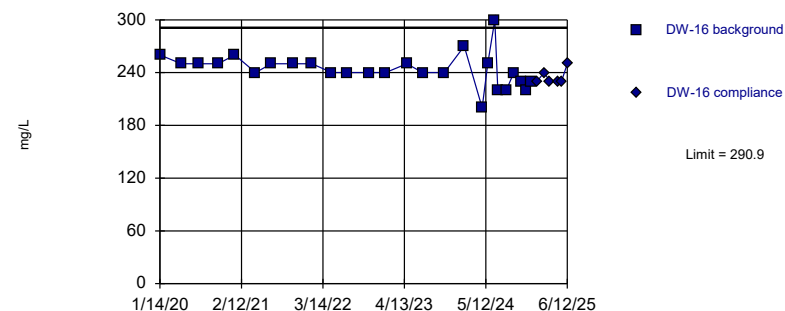
Background Data Summary: Mean=425.3, Std. Dev.=29.61, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



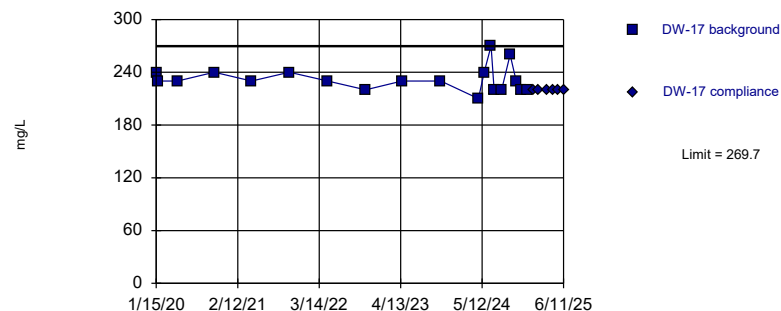
Background Data Summary: Mean=243.5, Std. Dev.=18.75, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



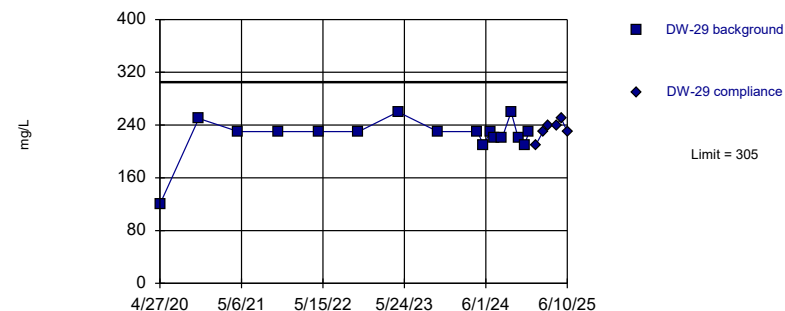
Background Data Summary: Mean=232.1, Std. Dev.=14.37, n=19. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



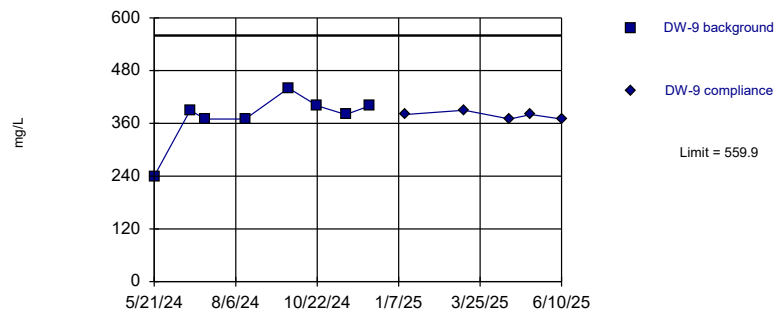
Background Data Summary: Mean=224.1, Std. Dev.=30.43, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



