15 de abril de 2026

Dr. 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-A01 (y su enmienda del 11 de febrero de 2026) la (Orden de Investigación) de la Junta Regional de Control de la Calidad del Agua (RWQCB).[1] La Orden de Investigación estableció un nuevo Programa de Monitoreo de Evaluación (EMP) en el sitio, en respuesta a la reacción del vertedero y al aumento en la producción de lixiviados. Se requiere el monitoreo trimestral de ocho pozos de monitoreo de aguas subterráneas existentes (DW-9, 15, 16, 17, 29, 30, 31 y FP-01) para los parámetros de monitoreo del sitio. En base a los análisis orgánicos y estadísticos de los datos tomados de los ocho pozos de monitoreo de aguas subterráneas existentes y sin considerar los impactos históricos conocidos en el pozo DW-16, no hubo evidencia nueva de los impactos del vertedero en las aguas subterráneas en el sitio y fuera del sitio.

ANTECEDENTES

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

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

[1] En cumplimiento con la Sección 13320 del Código del Agua, Chiquita Canyon, LLC le solicitó a la Junta Estatal de Control de la Calidad del Agua que revise la Orden Enmendada el 13 de marzo de 2026.

Se necesitan tomas de muestras y evaluaciones para los parámetros de monitoreo del sitio de estos pozos. Además, conforme a la Sección 1(e) de la Orden de Investigación, 40 CFR Parte 258 Apéndice II (Apéndice II), se requirieron 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 del nuevo pozo fuera del sitio (FP-01) se informaron en el Informe de Instalación de Pozos de Monitoreo Subterráneo (Geo-Logic Associates, mayo de 2025). No se detectaron constituyentes del Apéndice II de la toma de muestras inicial del Apéndice II en los pozos nuevos instalados DW-30, DW-31 y FP-01 que todavía no estaban en la lista de constituyentes de inquietud.

PROCEDIMIENTOS DE CAMPO

Se tomaron muestras del agua subterránea de ocho pozos del EMP existentes en el sitio, como se especifica en la Orden de Investigación, en enero de 2026.[2] Además, a criterio de CCL, se tomaron muestras de los pozos DW-29, DW-31 y FP-01 en febrero y marzo de 2026.

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 de 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). Se tomó una muestra cuando se determinó que la calidad del agua era estable.

Se analizaron las muestras subterráneas para los parámetros de monitoreo especificados en el programa de monitoreo e informes (MRP).[3] Las muestras de agua se mantuvieron en hielo en refrigeradores y se transportaron a Enthalpy Analytical, un laboratorio certificado por el Estado, para su análisis. Los informes del laboratorio están incluidos en el Adjunto A.

RESUMEN DE LOS RESULTADOS

El análisis de orgánicos no estadísticos, que incluye VOCs y compuestos orgánicos semivolátiles (SVOCs), es un comparativo de cada uno de los compuestos orgánicos detectados con el límite de detección del método correspondiente (MDL) y el límite de cuantificación práctico (PQL). Los compuestos orgánicos detectados en las muestras para este período de monitoreo están tabulados en la Tabla 1. No hay detecciones de VOC de los pozos DW-9, DW-15, DW-17, DW-29 y DW-31. Para los otros, solo se detectó una concentración de un VOC, tetracloroeteno en el pozo DW-30 en la muestra de enero. Como solo se detectó una concentración de vestigios de un solo VOC - por debajo del PQL - en el pozo DW-30, 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 relativamente bajas

[2] Antes de noviembre de 2025, Chiquita había elegido voluntariamente tomar muestras de todos los pozos con una mayor frecuencia mensual. En noviembre de 2025, Chiquita eligió pasar a tomar muestras trimestrales de los pozos para que coincida con los requerimientos detallados en el Párrafo 1.d de la Orden de Investigación, excluyendo DW-30, DW-31 y FP-01 que continuarán mensualmente.

[3] Como se conversó con el RWQCB, en septiembre de 2025, se ajustaron los parámetros para los eventos de toma de muestra para que reflejen solo los MPars indicados en la Tabla T-2 de los Requerimientos para la Descarga de Desechos (WDR), Orden No. R4-2018-0172.

del SVOC 1,4-dioxano en las muestras de los pozos DW-31 y FP-01 cuartos, con niveles promedio que se redujeron en DW-31 desde el último trimestre. 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 enero - 31 de marzo).

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.[4] Los resultados estadísticos del evento de toma de muestras de enero de 2026 indican excedencias en el límite estadístico para sulfato en el pozo DW-16. La concentración actual de sulfato de 230 mg/L está dentro del rango histórico para el pozo DW-16, que ha detectado una concentración máxima de 380 mg/L. Como se desconocen los impactos históricos en el pozo DW-16, el sulfato en el pozo DW-16 será monitoreado en modo de seguimiento.

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

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

Atentamente,

Chang Environmental

Paul D. Chang, C. Hg.
Geólogo Ambiental

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

[4] Como se refleja en la Tabla 2, los análisis estadísticos solo se condujeron en un mes del trimestre (enero de 2026) como se indicó.

TABLE 1

DETECTED ORGANIC COMPOUNDS
CHIQUITA CANYON LANDFILL

Well ID	Sample Date	Compound	Concentration (ug/L)
EMP			
DW-9	1/19/26	none	
DW-15	1/19/26	none	
DW-16	1/20/26	1,1-Dichloroethane	1.3
DW-16	1/20/26	1,4-Dichlorobenzene	1.0
DW-16	1/20/26	Benzene	0.3 J
DW-16	1/20/26	cis-1,2-Dichloroethene	2.0
DW-16	1/20/26	Freon 12	0.2 J
DW-16	1/20/26	Methylene Chloride	1.2 J
DW-16	1/20/26	Tetrachloroethene	0.3 J
DW-16	1/20/26	Trichloroethene	0.5
DW-17	1/19/26	none	
DW-29	1/20/26	none	
DW-29	2/18/26	none	
DW-29	3/19/26	none	
DW-30	1/19/26	Tetrachloroethene	0.2 J
DW-31	1/20/26	1,4-Dioxane	4.1
DW-31	2/18/26	1,4-Dioxane	5.5
DW-31	3/19/26	1,4-Dioxane	2.1
FP-01	1/15/26	1,4-Dioxane	4.7
FP-01	2/18/26	1,4-Dioxane	3.8
FP-01	3/19/26	1,4-Dioxane	4.7
BLANKS			
Field Blank	1/15/26	Methylene Chloride	0.4 J
Field Blank	1/19/26	Methylene Chloride	0.3 J
Field Blank	1/20/26	Methylene Chloride	0.3 J
Field Blank	2/18/26	Methylene Chloride	0.6 J
Field Blank	3/19/26	Methylene Chloride	0.6 J
Trip Blank	1/15/26	Methylene Chloride	0.4 J
Trip Blank	1/15/26	Tetrachloroethene	0.2 J
Trip Blank	1/19/26	Methylene Chloride	0.3 J
Trip Blank	1/20/26	Methylene Chloride	0.4 J
Trip Blank	2/18/26	Methylene Chloride	0.4 J
Trip Blank	3/19/26	Methylene Chloride	0.5 J

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

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

TABLE 2

SUMMARY OF STATISTICAL ANALYSIS
Chiquita Canyon Landfill, Valencia, California

Groundwater Monitoring Point	Alkalinity as CaCO3	Ammonia as N	Chemical Oxygen Demand (COD)	Chloride	Nitrate as N	Potassium, Total	Sodium, Total	Sulfate	Total Dissolved Solids (TDS)	Total Organic Carbon (TOC)
JANUARY 2026										
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	**E**	W	W
DW-17	W	W	W	W	W	W	W	W	W	W
DW-29	W	W	W	W	W	W	W	W	W	W
DW-30	n/a	W	W	W	W	W	W	W	W	n/a
DW-31	n/a	W	W	W	W	W	W	W	W	n/a
FP-01	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

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

Notes:
Shaded cells are well/parameter pairs monitored in tracking mode
Prediction Limit Results: W = Within limit, E = Exceeds limit.
n/a = Not analyzed due to insufficient number of data.

Attachment A

Certified Analytical Report
and Chain of Custody Documentation

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

enthalpy.com

Lab Job Number : 550965
Report Level : II
Report Date : 01/28/2026

Analytical Report *prepared for:*

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

Project: GW MONITORING - CCLF Groundwater - Quarterly MPARS

Authorized for release by:

David Tripp, Project Manager
657-581-4710
david.tripp@enthalpy.com

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

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

ENTHALPY ANALYTICAL

Sample Summary

Steve Cassulo Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384	Lab Job #: Project No: Location: Date Received:	550965 GW MONITORING CCLF Groundwater - Quarterly MPARS 01/15/26

Sample ID	Lab ID	Collected	Matrix
FP-01	550965-001	01/15/26 10:42	Water
QCFB	550965-002	01/15/26 10:44	Water
QCTB	550965-003	01/15/26 00:00	Water

ENTHALPY ANALYTICAL

Case Narrative

Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384 Steve Cassulo	Lab Job Number: 550965 Project No: GW MONITORING Location: CCLF Groundwater - Quarterly MPARS Date Received: 01/15/26

This data package contains sample and QC results for three water samples, requested for the above referenced project on 01/16/26. The samples were received in good condition.

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

- High RPD was observed for toluene, chlorobenzene, and 1,1-dichloroethene in the MS/MSD for batch 392832; the parent sample was not a project sample, the RPD was acceptable in the BS/BSD, and these analytes were not detected at or above the RL in the associated samples.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):
No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):
No analytical problems were encountered.

Metals (EPA 6010B):
No analytical problems were encountered.

Ion Chromatography (EPA 300.0):

- High recoveries were observed for a number of analytes in the MS/MSD for batch 392705; the parent sample was not a project sample.
- Responses exceeding the instrument's linear range were observed for chloride and sulfate in the MSs/MSDs for batch 392705; 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

Chain of Custody Record

Lab No: 550965

Page: 1 of 1

Turn Around Time (rush by advanced notice only)					
Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

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

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: 4.1 / 4.5 IR15 +0.4 (lab use only)

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

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	VOCs (EPA 8260B)	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO3	Ammonia-N, Nitrate-N	COD, Cl, SO4, TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide
1	FP-01	1/15/26	1042	GW	13	var.	X	X	X	X	X	X	X	X	X
2	QCFB	1/15/26	1044	FB	3	↓	X								
3	QCTB	—	—	TB	2	↓	X								
4															
5															
6															
7															
8															
9															
10															

Analysis Request

Test Instructions / Comments

Quarterly MPars

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

Login 550965

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Paul Chang	CEI	1.15.26 1325
[1] Received By:		Jim Lin	EA-NV	1.15.26 1325
[2] Relinquished By:		Jim Lin	EA-NV	1.16.26 9:00
[2] Received By:		GEMA O	EANV	1.16.26 9:00
[3] Relinquished By:		GEMA	EANV	1.16.26 11:00
[3] Received By:		Nicole Mendoza	EA	1-16-26 11:00

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 1.15.26 WO# 550965 Client: Chiquita Cyn

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 1.15.26 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: 7.7 / 7.0 #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)	✓		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	✓		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?	✓		
13) Are VOA vials free from headspace/bubbles > 6mm?	✓		

Section 5: Explanations / Comments ☐ **PM notified**

Date Logged 1.15.26 By (print) JWL (sign)

Date Labeled 1.15.26 By (print) JWL (sign)

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 1/16/26 WO# 550965 Client: WASTECONNECTIONS

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 1/16/26 By (initials) GXO Type of ice used: ■ Wet ☐ Blue/Gel ☐ None

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

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

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR15 CF: +0.4

Cooler Temp (°C) #1: 4.1 / 4.5 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ■ **No microbiology samples submitted (skip 3b)**

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

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ■ **No air samples submitted (skip 3c)**

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

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	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.)

4.10: Nitrate received with 1/2 holding time remaining

☐ **No additional discrepancies**

Date Logged 1/15/26 **By (print)** JWL **(sign)** NA

Date Labeled 1/15/26 **By (print)** JWL **(sign)** NA

ENTHALPY ANALYTICAL

Analysis Results for 550965

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

Lab Job #: 550965
Project No: GW MONITORING
Location: CCLF Groundwater - Quarterly MPARS
Date Received: 01/15/26

Sample ID: FP-01 **Lab ID: 550965-001** **Collected: 01/15/26 10:42**
Matrix: Water

550965-001 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	0.073	1	392705	01/16/26 08:40	01/16/26 13:09	BPH
Chloride	**100**		mg/L	1.0	0.27	1	392705	01/16/26 08:40	01/16/26 13:09	BPH
Bromide	**0.48**		mg/L	0.30	0.060	1	392705	01/16/26 08:40	01/16/26 13:09	BPH
Nitrogen, Nitrate	**0.07**	J	mg/L	0.10	0.05	1	392705	01/16/26 08:40	01/16/26 13:09	BPH
Sulfate	**370**		mg/L	10	1.8	10	392705	01/16/26 08:40	01/16/26 13:27	BPH
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.068	1	393008	01/20/26	01/20/26	JAK
Method: EPA 410.4 Prep Method: EPA 410.4										
Chemical Oxygen Demand	**23**		mg/L	4.0	2.0	1	393241	01/22/26	01/22/26	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.47**		mg/L	0.050	0.018	1	392811	01/17/26	01/17/26	KAM
Calcium	**150**		mg/L	1.0	0.46	1	392811	01/17/26	01/17/26	KAM
Iron	ND		mg/L	0.10	0.055	1	392811	01/17/26	01/17/26	KAM
Magnesium	**31**		mg/L	0.10	0.051	1	392811	01/17/26	01/17/26	KAM
Manganese	**0.18**		mg/L	0.010	0.0029	1	392811	01/17/26	01/17/26	KAM
Potassium	**1.7**		mg/L	0.50	0.50	1	392811	01/17/26	01/17/26	KAM
Sodium	**130**		mg/L	0.60	0.38	1	392811	01/17/26	01/17/26	KAM
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.1	1	392832	01/17/26	01/17/26	EJB
Chloromethane	ND		ug/L	1.0	0.2	1	392832	01/17/26	01/17/26	EJB
Vinyl Chloride	ND		ug/L	0.5	0.1	1	392832	01/17/26	01/17/26	EJB
1,1-Dichloroethene	ND		ug/L	0.5	0.08	1	392832	01/17/26	01/17/26	EJB
Methylene Chloride	ND		ug/L	10	0.2	1	392832	01/17/26	01/17/26	EJB
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	392832	01/17/26	01/17/26	EJB
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.09	1	392832	01/17/26	01/17/26	EJB
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	392832	01/17/26	01/17/26	EJB
Benzene	ND		ug/L	0.5	0.1	1	392832	01/17/26	01/17/26	EJB
Trichloroethene	ND		ug/L	0.5	0.1	1	392832	01/17/26	01/17/26	EJB
Tetrachloroethene	ND		ug/L	0.5	0.1	1	392832	01/17/26	01/17/26	EJB
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	392832	01/17/26	01/17/26	EJB
Surrogates				**Limits**						
Dibromofluoromethane	105%		%REC	70-130		1	392832	01/17/26	01/17/26	EJB
1,2-Dichloroethane-d4	117%		%REC	70-130		1	392832	01/17/26	01/17/26	EJB
Toluene-d8	93%		%REC	70-130		1	392832	01/17/26	01/17/26	EJB
Bromofluorobenzene	98%		%REC	70-130		1	392832	01/17/26	01/17/26	EJB

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

ENTHALPY ANALYTICAL

Analysis Results for 550965

550965-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	**4.7**		ug/L	1.0	0.84	1	392920	01/19/26	01/21/26	MSS
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	103%		%REC	80-120		1	392920	01/19/26	01/21/26	MSS
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	392790	01/16/26	01/16/26	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**10**		mg/L	1.0	0.49	1	392850	01/18/26	01/18/26	BDR
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**390**		mg/L	5.0		2.5	393004	01/20/26	01/20/26	ARM
Alkalinity, Total as CaCO3	**390**		mg/L	5.0		2.5	393004	01/20/26	01/20/26	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**1,100**		mg/L	20		2	392935	01/19/26	01/20/26	RDL

Sample ID: QCFB **Lab ID: 550965-002** **Collected: 01/15/26 10:44**
Matrix: Water

550965-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.1	1	392832	01/17/26	01/17/26	EJB
Chloromethane	ND		ug/L	1.0	0.2	1	392832	01/17/26	01/17/26	EJB
Vinyl Chloride	ND		ug/L	0.5	0.1	1	392832	01/17/26	01/17/26	EJB
1,1-Dichloroethene	ND		ug/L	0.5	0.08	1	392832	01/17/26	01/17/26	EJB
Methylene Chloride	**0.4**	J	ug/L	10	0.2	1	392832	01/17/26	01/17/26	EJB
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	392832	01/17/26	01/17/26	EJB
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.09	1	392832	01/17/26	01/17/26	EJB
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	392832	01/17/26	01/17/26	EJB
Benzene	ND		ug/L	0.5	0.1	1	392832	01/17/26	01/17/26	EJB
Trichloroethene	ND		ug/L	0.5	0.1	1	392832	01/17/26	01/17/26	EJB
Tetrachloroethene	ND		ug/L	0.5	0.1	1	392832	01/17/26	01/17/26	EJB
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	392832	01/17/26	01/17/26	EJB
Surrogates				**Limits**						
Dibromofluoromethane	104%		%REC	70-130		1	392832	01/17/26	01/17/26	EJB
1,2-Dichloroethane-d4	116%		%REC	70-130		1	392832	01/17/26	01/17/26	EJB
Toluene-d8	93%		%REC	70-130		1	392832	01/17/26	01/17/26	EJB
Bromofluorobenzene	94%		%REC	70-130		1	392832	01/17/26	01/17/26	EJB

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

ENTHALPY ANALYTICAL

Analysis Results for 550965

Sample ID: QCTB	Lab ID: 550965-003	Collected: 01/15/26
	Matrix: Water	

550965-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.1	1	392832	01/17/26	01/17/26	EJB
Chloromethane	ND		ug/L	1.0	0.2	1	392832	01/17/26	01/17/26	EJB
Vinyl Chloride	ND		ug/L	0.5	0.1	1	392832	01/17/26	01/17/26	EJB
1,1-Dichloroethene	ND		ug/L	0.5	0.08	1	392832	01/17/26	01/17/26	EJB
Methylene Chloride	**0.4**	J	ug/L	10	0.2	1	392832	01/17/26	01/17/26	EJB
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	392832	01/17/26	01/17/26	EJB
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.09	1	392832	01/17/26	01/17/26	EJB
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	392832	01/17/26	01/17/26	EJB
Benzene	ND		ug/L	0.5	0.1	1	392832	01/17/26	01/17/26	EJB
Trichloroethene	ND		ug/L	0.5	0.1	1	392832	01/17/26	01/17/26	EJB
Tetrachloroethene	**0.2**	J	ug/L	0.5	0.1	1	392832	01/17/26	01/17/26	EJB
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	392832	01/17/26	01/17/26	EJB
Surrogates				**Limits**						
Dibromofluoromethane	102%		%REC	70-130		1	392832	01/17/26	01/17/26	EJB
1,2-Dichloroethane-d4	115%		%REC	70-130		1	392832	01/17/26	01/17/26	EJB
Toluene-d8	92%		%REC	70-130		1	392832	01/17/26	01/17/26	EJB
Bromofluorobenzene	99%		%REC	70-130		1	392832	01/17/26	01/17/26	EJB

J Estimated value
ND Not Detected

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

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID:** QC1331347	**Batch:** 392705
Matrix: Water	**Method:** EPA 300.0	**Prep Method:** METHOD

QC1331347 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	01/16/26 08:40	01/16/26 09:14
Chloride	ND		mg/L	1.0	0.27	01/16/26 08:40	01/16/26 09:14
Bromide	ND		mg/L	0.30	0.060	01/16/26 08:40	01/16/26 09:14
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	01/16/26 08:40	01/16/26 09:14
Sulfate	ND		mg/L	1.0	0.18	01/16/26 08:40	01/16/26 09:14

Type: Lab Control Sample	**Lab ID:** QC1331348	**Batch:** 392705
Matrix: Water	**Method:** EPA 300.0	**Prep Method:** METHOD

QC1331348 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	11.05	10.00	mg/L	110%		90-110
Chloride	51.00	50.00	mg/L	102%		90-110
Bromide	15.50	15.00	mg/L	103%		90-110
Nitrogen, Nitrate	4.684	4.518	mg/L	104%		90-110
Sulfate	27.35	25.00	mg/L	109%		90-110

Type: Matrix Spike	**Lab ID:** QC1331377	**Batch:** 392705
Matrix (Source ID): Water (550961-001)	**Method:** EPA 300.0	**Prep Method:** METHOD

QC1331377 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	25.54	0.3931	20.00	mg/L	126%		80-129	1
Chloride	186.5	66.34	100.0	mg/L	120%		80-123	1
Bromide	18.49	0.5019	15.00	mg/L	120%		80-121	1
Nitrogen, Nitrate	17.40	7.523	9.036	mg/L	109%		80-123	1
Sulfate	159.8	105.0	50.00	mg/L	110%	E	79-124	1

Type: Matrix Spike Duplicate	**Lab ID:** QC1331378	**Batch:** 392705
Matrix (Source ID): Water (550961-001)	**Method:** EPA 300.0	**Prep Method:** METHOD

QC1331378 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	21.98	0.3931	20.00	mg/L	108%		80-129	15	21	1
Chloride	171.2	66.34	100.0	mg/L	105%		80-123	9	20	1
Bromide	16.11	0.5019	15.00	mg/L	104%		80-121	14	20	1
Nitrogen, Nitrate	16.16	7.523	9.036	mg/L	96%		80-123	7	20	1
Sulfate	152.4	105.0	50.00	mg/L	95%	E	79-124		20	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1331521	Batch:	392705
Matrix (Source ID):	Water (551035-002)	Method:	EPA 300.0	Prep Method:	METHOD

QC1331521 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	28.20	0.5668	20.00	mg/L	138%	*	80-129	1
Chloride	222.2	96.22	100.0	mg/L	126%	E,*	80-123	1
Bromide	20.16	0.4660	15.00	mg/L	131%	*	80-121	1
Nitrogen, Nitrate	12.27	0.4513	9.036	mg/L	131%	*	80-123	1
Sulfate	89.35	21.53	50.00	mg/L	136%	*	79-124	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1331522	Batch:	392705
Matrix (Source ID):	Water (551035-002)	Method:	EPA 300.0	Prep Method:	METHOD

QC1331522 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	30.41	0.5668	20.00	mg/L	149%	*	80-129	8	21	1
Chloride	231.7	96.22	100.0	mg/L	135%	E,*	80-123		20	1
Bromide	21.80	0.4660	15.00	mg/L	142%	*	80-121	8	20	1
Nitrogen, Nitrate	13.22	0.4513	9.036	mg/L	141%	*	80-123	7	20	1
Sulfate	94.83	21.53	50.00	mg/L	147%	*	79-124	6	20	1

Type:	Blank	Lab ID:	QC1332427	Batch:	393008
Matrix:	Water	Method:	EPA 350.1	Prep Method:	METHOD

QC1332427 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.068	01/20/26	01/20/26

Type:	Lab Control Sample	Lab ID:	QC1332428	Batch:	393008
Matrix:	Water	Method:	EPA 350.1	Prep Method:	METHOD

QC1332428 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9111	1.000	mg/L	91%		90-110

Type:	Matrix Spike	Lab ID:	QC1332429	Batch:	393008
Matrix (Source ID):	Water (551059-001)	Method:	EPA 350.1	Prep Method:	METHOD

QC1332429 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.184	0.1974	1.000	mg/L	99%		90-110	1

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Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1332430**	**Batch:**	**393008**
Matrix (Source ID):	**Water (551059-001)**	**Method:**	**EPA 350.1**	**Prep Method:**	**METHOD**

QC1332430 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.159	0.1974	1.000	mg/L	96%		90-110	2	20	1

Type:	**Blank**	**Lab ID:**	**QC1333241**	**Batch:**	**393241**
Matrix:	**Water**	**Method:**	**EPA 410.4**	**Prep Method:**	**EPA 410.4**

QC1333241 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	01/22/26	01/22/26

Type:	**Lab Control Sample**	**Lab ID:**	**QC1333242**	**Batch:**	**393241**
Matrix:	**Water**	**Method:**	**EPA 410.4**	**Prep Method:**	**EPA 410.4**

QC1333242 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	97.00	100.0	mg/L	97%		90-110

Type:	**Matrix Spike**	**Lab ID:**	**QC1333243**	**Batch:**	**393241**
Matrix (Source ID):	**Water (550965-001)**	**Method:**	**EPA 410.4**	**Prep Method:**	**EPA 410.4**

QC1333243 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	110.0	23.00	100.0	mg/L	87%		75-125	2

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1333244**	**Batch:**	**393241**
Matrix (Source ID):	**Water (550965-001)**	**Method:**	**EPA 410.4**	**Prep Method:**	**EPA 410.4**

QC1333244 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	108.0	23.00	100.0	mg/L	85%		75-125	2	20	2

Type:	**Matrix Spike**	**Lab ID:**	**QC1333245**	**Batch:**	**393241**
Matrix (Source ID):	**Water (551124-001)**	**Method:**	**EPA 410.4**	**Prep Method:**	**EPA 410.4**

QC1333245 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	92.00	ND	100.0	mg/L	92%		75-125	2

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Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1333246	Batch:	393241
Matrix (Source ID):	Water (551124-001)	Method:	EPA 410.4	Prep Method:	EPA 410.4

QC1333246 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	90.00	ND	100.0	mg/L	90%		75-125	2	20	2

Type:	Blank	Lab ID:	QC1331740	Batch:	392811
Matrix:	Water	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1331740 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.018	01/17/26	01/17/26
Calcium	ND		mg/L	0.46	0.46	01/17/26	01/17/26
Iron	ND		mg/L	0.055	0.055	01/17/26	01/17/26
Magnesium	ND		mg/L	0.10	0.051	01/17/26	01/17/26
Manganese	ND		mg/L	0.010	0.0029	01/17/26	01/17/26
Potassium	ND		mg/L	0.50	0.50	01/17/26	01/17/26
Sodium	ND		mg/L	0.50	0.38	01/17/26	01/17/26

Type:	Lab Control Sample	Lab ID:	QC1331741	Batch:	392811
Matrix:	Water	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1331741 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3739	0.4000	mg/L	93%		80-120
Calcium	19.35	20.40	mg/L	95%		80-120
Iron	0.3781	0.4000	mg/L	95%		80-120
Magnesium	19.31	20.40	mg/L	95%		80-120
Manganese	0.3797	0.4000	mg/L	95%		80-120
Potassium	22.52	24.00	mg/L	94%		80-120
Sodium	18.98	20.40	mg/L	93%		80-120

Type:	Matrix Spike	Lab ID:	QC1331742	Batch:	392811
Matrix (Source ID):	Water (550965-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1331742 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.8546	0.4651	0.4000	mg/L	97%		75-125	1
Calcium	172.2	154.0	20.40	mg/L	89%	NM	75-125	1
Iron	0.3940	ND	0.4000	mg/L	98%		75-125	1
Magnesium	50.66	31.43	20.40	mg/L	94%		75-125	1
Manganese	0.5617	0.1808	0.4000	mg/L	95%		75-125	1
Potassium	24.99	1.657	24.00	mg/L	97%		75-125	1
Sodium	146.7	129.2	20.40	mg/L	86%	NM	75-125	1