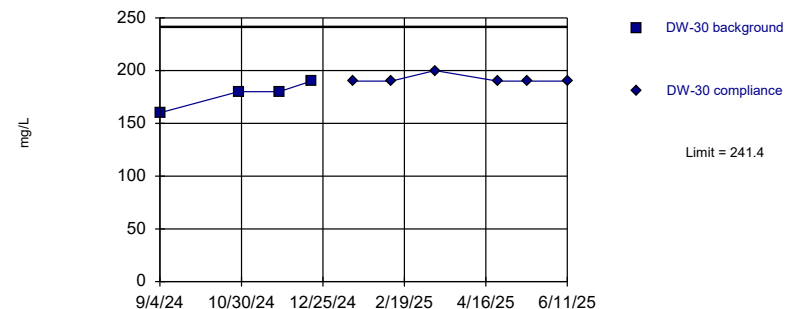
Background Data Summary: Mean=373.8, Std. Dev.=58.54, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



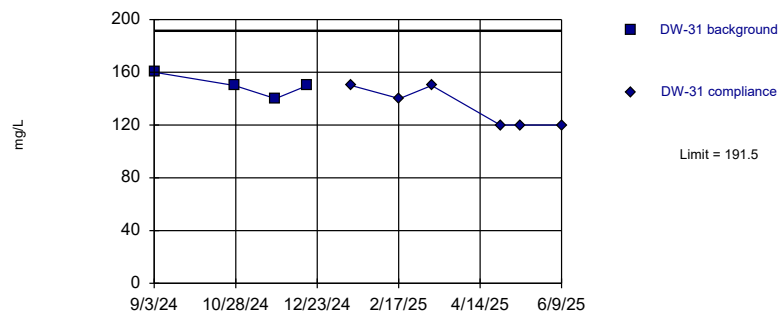
Background Data Summary: Mean=177.5, Std. Dev.=12.58, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



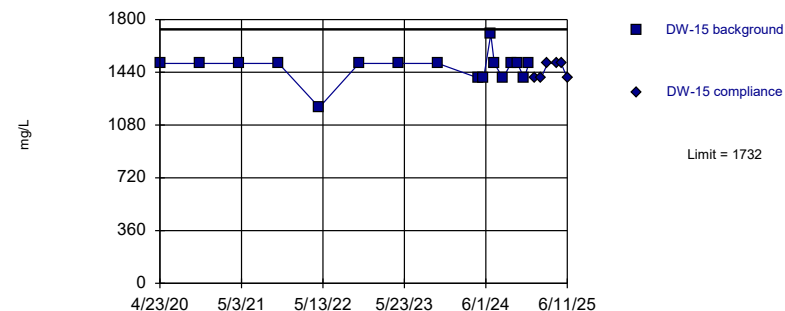
Background Data Summary: Mean=150, Std. Dev.=8.165, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



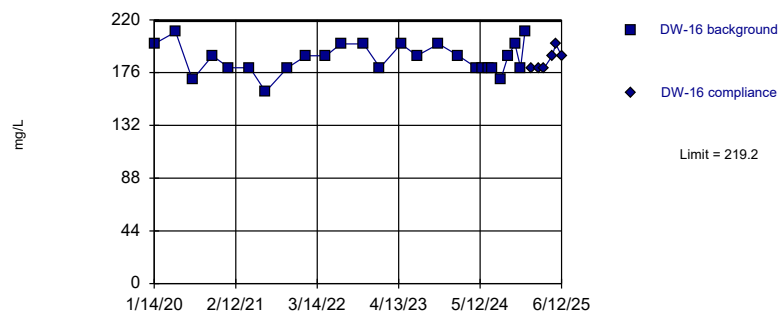
Background Data Summary: Mean=1471, Std. Dev.=98.52, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



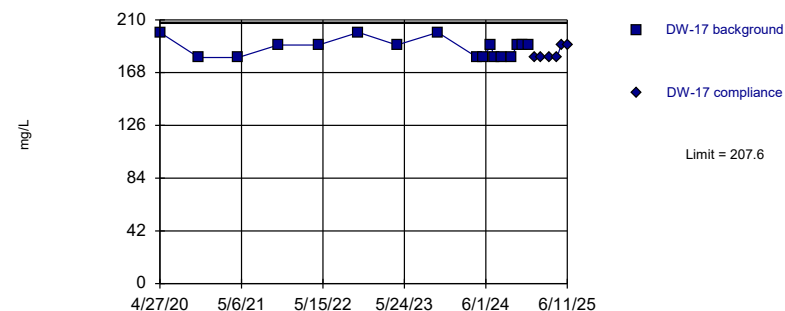
Background Data Summary: Mean=187.7, Std. Dev.=12.43, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