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Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1331743	Batch:	392811
Matrix (Source ID):	Water (550965-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1331743 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.8486	0.4651	0.4000	mg/L	96%		75-125	1	20	1
Calcium	171.5	154.0	20.40	mg/L	85%	NM	75-125	0	20	1
Iron	0.3841	ND	0.4000	mg/L	96%		75-125	3	22	1
Magnesium	49.81	31.43	20.40	mg/L	90%		75-125	2	20	1
Manganese	0.5539	0.1808	0.4000	mg/L	93%		75-125	1	20	1
Potassium	24.16	1.657	24.00	mg/L	94%		75-125	3	20	1
Sodium	146.8	129.2	20.40	mg/L	86%	NM	75-125	0	20	1

Type:	Serial Dilution	Lab ID:	QC1331744	Batch:	392811
Matrix (Source ID):	Water (551048-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1331744 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	77.30	79.79	mg/L				50
Calcium	6,595	6427	mg/L				50
Iron	631.2	606.9	mg/L				50
Magnesium	642.6	620.6	mg/L				50
Manganese	39.01	39.69	mg/L				50
Potassium	1,380	1429	mg/L				50
Sodium	4,505	4498	mg/L				50

Type:	Lab Control Sample	Lab ID:	QC1331819	Batch:	392832
Matrix:	Water	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1331819 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	46.85	50.00	ug/L	94%		69-128
MTBE	47.24	50.00	ug/L	94%		66-125
Benzene	47.42	50.00	ug/L	95%		76-121
Trichloroethene	42.66	50.00	ug/L	85%		76-124
Toluene	44.35	50.00	ug/L	89%		76-120
Chlorobenzene	44.44	50.00	ug/L	89%		78-120
Surrogates						
Dibromofluoromethane	50.78	50.00	ug/L	102%		70-130
1,2-Dichloroethane-d4	55.51	50.00	ug/L	111%		70-130
Toluene-d8	48.04	50.00	ug/L	96%		70-130
Bromofluorobenzene	46.74	50.00	ug/L	93%		70-130

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Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1331820	Batch: 392832
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1331820 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	48.39	50.00	ug/L	97%		69-128	3	23
MTBE	51.07	50.00	ug/L	102%		66-125	8	22
Benzene	50.40	50.00	ug/L	101%		76-121	6	21
Trichloroethene	45.24	50.00	ug/L	90%		76-124	6	22
Toluene	46.79	50.00	ug/L	94%		76-120	5	21
Chlorobenzene	46.70	50.00	ug/L	93%		78-120	5	20
Surrogates								
Dibromofluoromethane	52.08	50.00	ug/L	104%		70-130		
1,2-Dichloroethane-d4	58.98	50.00	ug/L	118%		70-130		
Toluene-d8	48.38	50.00	ug/L	97%		70-130		
Bromofluorobenzene	50.53	50.00	ug/L	101%		70-130		

Type: Blank	Lab ID: QC1331824	Batch: 392832
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1331824 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/L	1.0	0.1	01/17/26	01/17/26
Chloromethane	ND		ug/L	1.0	0.2	01/17/26	01/17/26
Vinyl Chloride	ND		ug/L	0.5	0.1	01/17/26	01/17/26
1,1-Dichloroethene	ND		ug/L	0.5	0.08	01/17/26	01/17/26
Methylene Chloride	ND		ug/L	10	0.2	01/17/26	01/17/26
1,1-Dichloroethane	ND		ug/L	0.5	0.1	01/17/26	01/17/26
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.09	01/17/26	01/17/26
1,2-Dichloroethane	ND		ug/L	0.5	0.1	01/17/26	01/17/26
Benzene	ND		ug/L	0.5	0.1	01/17/26	01/17/26
Trichloroethene	ND		ug/L	0.5	0.1	01/17/26	01/17/26
Tetrachloroethene	ND		ug/L	0.5	0.1	01/17/26	01/17/26
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	01/17/26	01/17/26
Surrogates				**Limits**			
Dibromofluoromethane	101%		%REC	70-130		01/17/26	01/17/26
1,2-Dichloroethane-d4	108%		%REC	70-130		01/17/26	01/17/26
Toluene-d8	97%		%REC	70-130		01/17/26	01/17/26
Bromofluorobenzene	96%		%REC	70-130		01/17/26	01/17/26

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1331825	Batch:	392832
Matrix (Source ID):	Water (551048-002)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1331825 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	1,140	ND	1000	ug/L	114%		62-131	50
MTBE	1,186	ND	1000	ug/L	119%		61-124	50
Benzene	1,226	39.33	1000	ug/L	119%		70-123	50
Trichloroethene	1,034	ND	1000	ug/L	103%		65-131	50
Toluene	1,086	13.99	1000	ug/L	107%		69-120	50
Chlorobenzene	1,092	ND	1000	ug/L	109%		72-121	50
Surrogates								
Dibromofluoromethane	2,583		2500	ug/L	103%		70-130	50
1,2-Dichloroethane-d4	2,916		2500	ug/L	117%		70-130	50
Toluene-d8	2,355		2500	ug/L	94%		70-130	50
Bromofluorobenzene	2,427		2500	ug/L	97%		70-130	50

Type:	Matrix Spike Duplicate	Lab ID:	QC1331826	Batch:	392832
Matrix (Source ID):	Water (551048-002)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1331826 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	815.1	ND	1000	ug/L	82%		62-131	33*	31	50
MTBE	914.7	ND	1000	ug/L	91%		61-124	26	30	50
Benzene	900.9	39.33	1000	ug/L	86%		70-123	31	31	50
Trichloroethene	760.6	ND	1000	ug/L	76%		65-131	30	31	50
Toluene	787.5	13.99	1000	ug/L	77%		69-120	32*	29	50
Chlorobenzene	792.0	ND	1000	ug/L	79%		72-121	32*	29	50
Surrogates										
Dibromofluoromethane	2,659		2500	ug/L	106%		70-130			50
1,2-Dichloroethane-d4	2,955		2500	ug/L	118%		70-130			50
Toluene-d8	2,406		2500	ug/L	96%		70-130			50
Bromofluorobenzene	2,397		2500	ug/L	96%		70-130			50

Type:	Blank	Lab ID:	QC1332158	Batch:	392920
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1332158 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.84	01/19/26	01/20/26
Surrogates				**Limits**			
1,4-Dioxane-d8 (SUR)	95%		%REC	80-120		01/19/26	01/20/26

ENTHALPY ANALYTICAL

Batch QC

Type:	Lab Control Sample	Lab ID:	QC1332159	Batch:	392920
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1332159 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	9.395	10.00	ug/L	94%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.20	10.00	ug/L	102%		80-120

Type:	Lab Control Sample Duplicate	Lab ID:	QC1332160	Batch:	392920
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1332160 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	9.602	10.00	ug/L	96%		79-120	2	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.05	10.00	ug/L	101%		80-120		

Type:	Blank	Lab ID:	QC1331658	Batch:	392790
Matrix:	Water	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1331658 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		01/16/26	01/16/26

Type:	Lab Control Sample	Lab ID:	QC1331659	Batch:	392790
Matrix:	Water	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1331659 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type:	Matrix Spike	Lab ID:	QC1331695	Batch:	392790
Matrix (Source ID):	Water (550799-001)	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1331695 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:	QC1331696	Batch:	392790
Matrix (Source ID):	Water (550799-001)	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1331696 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	12	20	1

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1331905	Batch: 392850
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1331905 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.49	01/18/26	01/18/26

Type: Lab Control Sample	Lab ID: QC1331906	Batch: 392850
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1331906 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	23.96	25.00	mg/L	96%		85-115

Type: Matrix Spike	Lab ID: QC1331907	Batch: 392850
Matrix (Source ID): Water (550696-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1331907 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	32.80	7.538	25.00	mg/L	101%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1331908	Batch: 392850
Matrix (Source ID): Water (550696-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1331908 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	28.95	7.538	25.00	mg/L	86%		75-125	12	25	1

Type: Blank	Lab ID: QC1332445	Batch: 393004
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1332445 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO3	ND		mg/L	2.0		01/20/26	01/20/26
Alkalinity, Total as CaCO3	ND		mg/L	2.0		01/20/26	01/20/26

Type: Lab Control Sample	Lab ID: QC1332446	Batch: 393004
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1332446 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO3	96.23	100.0	mg/L	96%		90-110

Type: Sample Duplicate	Lab ID: QC1332447	Batch: 393004
Matrix (Source ID): Water (550514-001)	Method: SM2320B	Prep Method: METHOD

QC1332447 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO3	617.9	617.9	mg/L		0	20	2.5
Alkalinity, Total as CaCO3	617.9	617.9	mg/L		0	20	2.5

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID:** QC1332193	**Batch:** 392935
Matrix: Water	**Method:** SM2540C	**Prep Method:** METHOD

QC1332193 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		01/19/26	01/20/26

Type: Lab Control Sample	**Lab ID:** QC1332194	**Batch:** 392935
Matrix: Water	**Method:** SM2540C	**Prep Method:** METHOD

QC1332194 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	964.0	1000	mg/L	96%		90-110

Type: Sample Duplicate	**Lab ID:** QC1332198	**Batch:** 392935
Matrix (Source ID): Water (550816-001)	**Method:** SM2540C	**Prep Method:** METHOD

QC1332198 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	908.0	900.0	mg/L		1	5	2

Type: Sample Duplicate	**Lab ID:** QC1332199	**Batch:** 392935
Matrix (Source ID): Water (550886-007)	**Method:** SM2540C	**Prep Method:** METHOD

QC1332199 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	2,440	2366	mg/L		3	5	2

* Value is outside QC limits

E Response exceeds instrument's linear range

ND Not Detected

NM Not Meaningful

Laboratory Job Number 550965

Subcontracted Products

McCampbell Analytical, Inc.

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"When Quality Counts"

Analytical Report

WorkOrder: 2601968

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: David Tripp
Project P.O.: 079649
Project: EO-550965

Project Location:
Project Received: 01/16/2026

Analytical Report reviewed & approved for release on 01/26/2026 by:

Yen Cao

Yen Cao
Project Manager

McCampbell 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.

1534 Willow Pass Rd. Pittsburg, CA 94565 ♦ TEL: (877) 252-9262 ♦ FAX: (925) 252-9269 ♦ www.mccampbell.com

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2601968

Project: EO-550965

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.

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2601968

Project: EO-550965

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.
TPH-Diesel	Sample results for semi-volatile TPH (diesel, kerosene, oil, etc) were calculated using a background subtraction procedure to correct for instrument baseline rise (column bleed) as described in Sec 7.7.2.2 of EPA 8015 B, C.
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)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2601968
Date Received:	01/16/2026 10:52	**Extraction Method:**	RSK175
Date Prepared:	01/21/2026	**Analytical Method:**	RSK175
Project:	EO-550965	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
FP-01	**2601968-001A**	**Water**	**01/15/2026 10:42**	**GC26 0121261006.D**	**334106**

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**30,000**	1000	1000	20	01/21/2026 13:47

Analyst(s): CLO

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Quality Control Report

Client:	Enthalpy Analytical	**WorkOrder:**	2601968
Date Prepared:	01/21/2026	**BatchID:**	334106
Date Analyzed:	01/21/2026	**Extraction Method:**	RSK175
Instrument:	GC26	**Analytical Method:**	RSK175
Matrix:	Water	**Unit:**	µg/L
Project:	EO-550965	**Sample ID:**	MB/LCS/LCSD-334106

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	180	150	187.2	94	82	70-130	12.6	30

McCampbell Analytical, Inc.
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Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2601968 **ClientCode: ENO** **QuoteID: 262776**

☐ WaterTrax ☐ CLIP ☐ EDF ☑ EQuIS ☑ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag
☑ Detection Summary ☑ **Excel** [A1_Standard _QC]

Report to:
David Tripp
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
657-581-4710 FAX:

Email: david.tripp@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 079649
Project: EO-550965

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: **01/16/2026**
Date Logged: **01/16/2026**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
2601968-001	FP-01	Water	1/15/2026 10:42	☐	A	A										

Test Legend:

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

Project Manager: Jena Alfaro

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.

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WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL **Project:** EO-550965 **Work Order:** 2601968
Client Contact: David Tripp **QC Level:** LEVEL 2
Contact's Email: david.tripp@enthalpy.com **Comments:** **Date Logged:** 1/16/2026

☐ WaterTrax ☐ CLIP ☐ EDF ☑ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	FP-01	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	1/15/2026 10:42	5 days	1/26/2026	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.**

Cont./Comp. = Containers /Composites

2601968

ENTHALPY ANALYTICAL
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: 252619
PO #: PO-079649

Enthalpy Order: EO-550965
PM: David Tripp
Email: david.tripp@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: 657-581-4710

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

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
FP-01	15-JAN-2026 10:42	550965-001	2	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
		GLS
	Date: 1-15-26 3pm	Date: 1-15-26
	GLS	
	Date: 1-16-26	Date: 1/16/26 1052
	Date:	Date:

D.ICWR 1239

1 of 1

GSO: 5639609423

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Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-550965

Date and Time Received: 1/16/2026 10:52
Date Logged: 1/16/2026
Received by: Agustina Venegas
Logged by: Agustina Venegas

WorkOrder №: 2601968 Matrix: Water
Carrier: Golden State Overnight

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Sample IDs noted by Client on COC?	Yes ☑	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐	
Sampler's name noted on COC?	Yes ☐	No ☑	
COC agrees with Quote?	Yes ☐	No ☑	NA ☐
COC quote is active?	Yes ☑	No ☐	NA ☐

Sample Receipt Information

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

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	NA ☐
Samples Received on Ice?	Yes ☑	No ☐	
(Ice Type: WET ICE)			
Sample/Temp Blank temperature	Temp: 0.1°C		NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☑	No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
pH acceptable upon receipt (Metal: <2)?	Yes ☐	No ☐	NA ☑

UCMR Samples:

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

Comments:

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

enthalpy.com

Lab Job Number : 551124
Report Level : II
Report Date : 01/30/2026

Analytical Report *prepared for:*

Dylan Smith
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - CCLF Groundwater - Quarterly MPARS

Authorized for release by:

David Tripp, Project Manager
657-581-4710
david.tripp@enthalpy.com

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

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

ENTHALPY ANALYTICAL

Sample Summary

Dylan Smith
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #:	551124
Project No:	GW MONITORING
Location:	CCLF Groundwater - Quarterly MPARS
Date Received:	01/19/26

Sample ID	Lab ID	Collected	Matrix
DW-17	551124-001	01/19/26 09:11	Water
DW-9	551124-002	01/19/26 10:44	Water
DW-15	551124-003	01/19/26 11:56	Water
DW-30	551124-004	01/19/26 12:54	Water
QCFB	551124-005	01/19/26 12:56	Water
QCTB	551124-006	01/19/26 00:00	Water

Case Narrative

Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384 Dylan Smith	Lab Job Number: 551124 Project No: GW MONITORING Location: CCLF Groundwater - Quarterly MPARS Date Received: 01/19/26

This data package contains sample and QC results for six water samples, requested for the above referenced project on 01/20/26. The samples were received in good condition.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):
No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):
No analytical problems were encountered.