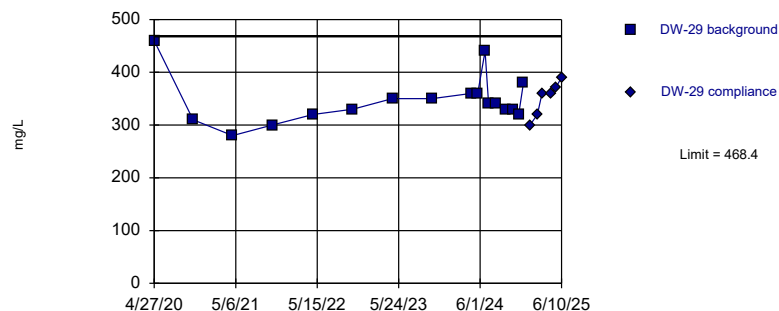
Background Data Summary: Mean=187.6, Std. Dev.=7.524, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



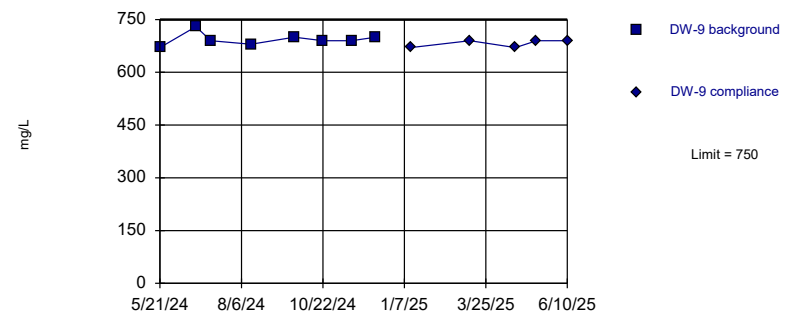
Background Data Summary: Mean=347.1, Std. Dev.=45.66, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



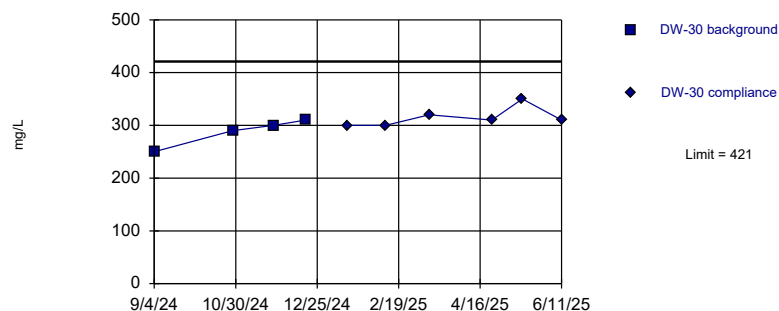
Background Data Summary: Mean=693.8, Std. Dev.=17.68, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 6/29/2025 2:45 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



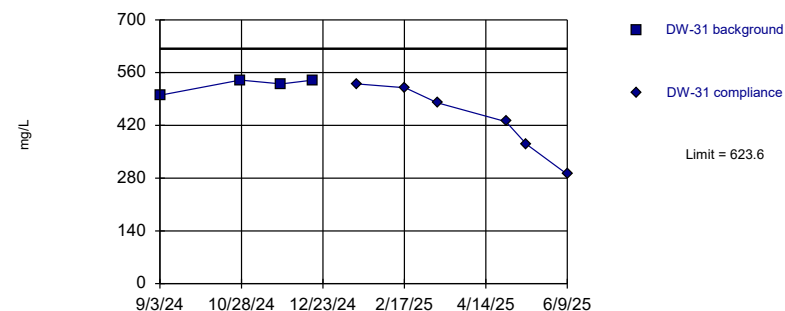
Background Data Summary: Mean=287.5, Std. Dev.=26.3, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 6/29/2025 2:46 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