Metals (EPA 6010B):

- Calcium and iron were detected between the MDL and the RL in the method blank for batch 393036; these analytes were either not detected in samples at or above the RL, or detected at a level at least 10 times that of the blank.
- No other analytical problems were encountered.

Ion Chromatography (EPA 300.0):

- Responses exceeding the instrument's linear range were observed for nitrogen, nitrate and sulfate in the MS/MSD for batch 393028; 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

Chain of Custody Record

Lab No: 551124

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

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

Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

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

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

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

Analysis Request

Test Instructions / Comments

to 2

1R10

4.4/4.6

Quarterly MPars

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

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	VOCs (EPA 8260B)	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO3	Ammonia-N, Nitrate-N	COD, Cl, SO4, TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide
1	DW-17	1/19/26	911	GW	13	var.	X	X	X	X	X	X	X	X	X
2	DW-9	↓	1044	↓	↓	↓	X	X	X	X	X	X	X	X	X
3	DW-15	↓	1156	↓	↓	↓	X	X	X	X	X	X	X	X	X
4	DW-30	↓	1254	↓	↓	↓	X	X	X	X	X	X	X	X	X
5	QCFB	↓	1256	FB	3	↓	X								
6	QCTB	—	—	TB	2	↓	X								
7															
8															
9															
10															

Login 551124

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Paul Chang	CEI	1.19.26 1410
[1] Received By:		Jim Lin	EA-NH	1.19.26 1410
[2] Relinquished By:		Jim Lin	EA-NH	1.20.26 8:20
[2] Received By:		CEMA O	CANH	1.20.26 8:20
[3] Relinquished By:		CEMA O	CANH	1.20.26
[3] Received By:		Jen G	EA	1.20.26 1136

Rel By: 1.20.26 1230 — Rec By: NCM EA 1-20-26 12:30

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 1·19·26 WO# 551124 Client: Chiquita Cyn 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 1·19·26 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: 8.9 / 8.2 #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)	✓		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	✓		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			✓
13) Are VOA vials free from headspace/bubbles > 6mm?	✓		

Section 5: Explanations / Comments ☐ **PM notified**

Date Logged 1·19·26 **By (print)** JWL **(sign)** [signature]

Date Labeled 1·19·26 **By (print)** JWL **(sign)** [signature]

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 1/20/26 WO# 551124 Client: WASTECONNECTIONS

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 1/20/26 By (initials) H GS 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 10 CF: +0.2

Cooler Temp (°C) #1: 4.4 / 4.6 #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)	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.)

4.1 Nitrates for samples -001 to -003 have 1/2 holding time remaining

☒ **No additional discrepancies**

Date Logged 1/19/26 **By (print)** JWL **(sign)** NA

Date Labeled 1/19/26 **By (print)** JWL **(sign)** NA

ENTHALPY ANALYTICAL

Analysis Results for 551124

Dylan Smith
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 551124
Project No: GW MONITORING
Location: CCLF Groundwater - Quarterly MPARS
Date Received: 01/19/26

Sample ID: DW-17 **Lab ID: 551124-001** **Collected: 01/19/26 09:11**
Matrix: Water

551124-001 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	393028	01/20/26 13:07	01/20/26 17:45	KUM
Chloride	**150**		mg/L	1.0	0.27	1	393028	01/20/26 13:07	01/20/26 17:45	KUM
Bromide	**0.26**	J	mg/L	0.30	0.060	1	393028	01/20/26 13:07	01/20/26 17:45	KUM
Nitrogen, Nitrate	**0.77**		mg/L	0.10	0.05	1	393028	01/20/26 13:07	01/20/26 17:45	KUM
Sulfate	**180**		mg/L	10	2.5	10	393028	01/20/26 13:07	01/20/26 18:08	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.068	1	393823	01/28/26	01/29/26	CKN
Method: EPA 410.4 Prep Method: EPA 410.4										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	393241	01/22/26	01/22/26	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.085**		mg/L	0.050	0.0090	1	393036	01/20/26	01/20/26	SBW
Calcium	**4.6**		mg/L	0.10	0.0095	1	393036	01/20/26	01/20/26	SBW
Iron	ND		mg/L	0.050	0.017	1	393036	01/20/26	01/20/26	SBW
Magnesium	**0.12**		mg/L	0.10	0.017	1	393036	01/20/26	01/20/26	SBW
Manganese	ND		mg/L	0.010	0.00075	1	393036	01/20/26	01/20/26	SBW
Potassium	**0.65**		mg/L	0.50	0.20	1	393036	01/20/26	01/20/26	SBW
Sodium	**210**		mg/L	0.50	0.017	1	393036	01/20/26	01/20/26	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.1	1	393079	01/20/26	01/20/26	LYZ
Chloromethane	ND		ug/L	1.0	0.2	1	393079	01/20/26	01/20/26	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.1	1	393079	01/20/26	01/20/26	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.08	1	393079	01/20/26	01/20/26	LYZ
Methylene Chloride	ND		ug/L	10	0.2	1	393079	01/20/26	01/20/26	LYZ
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	393079	01/20/26	01/20/26	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.09	1	393079	01/20/26	01/20/26	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	393079	01/20/26	01/20/26	LYZ
Benzene	ND		ug/L	0.5	0.1	1	393079	01/20/26	01/20/26	LYZ
Trichloroethene	ND		ug/L	0.5	0.1	1	393079	01/20/26	01/20/26	LYZ
Tetrachloroethene	ND		ug/L	0.5	0.1	1	393079	01/20/26	01/20/26	LYZ
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	393079	01/20/26	01/20/26	LYZ
Surrogates				**Limits**						
Dibromofluoromethane	103%		%REC	70-130		1	393079	01/20/26	01/20/26	LYZ
1,2-Dichloroethane-d4	112%		%REC	70-130		1	393079	01/20/26	01/20/26	LYZ
Toluene-d8	96%		%REC	70-130		1	393079	01/20/26	01/20/26	LYZ
Bromofluorobenzene	97%		%REC	70-130		1	393079	01/20/26	01/20/26	LYZ

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

Analysis Results for 551124

551124-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	393419	01/23/26	01/27/26	MSS
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	97%		%REC	80-120		1	393419	01/23/26	01/27/26	MSS
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	393059	01/20/26	01/20/26	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**0.90**	J	mg/L	1.0	0.49	1	393301	01/22/26	01/22/26	BDR
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**140**		mg/L	5.0		2.5	393295	01/27/26	01/27/26	ARM
Alkalinity, Total as CaCO3	**140**		mg/L	5.0		2.5	393295	01/27/26	01/27/26	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**680**		mg/L	20		2	393048	01/20/26	01/22/26	AAB

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

ENTHALPY ANALYTICAL

Analysis Results for 551124

Sample ID: DW-9	Lab ID: 551124-002	Collected: 01/19/26 10:44
	Matrix: Water	

551124-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**2.0**		mg/L	0.20	0.072	1	393028	01/20/26 13:07	01/20/26 19:17	KUM
Chloride	**78**		mg/L	1.0	0.27	1	393028	01/20/26 13:07	01/20/26 19:17	KUM
Bromide	**0.22**	J	mg/L	0.30	0.060	1	393028	01/20/26 13:07	01/20/26 19:17	KUM
Nitrogen, Nitrate	**2.2**		mg/L	0.10	0.05	1	393028	01/20/26 13:07	01/20/26 19:17	KUM
Sulfate	**690**		mg/L	10	2.5	10	393028	01/20/26 13:07	01/20/26 19:40	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.068	1	393823	01/28/26	01/29/26	CKN
Method: EPA 410.4 Prep Method: EPA 410.4										
Chemical Oxygen Demand	**7.0**		mg/L	4.0	2.0	1	393241	01/22/26	01/22/26	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.58**		mg/L	0.050	0.0090	1	393036	01/20/26	01/20/26	SBW
Calcium	**21**		mg/L	0.10	0.0095	1	393036	01/20/26	01/20/26	SBW
Iron	ND		mg/L	0.050	0.017	1	393036	01/20/26	01/20/26	SBW
Magnesium	**2.2**		mg/L	0.10	0.017	1	393036	01/20/26	01/20/26	SBW
Manganese	ND		mg/L	0.010	0.00075	1	393036	01/20/26	01/20/26	SBW
Potassium	**1.5**		mg/L	0.50	0.20	1	393036	01/20/26	01/20/26	SBW
Sodium	**370**		mg/L	0.50	0.017	1	393036	01/20/26	01/20/26	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.1	1	393079	01/21/26	01/21/26	LYZ
Chloromethane	ND		ug/L	1.0	0.2	1	393079	01/21/26	01/21/26	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.1	1	393079	01/21/26	01/21/26	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.08	1	393079	01/21/26	01/21/26	LYZ
Methylene Chloride	ND		ug/L	10	0.2	1	393079	01/21/26	01/21/26	LYZ
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	393079	01/21/26	01/21/26	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.09	1	393079	01/21/26	01/21/26	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	393079	01/21/26	01/21/26	LYZ
Benzene	ND		ug/L	0.5	0.1	1	393079	01/21/26	01/21/26	LYZ
Trichloroethene	ND		ug/L	0.5	0.1	1	393079	01/21/26	01/21/26	LYZ
Tetrachloroethene	ND		ug/L	0.5	0.1	1	393079	01/21/26	01/21/26	LYZ
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	393079	01/21/26	01/21/26	LYZ
Surrogates				**Limits**						
Dibromofluoromethane	103%		%REC	70-130		1	393079	01/21/26	01/21/26	LYZ
1,2-Dichloroethane-d4	114%		%REC	70-130		1	393079	01/21/26	01/21/26	LYZ
Toluene-d8	94%		%REC	70-130		1	393079	01/21/26	01/21/26	LYZ
Bromofluorobenzene	97%		%REC	70-130		1	393079	01/21/26	01/21/26	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	393419	01/23/26	01/27/26	MSS
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	97%		%REC	80-120		1	393419	01/23/26	01/27/26	MSS

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

ENTHALPY ANALYTICAL

Analysis Results for 551124

551124-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	393059	01/20/26	01/20/26	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**1.9**		mg/L	1.0	0.49	1	393301	01/22/26	01/22/26	BDR
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**160**		mg/L	3.3		1.7	393295	01/27/26	01/27/26	ARM
Alkalinity, Total as CaCO3	**160**		mg/L	3.3		1.7	393295	01/27/26	01/27/26	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**1,300**		mg/L	20		2	393048	01/20/26	01/22/26	AAB

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

ENTHALPY ANALYTICAL

Analysis Results for 551124

Sample ID: DW-15	Lab ID: 551124-003	Collected: 01/19/26 11:56
	Matrix: Water	

551124-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.081**	J	mg/L	0.20	0.072	1	393028	01/20/26 13:07	01/20/26 20:02	KUM
Chloride	**74**		mg/L	1.0	0.27	1	393028	01/20/26 13:07	01/20/26 20:02	KUM
Bromide	**0.14**	J	mg/L	0.30	0.060	1	393028	01/20/26 13:07	01/20/26 20:02	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	393028	01/20/26 13:07	01/20/26 20:02	KUM
Sulfate	**1,500**		mg/L	20	4.9	20	393028	01/20/26 13:07	01/20/26 20:25	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	**0.17**		mg/L	0.10	0.068	1	393823	01/28/26	01/29/26	CKN
Method: EPA 410.4 Prep Method: EPA 410.4										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	393241	01/22/26	01/22/26	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.22**		mg/L	0.050	0.0090	1	393036	01/20/26	01/20/26	SBW
Calcium	**240**		mg/L	0.10	0.0095	1	393036	01/20/26	01/20/26	SBW
Iron	**0.88**		mg/L	0.050	0.017	1	393036	01/20/26	01/20/26	SBW
Magnesium	**34**		mg/L	0.10	0.017	1	393036	01/20/26	01/20/26	SBW
Manganese	**0.62**		mg/L	0.010	0.00075	1	393036	01/20/26	01/20/26	SBW
Potassium	**2.9**		mg/L	0.50	0.20	1	393036	01/20/26	01/20/26	SBW
Sodium	**400**		mg/L	0.50	0.017	1	393036	01/20/26	01/20/26	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.1	1	393079	01/21/26	01/21/26	LYZ
Chloromethane	ND		ug/L	1.0	0.2	1	393079	01/21/26	01/21/26	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.1	1	393079	01/21/26	01/21/26	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.08	1	393079	01/21/26	01/21/26	LYZ
Methylene Chloride	ND		ug/L	10	0.2	1	393079	01/21/26	01/21/26	LYZ
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	393079	01/21/26	01/21/26	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.09	1	393079	01/21/26	01/21/26	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	393079	01/21/26	01/21/26	LYZ
Benzene	ND		ug/L	0.5	0.1	1	393079	01/21/26	01/21/26	LYZ
Trichloroethene	ND		ug/L	0.5	0.1	1	393079	01/21/26	01/21/26	LYZ
Tetrachloroethene	ND		ug/L	0.5	0.1	1	393079	01/21/26	01/21/26	LYZ
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	393079	01/21/26	01/21/26	LYZ
Surrogates				**Limits**						
Dibromofluoromethane	105%		%REC	70-130		1	393079	01/21/26	01/21/26	LYZ
1,2-Dichloroethane-d4	118%		%REC	70-130		1	393079	01/21/26	01/21/26	LYZ
Toluene-d8	92%		%REC	70-130		1	393079	01/21/26	01/21/26	LYZ
Bromofluorobenzene	97%		%REC	70-130		1	393079	01/21/26	01/21/26	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	393419	01/23/26	01/27/26	MSS
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	95%		%REC	80-120		1	393419	01/23/26	01/27/26	MSS

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

ENTHALPY ANALYTICAL

Analysis Results for 551124

551124-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	393059	01/20/26	01/20/26	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**1.9**		mg/L	1.0	0.49	1	393301	01/22/26	01/22/26	BDR
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**190**		mg/L	3.3		1.7	393295	01/27/26	01/27/26	ARM
Alkalinity, Total as CaCO3	**190**		mg/L	3.3		1.7	393295	01/27/26	01/27/26	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**2,400**		mg/L	20		2	393048	01/20/26	01/22/26	AAB

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

ENTHALPY ANALYTICAL

Analysis Results for 551124

Sample ID: DW-30	Lab ID: 551124-004	Collected: 01/19/26 12:54
	Matrix: Water	

551124-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.87**		mg/L	0.20	0.072	1	393028	01/20/26 13:07	01/20/26 20:48	KUM
Chloride	**58**		mg/L	1.0	0.27	1	393028	01/20/26 13:07	01/20/26 20:48	KUM
Bromide	**0.12**	J	mg/L	0.30	0.060	1	393028	01/20/26 13:07	01/20/26 20:48	KUM
Nitrogen, Nitrate	**0.25**		mg/L	0.10	0.05	1	393028	01/20/26 13:07	01/20/26 20:48	KUM
Sulfate	**300**		mg/L	10	2.5	10	393028	01/20/26 13:07	01/20/26 21:10	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.068	1	393823	01/28/26	01/29/26	CKN
Method: EPA 410.4 Prep Method: EPA 410.4										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	393241	01/22/26	01/22/26	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.20**		mg/L	0.050	0.0090	1	393036	01/20/26	01/20/26	SBW
Calcium	**36**		mg/L	0.10	0.0095	1	393036	01/20/26	01/20/26	SBW
Iron	**0.48**		mg/L	0.050	0.017	1	393036	01/20/26	01/20/26	SBW
Magnesium	**5.8**		mg/L	0.10	0.017	1	393036	01/20/26	01/20/26	SBW
Manganese	**0.028**		mg/L	0.010	0.00075	1	393036	01/20/26	01/20/26	SBW
Potassium	**1.6**		mg/L	0.50	0.20	1	393036	01/20/26	01/20/26	SBW
Sodium	**190**		mg/L	0.50	0.017	1	393036	01/20/26	01/20/26	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.1	1	393079	01/21/26	01/21/26	LYZ
Chloromethane	ND		ug/L	1.0	0.2	1	393079	01/21/26	01/21/26	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.1	1	393079	01/21/26	01/21/26	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.08	1	393079	01/21/26	01/21/26	LYZ
Methylene Chloride	ND		ug/L	10	0.2	1	393079	01/21/26	01/21/26	LYZ
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	393079	01/21/26	01/21/26	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.09	1	393079	01/21/26	01/21/26	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	393079	01/21/26	01/21/26	LYZ
Benzene	ND		ug/L	0.5	0.1	1	393079	01/21/26	01/21/26	LYZ
Trichloroethene	ND		ug/L	0.5	0.1	1	393079	01/21/26	01/21/26	LYZ
Tetrachloroethene	**0.2**	J	ug/L	0.5	0.1	1	393079	01/21/26	01/21/26	LYZ
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	393079	01/21/26	01/21/26	LYZ
Surrogates				**Limits**						
Dibromofluoromethane	103%		%REC	70-130		1	393079	01/21/26	01/21/26	LYZ
1,2-Dichloroethane-d4	112%		%REC	70-130		1	393079	01/21/26	01/21/26	LYZ
Toluene-d8	95%		%REC	70-130		1	393079	01/21/26	01/21/26	LYZ
Bromofluorobenzene	96%		%REC	70-130		1	393079	01/21/26	01/21/26	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	393419	01/23/26	01/27/26	MSS
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	94%		%REC	80-120		1	393419	01/23/26	01/27/26	MSS

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

ENTHALPY ANALYTICAL

Analysis Results for 551124

551124-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	393059	01/20/26	01/20/26	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**0.67**	J	mg/L	1.0	0.49	1	393301	01/22/26	01/22/26	BDR
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**190**		mg/L	3.3		1.7	393295	01/27/26	01/27/26	ARM
Alkalinity, Total as CaCO3	**190**		mg/L	3.3		1.7	393295	01/27/26	01/27/26	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**770**		mg/L	20		2	393048	01/20/26	01/22/26	AAB

Sample ID: QCFB **Lab ID: 551124-005** **Collected: 01/19/26 12:56**
Matrix: Water

551124-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.1	1	393079	01/21/26	01/21/26	LYZ
Chloromethane	ND		ug/L	1.0	0.2	1	393079	01/21/26	01/21/26	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.1	1	393079	01/21/26	01/21/26	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.08	1	393079	01/21/26	01/21/26	LYZ
Methylene Chloride	**0.3**	J	ug/L	10	0.2	1	393079	01/21/26	01/21/26	LYZ
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	393079	01/21/26	01/21/26	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.09	1	393079	01/21/26	01/21/26	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	393079	01/21/26	01/21/26	LYZ
Benzene	ND		ug/L	0.5	0.1	1	393079	01/21/26	01/21/26	LYZ
Trichloroethene	ND		ug/L	0.5	0.1	1	393079	01/21/26	01/21/26	LYZ
Tetrachloroethene	ND		ug/L	0.5	0.1	1	393079	01/21/26	01/21/26	LYZ
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	393079	01/21/26	01/21/26	LYZ
Surrogates				**Limits**						
Dibromofluoromethane	103%		%REC	70-130		1	393079	01/21/26	01/21/26	LYZ
1,2-Dichloroethane-d4	114%		%REC	70-130		1	393079	01/21/26	01/21/26	LYZ
Toluene-d8	95%		%REC	70-130		1	393079	01/21/26	01/21/26	LYZ
Bromofluorobenzene	99%		%REC	70-130		1	393079	01/21/26	01/21/26	LYZ

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

ENTHALPY ANALYTICAL

Analysis Results for 551124

Sample ID: QCTB	Lab ID: 551124-006	Collected: 01/19/26
	Matrix: Water	

551124-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.1	1	393079	01/21/26	01/21/26	LYZ
Chloromethane	ND		ug/L	1.0	0.2	1	393079	01/21/26	01/21/26	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.1	1	393079	01/21/26	01/21/26	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.08	1	393079	01/21/26	01/21/26	LYZ
Methylene Chloride	**0.3**	J	ug/L	10	0.2	1	393079	01/21/26	01/21/26	LYZ
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	393079	01/21/26	01/21/26	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.09	1	393079	01/21/26	01/21/26	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	393079	01/21/26	01/21/26	LYZ
Benzene	ND		ug/L	0.5	0.1	1	393079	01/21/26	01/21/26	LYZ
Trichloroethene	ND		ug/L	0.5	0.1	1	393079	01/21/26	01/21/26	LYZ
Tetrachloroethene	ND		ug/L	0.5	0.1	1	393079	01/21/26	01/21/26	LYZ
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	393079	01/21/26	01/21/26	LYZ
Surrogates				**Limits**						
Dibromofluoromethane	102%		%REC	70-130		1	393079	01/21/26	01/21/26	LYZ
1,2-Dichloroethane-d4	111%		%REC	70-130		1	393079	01/21/26	01/21/26	LYZ
Toluene-d8	95%		%REC	70-130		1	393079	01/21/26	01/21/26	LYZ
Bromofluorobenzene	96%		%REC	70-130		1	393079	01/21/26	01/21/26	LYZ

J Estimated value
ND Not Detected

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

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1332494	Batch: 393028
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1332494 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.072	01/20/26 13:07	01/20/26 14:41
Chloride	ND		mg/L	1.0	0.27	01/20/26 13:07	01/20/26 14:41
Bromide	ND		mg/L	0.30	0.060	01/20/26 13:07	01/20/26 14:41
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	01/20/26 13:07	01/20/26 14:41
Sulfate	ND		mg/L	1.0	0.25	01/20/26 13:07	01/20/26 14:41

Type: Lab Control Sample	Lab ID: QC1332495	Batch: 393028
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1332495 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.878	10.00	mg/L	99%		90-110
Chloride	46.69	50.00	mg/L	93%		90-110
Bromide	14.62	15.00	mg/L	97%		90-110
Nitrogen, Nitrate	4.359	4.518	mg/L	96%		90-110
Sulfate	24.43	25.00	mg/L	98%		90-110

Type: Matrix Spike	Lab ID: QC1332496	Batch: 393028
Matrix (Source ID): Water (551131-001)	Method: EPA 300.0	Prep Method: METHOD

QC1332496 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	23.21	0.8402	20.00	mg/L	112%		80-129	1
Chloride	477.2	440.5	100.0	mg/L	37%	E,NM	80-123	1
Bromide	16.83	0.8913	15.00	mg/L	106%		80-121	1
Nitrogen, Nitrate	27.96	19.15	9.036	mg/L	98%	E	80-123	1
Sulfate	116.1	63.81	50.00	mg/L	105%	E	79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1332497	Batch: 393028
Matrix (Source ID): Water (551131-001)	Method: EPA 300.0	Prep Method: METHOD

QC1332497 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	20.83	0.8402	20.00	mg/L	100%		80-129	11	21	1
Chloride	471.5	440.5	100.0	mg/L	31%	E,NM	80-123		20	1
Bromide	15.27	0.8913	15.00	mg/L	96%		80-121	10	20	1
Nitrogen, Nitrate	27.14	19.15	9.036	mg/L	88%	E	80-123		20	1
Sulfate	110.1	63.81	50.00	mg/L	92%	E	79-124		20	1

Type: Blank	Lab ID: QC1335238	Batch: 393823
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1335238 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.068	01/28/26	01/29/26

ENTHALPY ANALYTICAL

Batch QC

Type:	Lab Control Sample	Lab ID:	QC1335239	Batch:	393823
Matrix:	Water	Method:	EPA 350.1	Prep Method:	METHOD

QC1335239 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.025	1.000	mg/L	103%		90-110

Type:	Matrix Spike	Lab ID:	QC1335243	Batch:	393823
Matrix (Source ID):	Water (551124-001)	Method:	EPA 350.1	Prep Method:	METHOD

QC1335243 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.032	ND	1.000	mg/L	103%		90-110	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1335244	Batch:	393823
Matrix (Source ID):	Water (551124-001)	Method:	EPA 350.1	Prep Method:	METHOD

QC1335244 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9073	ND	1.000	mg/L	91%		90-110	13	20	1

Type:	Matrix Spike	Lab ID:	QC1335245	Batch:	393823
Matrix (Source ID):	Water (551124-002)	Method:	EPA 350.1	Prep Method:	METHOD

QC1335245 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.003	ND	1.000	mg/L	100%		90-110	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1335246	Batch:	393823
Matrix (Source ID):	Water (551124-002)	Method:	EPA 350.1	Prep Method:	METHOD

QC1335246 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.021	ND	1.000	mg/L	102%		90-110	2	20	1

Type:	Blank	Lab ID:	QC1333241	Batch:	393241
Matrix:	Water	Method:	EPA 410.4	Prep Method:	EPA 410.4

QC1333241 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	01/22/26	01/22/26

Type:	Lab Control Sample	Lab ID:	QC1333242	Batch:	393241
Matrix:	Water	Method:	EPA 410.4	Prep Method:	EPA 410.4

QC1333242 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	97.00	100.0	mg/L	97%		90-110

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1333243	Batch:	393241
Matrix (Source ID):	Water (550965-001)	Method:	EPA 410.4	Prep Method:	EPA 410.4

QC1333243 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	110.0	23.00	100.0	mg/L	87%		75-125	2

Type:	Matrix Spike Duplicate	Lab ID:	QC1333244	Batch:	393241
Matrix (Source ID):	Water (550965-001)	Method:	EPA 410.4	Prep Method:	EPA 410.4

QC1333244 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	108.0	23.00	100.0	mg/L	85%		75-125	2	20	2

Type:	Matrix Spike	Lab ID:	QC1333245	Batch:	393241
Matrix (Source ID):	Water (551124-001)	Method:	EPA 410.4	Prep Method:	EPA 410.4

QC1333245 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	92.00	ND	100.0	mg/L	92%		75-125	2

Type:	Matrix Spike Duplicate	Lab ID:	QC1333246	Batch:	393241
Matrix (Source ID):	Water (551124-001)	Method:	EPA 410.4	Prep Method:	EPA 410.4

QC1333246 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	90.00	ND	100.0	mg/L	90%		75-125	2	20	2

Type:	Blank	Lab ID:	QC1332520	Batch:	393036
Matrix:	Water	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1332520 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0090	01/20/26	01/20/26
Calcium	0.030	J	mg/L	0.10	0.0095	01/20/26	01/20/26
Iron	0.024	J	mg/L	0.050	0.017	01/20/26	01/20/26
Magnesium	ND		mg/L	0.10	0.017	01/20/26	01/20/26
Manganese	ND		mg/L	0.010	0.00075	01/20/26	01/20/26
Potassium	ND		mg/L	0.50	0.20	01/20/26	01/20/26
Sodium	ND		mg/L	0.50	0.017	01/20/26	01/20/26