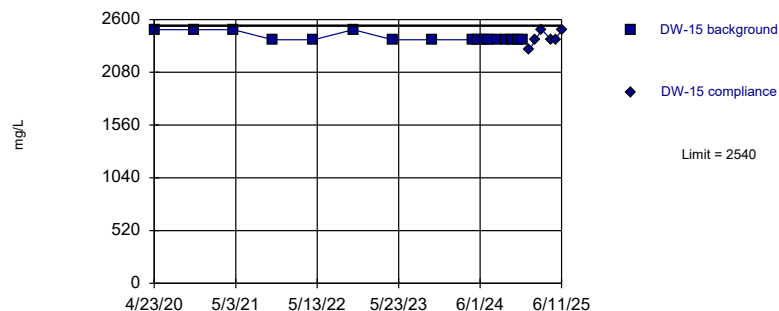
Background Data Summary: Mean=527.5, Std. Dev.=18.93, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 6/29/2025 2:46 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



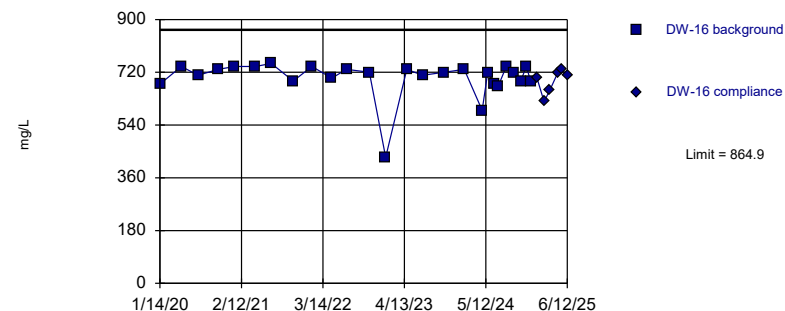
Background Data Summary: Mean=2424, Std. Dev.=43.72, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 6/29/2025 2:46 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



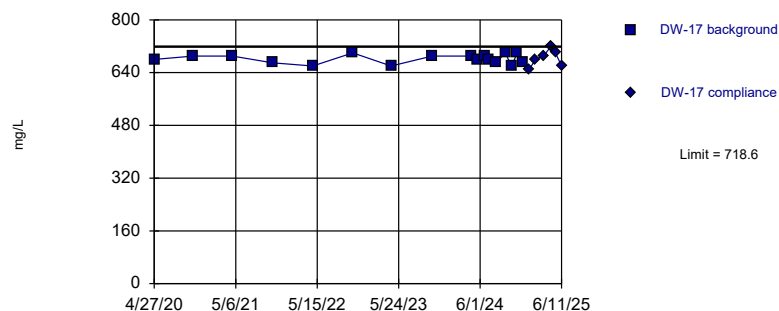
Background Data Summary: Mean=701.2, Std. Dev.=64.64, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 6/29/2025 2:46 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



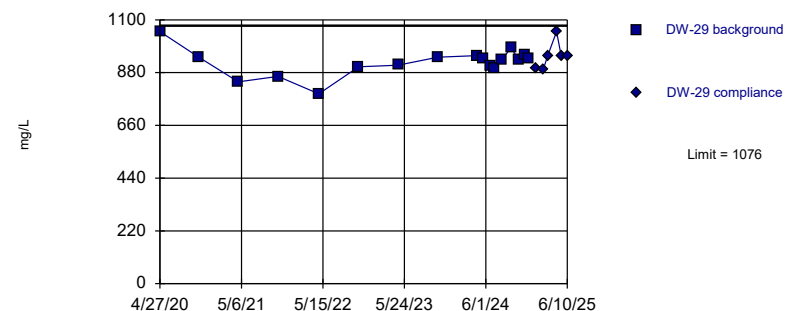
Background Data Summary: Mean=681.2, Std. Dev.=14.09, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 6/29/2025 2:46 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



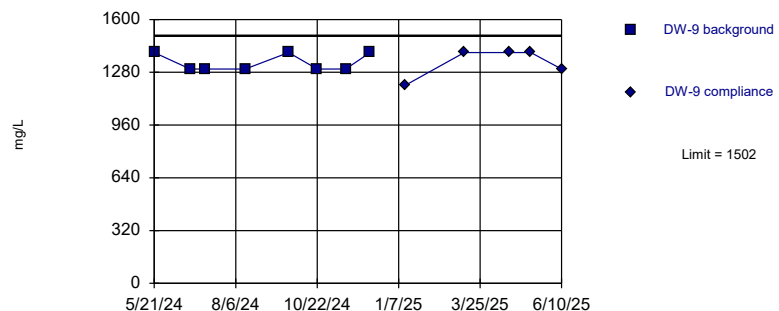
Background Data Summary: Mean=923.5, Std. Dev.=57.25, n=17. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 6/29/2025 2:46 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



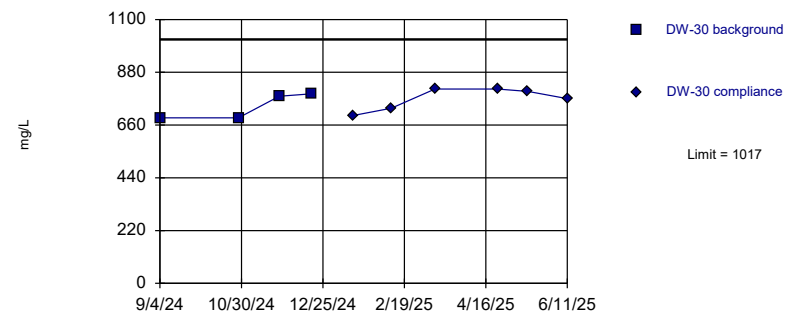
Background Data Summary: Mean=1338, Std. Dev.=51.75, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 6/29/2025 2:46 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



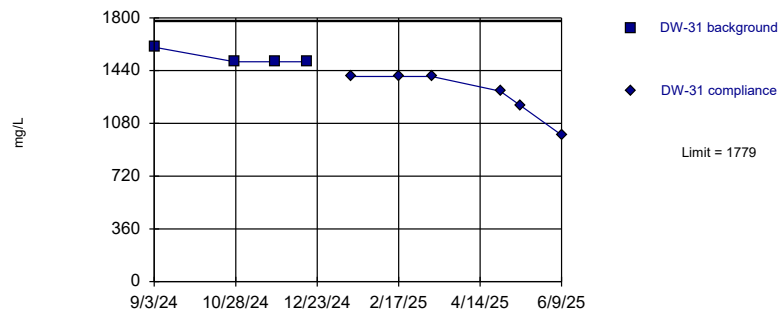
Background Data Summary: Mean=737.5, Std. Dev.=55, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 6/29/2025 2:46 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



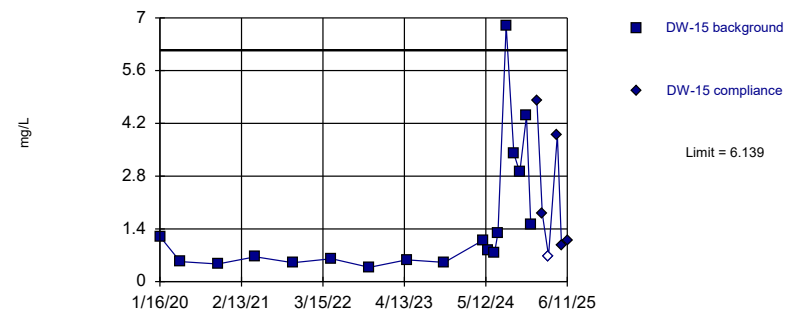
Background Data Summary: Mean=1525, Std. Dev.=50, n=4. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 6/29/2025 2:46 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