ENTHALPY ANALYTICAL

Batch QC

Type:	Lab Control Sample	Lab ID:	QC1332521	Batch:	393036
Matrix:	Water	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1332521 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3663	0.4000	mg/L	92%		80-120
Calcium	19.15	20.40	mg/L	94%		80-120
Iron	0.3859	0.4000	mg/L	96%		80-120
Magnesium	19.38	20.40	mg/L	95%		80-120
Manganese	0.3803	0.4000	mg/L	95%		80-120
Potassium	21.66	24.00	mg/L	90%		80-120
Sodium	18.30	20.40	mg/L	90%		80-120

Type:	Matrix Spike	Lab ID:	QC1332522	Batch:	393036
Matrix (Source ID):	Water (551183-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1332522 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	79.27	76.03	4.000	mg/L	81%	NM	75-125	10
Calcium	6,276	6120	204.0	mg/L	76%	NM	75-125	10
Iron	774.3	775.7	4.000	mg/L	-37%	E,NM	75-125	10
Magnesium	891.2	711.4	204.0	mg/L	88%		75-125	10
Manganese	40.03	36.63	4.000	mg/L	85%	NM	75-125	10
Potassium	1,685	1464	240.0	mg/L	92%	NM	75-125	10
Sodium	4,560	4412	204.0	mg/L	73%	NM	75-125	10

Type:	Matrix Spike Duplicate	Lab ID:	QC1332523	Batch:	393036
Matrix (Source ID):	Water (551183-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1332523 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	79.17	76.03	4.000	mg/L	79%	NM	75-125	0	20	10
Calcium	6,248	6120	204.0	mg/L	63%	NM	75-125	0	20	10
Iron	774.8	775.7	4.000	mg/L	-22%	E,NM	75-125		22	10
Magnesium	889.4	711.4	204.0	mg/L	87%		75-125	0	20	10
Manganese	40.01	36.63	4.000	mg/L	84%	NM	75-125	0	20	10
Potassium	1,677	1464	240.0	mg/L	89%	NM	75-125	0	20	10
Sodium	4,548	4412	204.0	mg/L	67%	NM	75-125	0	20	10

ENTHALPY ANALYTICAL

Batch QC

Type:	**Serial Dilution**	**Lab ID:**	**QC1332565**	**Batch:**	**393036**
Matrix (Source ID):	**Water (551183-001)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1332565 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	76.95	76.03	mg/L				50
Calcium	6,443	6120	mg/L				50
Iron	834.0	775.7	mg/L				50
Magnesium	744.6	711.4	mg/L				50
Manganese	38.01	36.63	mg/L				50
Potassium	1,415	1464	mg/L				50
Sodium	4,491	4412	mg/L				50

Type:	**Lab Control Sample**	**Lab ID:**	**QC1332634**	**Batch:**	**393079**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1332634 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	49.01	50.00	ug/L	98%		69-128
MTBE	53.78	50.00	ug/L	108%		66-125
Benzene	52.31	50.00	ug/L	105%		76-121
Trichloroethene	46.04	50.00	ug/L	92%		76-124
Toluene	47.68	50.00	ug/L	95%		76-120
Chlorobenzene	47.89	50.00	ug/L	96%		78-120
Surrogates						
Dibromofluoromethane	51.70	50.00	ug/L	103%		70-130
1,2-Dichloroethane-d4	57.24	50.00	ug/L	114%		70-130
Toluene-d8	47.73	50.00	ug/L	95%		70-130
Bromofluorobenzene	48.80	50.00	ug/L	98%		70-130

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1332635**	**Batch:**	**393079**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1332635 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	46.99	50.00	ug/L	94%		69-128	4	23
MTBE	52.13	50.00	ug/L	104%		66-125	3	22
Benzene	50.65	50.00	ug/L	101%		76-121	3	21
Trichloroethene	45.96	50.00	ug/L	92%		76-124	0	22
Toluene	47.34	50.00	ug/L	95%		76-120	1	21
Chlorobenzene	47.76	50.00	ug/L	96%		78-120	0	20
Surrogates								
Dibromofluoromethane	51.89	50.00	ug/L	104%		70-130		
1,2-Dichloroethane-d4	53.60	50.00	ug/L	107%		70-130		
Toluene-d8	49.88	50.00	ug/L	100%		70-130		
Bromofluorobenzene	49.10	50.00	ug/L	98%		70-130		

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1332636	Batch:	393079
Matrix (Source ID):	Water (551124-001)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1332636 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	19.69	ND	20.00	ug/L	98%		62-131	1
MTBE	22.57	ND	20.00	ug/L	113%		61-124	1
Benzene	21.55	ND	20.00	ug/L	108%		70-123	1
Trichloroethene	19.51	ND	20.00	ug/L	98%		65-131	1
Toluene	19.84	ND	20.00	ug/L	99%		69-120	1
Chlorobenzene	20.19	ND	20.00	ug/L	101%		72-121	1
Surrogates								
Dibromofluoromethane	50.71		50.00	ug/L	101%		70-130	1
1,2-Dichloroethane-d4	57.29		50.00	ug/L	115%		70-130	1
Toluene-d8	46.88		50.00	ug/L	94%		70-130	1
Bromofluorobenzene	49.49		50.00	ug/L	99%		70-130	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1332637	Batch:	393079
Matrix (Source ID):	Water (551124-001)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1332637 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	19.80	ND	20.00	ug/L	99%		62-131	1	31	1
MTBE	22.39	ND	20.00	ug/L	112%		61-124	1	30	1
Benzene	21.94	ND	20.00	ug/L	110%		70-123	2	31	1
Trichloroethene	20.66	ND	20.00	ug/L	103%		65-131	6	31	1
Toluene	20.48	ND	20.00	ug/L	102%		69-120	3	29	1
Chlorobenzene	21.17	ND	20.00	ug/L	106%		72-121	5	29	1
Surrogates										
Dibromofluoromethane	51.00		50.00	ug/L	102%		70-130			1
1,2-Dichloroethane-d4	55.38		50.00	ug/L	111%		70-130			1
Toluene-d8	47.85		50.00	ug/L	96%		70-130			1
Bromofluorobenzene	48.88		50.00	ug/L	98%		70-130			1

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1332639	Batch: 393079
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1332639 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/L	1.0	0.1	01/20/26	01/20/26
Chloromethane	ND		ug/L	1.0	0.2	01/20/26	01/20/26
Vinyl Chloride	ND		ug/L	0.5	0.1	01/20/26	01/20/26
1,1-Dichloroethene	ND		ug/L	0.5	0.08	01/20/26	01/20/26
Methylene Chloride	ND		ug/L	10	0.2	01/20/26	01/20/26
1,1-Dichloroethane	ND		ug/L	0.5	0.1	01/20/26	01/20/26
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.09	01/20/26	01/20/26
1,2-Dichloroethane	ND		ug/L	0.5	0.1	01/20/26	01/20/26
Benzene	ND		ug/L	0.5	0.1	01/20/26	01/20/26
Trichloroethene	ND		ug/L	0.5	0.1	01/20/26	01/20/26
Tetrachloroethene	ND		ug/L	0.5	0.1	01/20/26	01/20/26
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	01/20/26	01/20/26
Surrogates				**Limits**			
Dibromofluoromethane	102%		%REC	70-130		01/20/26	01/20/26
1,2-Dichloroethane-d4	110%		%REC	70-130		01/20/26	01/20/26
Toluene-d8	96%		%REC	70-130		01/20/26	01/20/26
Bromofluorobenzene	100%		%REC	70-130		01/20/26	01/20/26

Type: Blank	Lab ID: QC1333855	Batch: 393419
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1333855 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.87	01/23/26	01/26/26
Surrogates				**Limits**			
1,4-Dioxane-d8 (SUR)	98%		%REC	80-120		01/23/26	01/26/26

Type: Lab Control Sample	Lab ID: QC1333856	Batch: 393419
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1333856 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	10.93	10.00	ug/L	109%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	9.911	10.00	ug/L	99%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1333857	Batch: 393419
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1333857 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	10.10	10.00	ug/L	101%		79-120	8	20
Surrogates								
1,4-Dioxane-d8 (SUR)	9.851	10.00	ug/L	99%		80-120		

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1332591	Batch: 393059
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1332591 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		01/20/26	01/20/26

Type: Lab Control Sample	Lab ID: QC1332592	Batch: 393059
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1332592 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1332641	Batch: 393059
Matrix (Source ID): Water (551103-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1332641 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: QC1332642	Batch: 393059
Matrix (Source ID): Water (551103-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1332642 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	0	20	1

Type: Blank	Lab ID: QC1333432	Batch: 393301
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1333432 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.49	01/22/26	01/22/26

Type: Lab Control Sample	Lab ID: QC1333433	Batch: 393301
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1333433 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	23.41	25.00	mg/L	94%		85-115

Type: Matrix Spike	Lab ID: QC1333434	Batch: 393301
Matrix (Source ID): Water (551124-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1333434 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	27.93	0.8952	25.00	mg/L	108%		75-125	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1333435	Batch:	393301
Matrix (Source ID):	Water (551124-001)	Method:	SM 5310B	Prep Method:	SM 5310B

QC1333435 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	26.01	0.8952	25.00	mg/L	100%		75-125	7	25	1

Type:	Blank	Lab ID:	QC1333415	Batch:	393295
Matrix:	Water	Method:	SM2320B	Prep Method:	METHOD

QC1333415 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO3	ND		mg/L	2.0		01/27/26	01/27/26
Alkalinity, Total as CaCO3	ND		mg/L	2.0		01/27/26	01/27/26

Type:	Lab Control Sample	Lab ID:	QC1333416	Batch:	393295
Matrix:	Water	Method:	SM2320B	Prep Method:	METHOD

QC1333416 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO3	95.26	100.0	mg/L	95%		90-110

Type:	Sample Duplicate	Lab ID:	QC1333417	Batch:	393295
Matrix (Source ID):	Water (551124-001)	Method:	SM2320B	Prep Method:	METHOD

QC1333417 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO3	141.0	143.4	mg/L		2	20	2.5
Alkalinity, Total as CaCO3	141.0	143.4	mg/L		2	20	2.5

Type:	Blank	Lab ID:	QC1332566	Batch:	393048
Matrix:	Water	Method:	SM2540C	Prep Method:	METHOD

QC1332566 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		01/20/26	01/22/26

Type:	Lab Control Sample	Lab ID:	QC1332567	Batch:	393048
Matrix:	Water	Method:	SM2540C	Prep Method:	METHOD

QC1332567 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,010	1000	mg/L	101%		90-110

Type:	Sample Duplicate	Lab ID:	QC1332569	Batch:	393048
Matrix (Source ID):	Water (551068-002)	Method:	SM2540C	Prep Method:	METHOD

QC1332569 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	23,360	23300	mg/L		0	5	20

Batch QC

Type:	**Sample Duplicate**	**Lab ID:**	**QC1332572**	**Batch:**	**393048**
Matrix (Source ID):	**Water (551139-004)**	**Method:**	**SM2540C**	**Prep Method:**	**METHOD**

QC1332572 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	6,360	6370	mg/L		0	5	10

E Response exceeds instrument's linear range
J Estimated value
ND Not Detected
NM Not Meaningful

Laboratory Job Number 551124

Subcontracted Products

McCampbell Analytical, Inc.

McCampbell Analytical, Inc.
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Analytical Report

WorkOrder: 2601A68

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: David Tripp
Project P.O.: 079649
Project: EO-551124

Project Location:
Project Received: 01/20/2026

Analytical Report reviewed & approved for release on 01/27/2026 by:

Yen Cao

Yen Cao
Project Manager

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2601A68

Project: EO-551124

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.

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2601A68

Project: EO-551124

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.
TPH-Diesel	Sample results for semi-volatile TPH (diesel, kerosene, oil, etc) were calculated using a background subtraction procedure to correct for instrument baseline rise (column bleed) as described in Sec 7.7.2.2 of EPA 8015 B, C.
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)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2601A68
Date Received:	01/20/2026 10:33	**Extraction Method:**	RSK175
Date Prepared:	01/21/2026	**Analytical Method:**	RSK175
Project:	EO-551124	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
DW-17	2601A68-001A	Water	01/19/2026 09:11	GC26 0121261007.D	334106

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**540**	50	50	1	01/21/2026 13:59

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
DW-9	2601A68-002A	Water	01/19/2026 10:44	GC26 0121261008.D	334106

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**990**	50	50	1	01/21/2026 14:32

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
DW-15	2601A68-003A	Water	01/19/2026 10:56	GC26 0121261009.D	334106

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**11,000**	500	500	10	01/21/2026 15:16

Analyst(s): CLO

(Cont.)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2601A68
Date Received:	01/20/2026 10:33	**Extraction Method:**	RSK175
Date Prepared:	01/21/2026	**Analytical Method:**	RSK175
Project:	EO-551124	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
DW-30	**2601A68-004A**	**Water**	**01/19/2026 12:54**	**GC26 0121261010.D**	**334106**

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**3000**	200	200	4	01/21/2026 15:50

Analyst(s): CLO

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Quality Control Report

Client:	Enthalpy Analytical	**WorkOrder:**	2601A68
Date Prepared:	01/21/2026	**BatchID:**	334106
Date Analyzed:	01/21/2026	**Extraction Method:**	RSK175
Instrument:	GC26	**Analytical Method:**	RSK175
Matrix:	Water	**Unit:**	µg/L
Project:	EO-551124	**Sample ID:**	MB/LCS/LCSD-334106

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	180	150	187.2	94	82	70-130	12.6	30

McCampbell Analytical, Inc.
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Pittsburg, CA 94565-1701
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CHAIN-OF-CUSTODY RECORD

WorkOrder: 2601A68 **ClientCode: ENO** **QuoteID: 262776**

☐ WaterTrax ☐ CLIP ☐ EDF ☑ EQuIS ☑ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

☑ Detection Summary ☑ **Excel** [A1_Standard _QC]

Report to:
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657-581-4710 FAX:

Email: david.tripp@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 079649
Project: EO-551124

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: **01/20/2026**
Date Logged: **01/20/2026**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2601A68-001	DW-17	Water	1/19/2026 09:11	☐	A	A										
2601A68-002	DW-9	Water	1/19/2026 10:44	☐	A	A										
2601A68-003	DW-15	Water	1/19/2026 10:56	☐	A	A										
2601A68-004	DW-30	Water	1/19/2026 12:54	☐	A	A										

Test Legend:

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

Project Manager: Jena Alfaro

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.