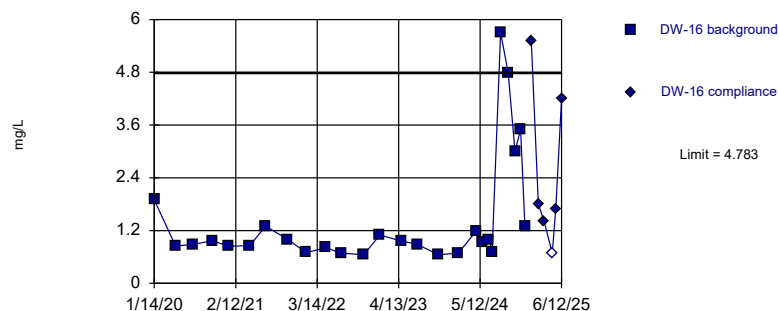
Background Data Summary: Mean=1.58, Std. Dev.=1.729, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Organic Carbon Analysis Run 6/29/2025 2:46 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



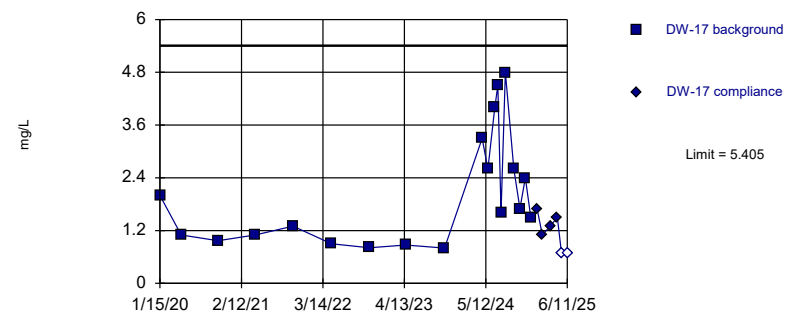
Background Data Summary: Mean=1.457, Std. Dev.=1.314, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Organic Carbon Analysis Run 6/29/2025 2:46 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric

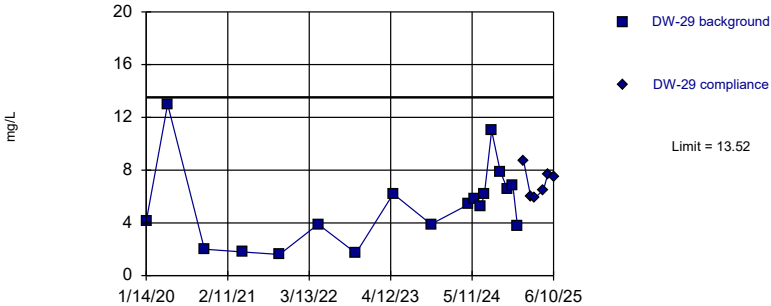


Background Data Summary: Mean=2.045, Std. Dev.=1.283, n=19. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Organic Carbon Analysis Run 6/29/2025 2:46 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit
Intrawell Parametric

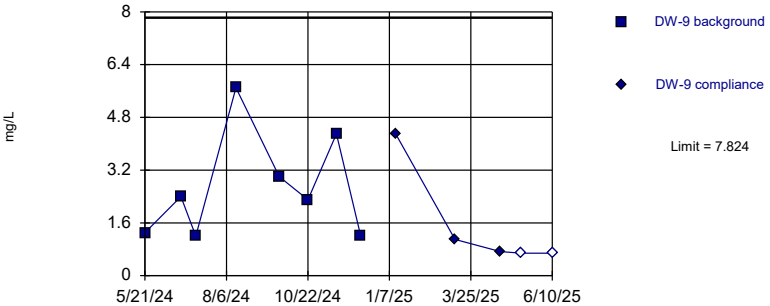


Background Data Summary: Mean=5.389, Std. Dev.=3.083, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Organic Carbon Analysis Run 6/29/2025 2:46 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 6/29/2025 2:46 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019