McCampbell 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
Client Contact: David Tripp
Contact's Email: david.tripp@enthalpy.com

Project: EO-551124
Comments:

Work Order: 2601A68
QC Level: LEVEL 2
Date Logged: 1/20/2026

☐ 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)	1	VOA, Unpres	☐	☐	☐	1/19/2026 9:11	5 days	1/27/2026	None	☐	☐
002A	DW-9	Water	RSK175 (CO2)	1	VOA, Unpres	☐	☐	☐	1/19/2026 10:44	5 days	1/27/2026	None	☐	☐
003A	DW-15	Water	RSK175 (CO2)	1	VOA, Unpres	☐	☐	☐	1/19/2026 10:56	5 days	1/27/2026	Present	☐	☐
004A	DW-30	Water	RSK175 (CO2)	1	VOA, Unpres	☐	☐	☐	1/19/2026 12:54	5 days	1/27/2026	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.**

Cont./Comp. = Containers /Composites

2601A48

ENTHALPY ANALYTICAL
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: 252619
PO #: PO-079649

Enthalpy Order: EO-551124
PM: David Tripp
Email: david.tripp@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: 657-581-4710

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

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-17	19-JAN-2026 09:11	551124-001	2	Water	RSK-175 CO2	
DW-9	19-JAN-2026 10:44	551124-002	2	Water	RSK-175 CO2	
DW-15	19-JAN-2026 10:56	551124-003	2	Water	RSK-175 CO2	
DW-30	19-JAN-2026 12:54	551124-004	2	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	Jim	GLS
	Date: 1.19.26 3pm	Date: 1.19.26 3pm
	GLS	
	Date: 1.20.26	Date: 1/20/26 1033
	Date:	Date:

0.3 cinet IRA

1 of 1

650-563-9798 42

McCampbell 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

Sample Receipt Checklist

Client Name:	Enthalpy Analytical	Date and Time Received:	1/20/2026 10:33
Project:	EO-551124	Date Logged:	1/20/2026
		Received by:	Agustina Venegas
WorkOrder №:	2601A68 Matrix: Water	Logged by:	Agustina Venegas
Carrier:	Golden State Overnight		

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Sample IDs noted by Client on COC?	Yes ☑	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐	
Sampler's name noted on COC?	Yes ☐	No ☑	
COC agrees with Quote?	Yes ☑	No ☐	NA ☐
COC quote is active?	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 : 551157
Report Level : II
Report Date : 01/30/2026

Analytical Report *prepared for:*

Dylan Smith
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - CCLF Groundwater - Quarterly MPARS

Authorized for release by:

David Tripp, Project Manager
657-581-4710
david.tripp@enthalpy.com

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

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

ENTHALPY ANALYTICAL

Sample Summary

Dylan Smith
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #:	551157
Project No:	GW MONITORING
Location:	CCLF Groundwater - Quarterly MPARS
Date Received:	01/20/26

Sample ID	Lab ID	Collected	Matrix
DW-29	551157-001	01/20/26 08:22	Water
DW-31	551157-002	01/20/26 09:15	Water
DW-1	551157-003	01/20/26 10:14	Water
DW-16	551157-004	01/20/26 11:10	Water
DW-3	551157-005	01/20/26 12:06	Water
QCFB	551157-006	01/20/26 08:24	Water
QCTB	551157-007	01/20/26 00:00	Water

Case Narrative

Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384 Dylan Smith	Lab Job Number: 551157 Project No: GW MONITORING Location: CCLF Groundwater - Quarterly MPARS Date Received: 01/20/26

This data package contains sample and QC results for seven water samples, requested for the above referenced project on 01/21/26. The samples were received in good condition.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):
No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):
No analytical problems were encountered.

Metals (EPA 6010B):

- Sodium was detected between the MDL and the RL in the method blank for batch 393187; 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):

- High RPD was observed for total dissolved solids in the SDUP for batch 393427; the parent sample was not a project sample.
- No other 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

Chain of Custody Record

Lab No: 551157

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

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

Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

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

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: 2.6/3.0 3.5/3.9 IR15 TC.1 (lab use only)

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

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.	VOCs (EPA 8260B)	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO3	Ammonia-N, Nitrate-N	COD, Cl, SO4, TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide
1	DW-29	1/20/26	822	GW	13	var.	X	X	X	X	X	X	X	X	X
2	DW-31		915				X	X	X	X	X	X	X	X	X
3	DW-1		1014				X	X	X	X	X	X	X	X	X
4	DW-16		1110				X	X	X	X	X	X	X	X	X
5	DW-3		1206				X	X	X	X	X	X	X	X	X
6	QCFB		824	FB	3		X								
7	QCTB	—	—	TB	2		X								
8															
9															
10															

Login 551157

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Paul Chang	CEI	1/20/26 13:30
[1] Received By:		Alice F	EA/NIT	1/20/26 13:30
[2] Relinquished By:		Alice	EA/NIT	1-21-26 9:00
[2] Received By:		GEMA	EANT	1-21-26 9:00
[3] Relinquished By:		GEMA	EANT	1-21-26 12:12
[3] Received By:		Nicole Mendoza	EA	1-21-26 12:12

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 1/20/26 WO# 551157 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: Waki

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 1/20/26 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: 17/16.4 #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 ☐ **PM notified**

Sample #1 DW-29 has only two unpreserved VOA: AXT

Date Logged 1/20/26 By (print) AXT (sign) [signature]

Date Labeled ____ By (print) ____ (sign) ____

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 1/21/26 WO# 551157 Client: WASTECONNECTIONS

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 1/21/26 By (initials) GXO Type of ice used: ■ Wet ☐ Blue/Gel ☐ None

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

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

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR 15 CF: +0.4

Cooler Temp (°C) #1: 2.6 / 3.0 #2: 3.5 / 3.9 #3: ____ / ____ #4: ____ / ____ #5: ____ / ____ #6: ____ / ____

Section 3b: Microbiology Samples ■ **No microbiology samples submitted (skip 3b)**

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

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ■ **No air samples submitted (skip 3c)**

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

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)			X
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	~~A~~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	~~X~~ ① MLM 1-21-26
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

Section 5: Explanations / Comments

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

4.10~~A~~: Nitrate is received w/ 1/2 holding time remaining

☐ **No additional discrepancies**

Date Logged 1/20/26 **By (print)** AXT **(sign)** NA

Date Labeled 1/20/26 **By (print)** AXT **(sign)** NA

ENTHALPY ANALYTICAL

Analysis Results for 551157

Dylan Smith
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 551157
Project No: GW MONITORING
Location: CCLF Groundwater - Quarterly MPARS
Date Received: 01/20/26

Sample ID: DW-29 **Lab ID: 551157-001** **Collected: 01/20/26 08:22**
Matrix: Water

551157-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.37**		mg/L	0.20	0.073	1	393152	01/21/26 14:22	01/21/26 15:36	SSN
Chloride	**98**		mg/L	1.0	0.27	1	393152	01/21/26 14:22	01/21/26 15:36	SSN
Bromide	**0.34**		mg/L	0.30	0.060	1	393152	01/21/26 14:22	01/21/26 15:36	SSN
Nitrogen, Nitrate	**2.1**		mg/L	0.10	0.05	1	393152	01/21/26 14:22	01/21/26 15:36	SSN
Sulfate	**420**		mg/L	10	1.8	10	393152	01/21/26 14:22	01/21/26 15:54	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.068	1	393823	01/28/26	01/29/26	CKN
Method: EPA 410.4 Prep Method: EPA 410.4										
Chemical Oxygen Demand	**16**		mg/L	4.0	2.0	1	393241	01/22/26	01/22/26	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.37**		mg/L	0.050	0.0090	1	393187	01/21/26	01/21/26	DXC
Calcium	**73**		mg/L	0.10	0.0095	1	393187	01/21/26	01/21/26	DXC
Iron	**0.037**	J	mg/L	0.050	0.017	1	393187	01/21/26	01/21/26	DXC
Magnesium	**10**		mg/L	0.10	0.017	1	393187	01/21/26	01/21/26	DXC
Manganese	**0.13**		mg/L	0.010	0.00075	1	393187	01/21/26	01/21/26	DXC
Potassium	**1.5**		mg/L	0.50	0.20	1	393187	01/21/26	01/21/26	DXC
Sodium	**230**		mg/L	0.50	0.017	1	393187	01/21/26	01/21/26	DXC
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.1	1	393200	01/21/26	01/21/26	ZST
Chloromethane	ND		ug/L	1.0	0.2	1	393200	01/21/26	01/21/26	ZST
Vinyl Chloride	ND		ug/L	0.5	0.1	1	393200	01/21/26	01/21/26	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.08	1	393200	01/21/26	01/21/26	ZST
Methylene Chloride	ND		ug/L	10	0.2	1	393200	01/21/26	01/21/26	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	393200	01/21/26	01/21/26	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.09	1	393200	01/21/26	01/21/26	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	393200	01/21/26	01/21/26	ZST
Benzene	ND		ug/L	0.5	0.1	1	393200	01/21/26	01/21/26	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	393200	01/21/26	01/21/26	ZST
Tetrachloroethene	ND		ug/L	0.5	0.1	1	393200	01/21/26	01/21/26	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	393200	01/21/26	01/21/26	ZST
Surrogates				**Limits**						
Dibromofluoromethane	106%		%REC	70-130		1	393200	01/21/26	01/21/26	ZST
1,2-Dichloroethane-d4	115%		%REC	70-130		1	393200	01/21/26	01/21/26	ZST
Toluene-d8	95%		%REC	70-130		1	393200	01/21/26	01/21/26	ZST
Bromofluorobenzene	97%		%REC	70-130		1	393200	01/21/26	01/21/26	ZST

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

ENTHALPY ANALYTICAL

Analysis Results for 551157

551157-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	393612	01/27/26	01/28/26	MSS
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	98%		%REC	80-120		1	393612	01/27/26	01/28/26	MSS
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	393338	01/22/26	01/22/26	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**7.6**		mg/L	1.0	0.49	1	393301	01/22/26	01/22/26	BDR
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**320**		mg/L	5.0		2.5	393948	01/30/26	01/30/26	ARM
Alkalinity, Total as CaCO3	**320**		mg/L	5.0		2.5	393948	01/30/26	01/30/26	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**1,000**		mg/L	20		2	393427	01/23/26	01/26/26	CDR

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

ENTHALPY ANALYTICAL

Analysis Results for 551157

Sample ID: DW-31	Lab ID: 551157-002	Collected: 01/20/26 09:15
	Matrix: Water	

551157-002 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	393152	01/21/26 14:22	01/21/26 16:47	SSN
Chloride	**84**		mg/L	1.0	0.27	1	393152	01/21/26 14:22	01/21/26 16:47	SSN
Bromide	**0.45**		mg/L	0.30	0.060	1	393152	01/21/26 14:22	01/21/26 16:47	SSN
Nitrogen, Nitrate	**0.65**		mg/L	0.10	0.05	1	393152	01/21/26 14:22	01/21/26 16:47	SSN
Sulfate	**400**		mg/L	10	1.8	10	393152	01/21/26 14:22	01/21/26 17:05	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.068	1	393823	01/28/26	01/29/26	CKN
Method: EPA 410.4 Prep Method: EPA 410.4										
Chemical Oxygen Demand	**23**		mg/L	4.0	2.0	1	393241	01/22/26	01/22/26	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.51**		mg/L	0.050	0.0090	1	393187	01/21/26	01/21/26	DXC
Calcium	**170**		mg/L	0.10	0.0095	1	393187	01/21/26	01/21/26	DXC
Iron	ND		mg/L	0.050	0.017	1	393187	01/21/26	01/21/26	DXC
Magnesium	**31**		mg/L	0.10	0.017	1	393187	01/21/26	01/21/26	DXC
Manganese	**0.18**		mg/L	0.010	0.00075	1	393187	01/21/26	01/21/26	DXC
Potassium	**1.5**		mg/L	0.50	0.20	1	393187	01/21/26	01/21/26	DXC
Sodium	**120**		mg/L	0.50	0.017	1	393187	01/21/26	01/21/26	DXC
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.1	1	393200	01/21/26	01/21/26	ZST
Chloromethane	ND		ug/L	1.0	0.2	1	393200	01/21/26	01/21/26	ZST
Vinyl Chloride	ND		ug/L	0.5	0.1	1	393200	01/21/26	01/21/26	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.08	1	393200	01/21/26	01/21/26	ZST
Methylene Chloride	ND		ug/L	10	0.2	1	393200	01/21/26	01/21/26	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	393200	01/21/26	01/21/26	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.09	1	393200	01/21/26	01/21/26	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	393200	01/21/26	01/21/26	ZST
Benzene	ND		ug/L	0.5	0.1	1	393200	01/21/26	01/21/26	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	393200	01/21/26	01/21/26	ZST
Tetrachloroethene	ND		ug/L	0.5	0.1	1	393200	01/21/26	01/21/26	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	393200	01/21/26	01/21/26	ZST
Surrogates				**Limits**						
Dibromofluoromethane	101%		%REC	70-130		1	393200	01/21/26	01/21/26	ZST
1,2-Dichloroethane-d4	108%		%REC	70-130		1	393200	01/21/26	01/21/26	ZST
Toluene-d8	96%		%REC	70-130		1	393200	01/21/26	01/21/26	ZST
Bromofluorobenzene	99%		%REC	70-130		1	393200	01/21/26	01/21/26	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	**4.1**		ug/L	1.0	0.87	1	393612	01/27/26	01/28/26	MSS
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	98%		%REC	80-120		1	393612	01/27/26	01/28/26	MSS

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

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Analysis Results for 551157

551157-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	393476	01/24/26	01/24/26	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**9.3**		mg/L	1.0	0.49	1	393301	01/22/26	01/22/26	BDR
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**500**		mg/L	5.0		2.5	393948	01/30/26	01/30/26	ARM
Alkalinity, Total as CaCO3	**500**		mg/L	5.0		2.5	393948	01/30/26	01/30/26	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**1,000**		mg/L	20		2	393427	01/23/26	01/26/26	CDR

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

ENTHALPY ANALYTICAL

Analysis Results for 551157

Sample ID: DW-1	Lab ID: 551157-003	Collected: 01/20/26 10:14
	Matrix: Water	

551157-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.77**		mg/L	0.20	0.073	1	393152	01/21/26 14:22	01/21/26 19:10	SSN
Chloride	**120**		mg/L	1.0	0.27	1	393152	01/21/26 14:22	01/21/26 19:10	SSN
Bromide	**0.31**		mg/L	0.30	0.060	1	393152	01/21/26 14:22	01/21/26 19:10	SSN
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	393152	01/21/26 14:22	01/21/26 19:10	SSN
Sulfate	**410**		mg/L	10	1.8	10	393152	01/21/26 14:22	01/21/26 19:28	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.068	1	393823	01/28/26	01/29/26	CKN
Method: EPA 410.4 Prep Method: EPA 410.4										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	393241	01/22/26	01/22/26	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.23**		mg/L	0.050	0.0090	1	393187	01/21/26	01/21/26	DXC
Calcium	**61**		mg/L	0.10	0.0095	1	393187	01/21/26	01/21/26	DXC
Iron	ND		mg/L	0.050	0.017	1	393187	01/21/26	01/21/26	DXC
Magnesium	**12**		mg/L	0.10	0.017	1	393187	01/21/26	01/21/26	DXC
Manganese	**0.051**		mg/L	0.010	0.00075	1	393187	01/21/26	01/21/26	DXC
Potassium	**2.6**		mg/L	0.50	0.20	1	393187	01/21/26	01/21/26	DXC
Sodium	**230**		mg/L	0.50	0.017	1	393187	01/21/26	01/21/26	DXC
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.1	1	393200	01/21/26	01/21/26	ZST
Chloromethane	ND		ug/L	1.0	0.2	1	393200	01/21/26	01/21/26	ZST
Vinyl Chloride	ND		ug/L	0.5	0.1	1	393200	01/21/26	01/21/26	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.08	1	393200	01/21/26	01/21/26	ZST
Methylene Chloride	ND		ug/L	10	0.2	1	393200	01/21/26	01/21/26	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	393200	01/21/26	01/21/26	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.09	1	393200	01/21/26	01/21/26	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	393200	01/21/26	01/21/26	ZST
Benzene	ND		ug/L	0.5	0.1	1	393200	01/21/26	01/21/26	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	393200	01/21/26	01/21/26	ZST
Tetrachloroethene	**0.2**	J	ug/L	0.5	0.1	1	393200	01/21/26	01/21/26	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	393200	01/21/26	01/21/26	ZST
Surrogates				**Limits**						
Dibromofluoromethane	102%		%REC	70-130		1	393200	01/21/26	01/21/26	ZST
1,2-Dichloroethane-d4	110%		%REC	70-130		1	393200	01/21/26	01/21/26	ZST
Toluene-d8	96%		%REC	70-130		1	393200	01/21/26	01/21/26	ZST
Bromofluorobenzene	99%		%REC	70-130		1	393200	01/21/26	01/21/26	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	393612	01/27/26	01/28/26	MSS
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	97%		%REC	80-120		1	393612	01/27/26	01/28/26	MSS

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

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Analysis Results for 551157

551157-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	393338	01/22/26	01/22/26	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**1.1**		mg/L	1.0	0.49	1	393301	01/22/26	01/22/26	BDR
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**210**		mg/L	5.0		2.5	393948	01/30/26	01/30/26	ARM
Alkalinity, Total as CaCO3	**210**		mg/L	5.0		2.5	393948	01/30/26	01/30/26	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**920**		mg/L	20		2	393427	01/23/26	01/26/26	CDR

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

ENTHALPY ANALYTICAL

Analysis Results for 551157

Sample ID: DW-16	Lab ID: 551157-004	Collected: 01/20/26 11:10
	Matrix: Water	

551157-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.46**		mg/L	0.20	0.073	1	393152	01/21/26 14:22	01/21/26 20:57	SSN
Chloride	**100**		mg/L	1.0	0.27	1	393152	01/21/26 14:22	01/21/26 20:57	SSN
Bromide	**0.22**	J	mg/L	0.30	0.060	1	393152	01/21/26 14:22	01/21/26 20:57	SSN
Nitrogen, Nitrate	**2.1**		mg/L	0.10	0.05	1	393152	01/21/26 14:22	01/21/26 20:57	SSN
Sulfate	**230**		mg/L	10	1.8	10	393152	01/21/26 14:22	01/21/26 21:15	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.068	1	393823	01/28/26	01/29/26	CKN
Method: EPA 410.4 Prep Method: EPA 410.4										
Chemical Oxygen Demand	**3.0**	J	mg/L	4.0	2.0	1	393241	01/22/26	01/22/26	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.15**		mg/L	0.050	0.0090	1	393187	01/21/26	01/21/26	DXC
Calcium	**9.0**		mg/L	0.10	0.0095	1	393187	01/21/26	01/21/26	DXC
Iron	ND		mg/L	0.050	0.017	1	393187	01/21/26	01/21/26	DXC
Magnesium	**2.9**		mg/L	0.10	0.017	1	393187	01/21/26	01/21/26	DXC
Manganese	**0.0020**	J	mg/L	0.010	0.00075	1	393187	01/21/26	01/21/26	DXC
Potassium	**1.2**		mg/L	0.50	0.20	1	393187	01/21/26	01/21/26	DXC
Sodium	**250**		mg/L	0.50	0.017	1	393187	01/21/26	01/21/26	DXC
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	**0.2**	J	ug/L	1.0	0.1	1	393200	01/21/26	01/21/26	ZST
Chloromethane	ND		ug/L	1.0	0.2	1	393200	01/21/26	01/21/26	ZST
Vinyl Chloride	ND		ug/L	0.5	0.1	1	393200	01/21/26	01/21/26	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.08	1	393200	01/21/26	01/21/26	ZST
Methylene Chloride	**1.2**	J	ug/L	10	0.2	1	393200	01/21/26	01/21/26	ZST
1,1-Dichloroethane	**1.3**		ug/L	0.5	0.1	1	393200	01/21/26	01/21/26	ZST
cis-1,2-Dichloroethene	**2.0**		ug/L	0.5	0.09	1	393200	01/21/26	01/21/26	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	393200	01/21/26	01/21/26	ZST
Benzene	**0.3**	J	ug/L	0.5	0.1	1	393200	01/21/26	01/21/26	ZST
Trichloroethene	**0.5**		ug/L	0.5	0.1	1	393200	01/21/26	01/21/26	ZST
Tetrachloroethene	**0.3**	J	ug/L	0.5	0.1	1	393200	01/21/26	01/21/26	ZST
1,4-Dichlorobenzene	**1.0**		ug/L	0.5	0.2	1	393200	01/21/26	01/21/26	ZST
Surrogates				**Limits**						
Dibromofluoromethane	102%		%REC	70-130		1	393200	01/21/26	01/21/26	ZST
1,2-Dichloroethane-d4	112%		%REC	70-130		1	393200	01/21/26	01/21/26	ZST
Toluene-d8	95%		%REC	70-130		1	393200	01/21/26	01/21/26	ZST
Bromofluorobenzene	96%		%REC	70-130		1	393200	01/21/26	01/21/26	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	393612	01/27/26	01/28/26	MSS
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	98%		%REC	80-120		1	393612	01/27/26	01/28/26	MSS

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

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Analysis Results for 551157

551157-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	393338	01/22/26	01/22/26	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**1.8**		mg/L	1.0	0.49	1	393301	01/22/26	01/22/26	BDR
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**330**		mg/L	5.0		2.5	393948	01/30/26	01/30/26	ARM
Alkalinity, Total as CaCO3	**330**		mg/L	5.0		2.5	393948	01/30/26	01/30/26	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**790**		mg/L	20		2	393427	01/23/26	01/26/26	CDR

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

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Analysis Results for 551157

Sample ID: DW-3	Lab ID: 551157-005	Collected: 01/20/26 12:06
	Matrix: Water	

551157-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.58**		mg/L	0.20	0.073	1	393152	01/21/26 14:22	01/22/26 01:33	SSN
Chloride	**67**		mg/L	1.0	0.27	1	393152	01/21/26 14:22	01/22/26 01:33	SSN
Bromide	**0.26**	J	mg/L	0.30	0.060	1	393152	01/21/26 14:22	01/22/26 01:33	SSN
Nitrogen, Nitrate	**6.0**		mg/L	0.10	0.05	1	393152	01/21/26 14:22	01/22/26 01:33	SSN
Sulfate	**120**		mg/L	10	1.8	10	393152	01/21/26 14:22	01/22/26 02:26	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.068	1	393823	01/28/26	01/29/26	CKN
Method: EPA 410.4 Prep Method: EPA 410.4										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	393241	01/22/26	01/22/26	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.33**		mg/L	0.050	0.0090	1	393187	01/21/26	01/21/26	DXC
Calcium	**44**		mg/L	0.10	0.0095	1	393187	01/21/26	01/21/26	DXC
Iron	ND		mg/L	0.050	0.017	1	393187	01/21/26	01/21/26	DXC
Magnesium	**5.6**		mg/L	0.10	0.017	1	393187	01/21/26	01/21/26	DXC
Manganese	**0.0025**	J	mg/L	0.010	0.00075	1	393187	01/21/26	01/21/26	DXC
Potassium	**1.7**		mg/L	0.50	0.20	1	393187	01/21/26	01/21/26	DXC
Sodium	**130**		mg/L	0.50	0.017	1	393187	01/21/26	01/21/26	DXC
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	**5.3**		ug/L	1.0	0.1	1	393200	01/22/26	01/22/26	ZST
Chloromethane	ND		ug/L	1.0	0.2	1	393200	01/22/26	01/22/26	ZST
Vinyl Chloride	ND		ug/L	0.5	0.1	1	393200	01/22/26	01/22/26	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.08	1	393200	01/22/26	01/22/26	ZST
Methylene Chloride	ND		ug/L	10	0.2	1	393200	01/22/26	01/22/26	ZST
1,1-Dichloroethane	**0.4**	J	ug/L	0.5	0.1	1	393200	01/22/26	01/22/26	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.09	1	393200	01/22/26	01/22/26	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	393200	01/22/26	01/22/26	ZST
Benzene	ND		ug/L	0.5	0.1	1	393200	01/22/26	01/22/26	ZST
Trichloroethene	**0.2**	J	ug/L	0.5	0.1	1	393200	01/22/26	01/22/26	ZST
Tetrachloroethene	**1.7**		ug/L	0.5	0.1	1	393200	01/22/26	01/22/26	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	393200	01/22/26	01/22/26	ZST
Surrogates				**Limits**						
Dibromofluoromethane	103%		%REC	70-130		1	393200	01/22/26	01/22/26	ZST
1,2-Dichloroethane-d4	111%		%REC	70-130		1	393200	01/22/26	01/22/26	ZST
Toluene-d8	95%		%REC	70-130		1	393200	01/22/26	01/22/26	ZST
Bromofluorobenzene	97%		%REC	70-130		1	393200	01/22/26	01/22/26	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	393612	01/27/26	01/28/26	MSS
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	393612	01/27/26	01/28/26	MSS

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

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Analysis Results for 551157

551157-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	393338	01/22/26	01/22/26	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**2.7**		mg/L	1.0	0.49	1	393301	01/22/26	01/22/26	BDR
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**260**		mg/L	5.0		2.5	393948	01/30/26	01/30/26	ARM
Alkalinity, Total as CaCO3	**260**		mg/L	5.0		2.5	393948	01/30/26	01/30/26	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**530**		mg/L	20		2	393427	01/23/26	01/26/26	CDR

Sample ID: QCFB **Lab ID: 551157-006** **Collected: 01/20/26 08:24**
Matrix: Water

551157-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.1	1	393200	01/22/26	01/22/26	ZST
Chloromethane	ND		ug/L	1.0	0.2	1	393200	01/22/26	01/22/26	ZST
Vinyl Chloride	ND		ug/L	0.5	0.1	1	393200	01/22/26	01/22/26	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.08	1	393200	01/22/26	01/22/26	ZST
Methylene Chloride	**0.3**	J	ug/L	10	0.2	1	393200	01/22/26	01/22/26	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	393200	01/22/26	01/22/26	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.09	1	393200	01/22/26	01/22/26	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	393200	01/22/26	01/22/26	ZST
Benzene	ND		ug/L	0.5	0.1	1	393200	01/22/26	01/22/26	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	393200	01/22/26	01/22/26	ZST
Tetrachloroethene	ND		ug/L	0.5	0.1	1	393200	01/22/26	01/22/26	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	393200	01/22/26	01/22/26	ZST
Surrogates				**Limits**						
Dibromofluoromethane	104%		%REC	70-130		1	393200	01/22/26	01/22/26	ZST
1,2-Dichloroethane-d4	114%		%REC	70-130		1	393200	01/22/26	01/22/26	ZST
Toluene-d8	93%		%REC	70-130		1	393200	01/22/26	01/22/26	ZST
Bromofluorobenzene	97%		%REC	70-130		1	393200	01/22/26	01/22/26	ZST

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

ENTHALPY ANALYTICAL

Analysis Results for 551157

Sample ID: QCTB	Lab ID: 551157-007	Collected: 01/20/26
	Matrix: Water	

551157-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.1	1	393200	01/22/26	01/22/26	ZST
Chloromethane	ND		ug/L	1.0	0.2	1	393200	01/22/26	01/22/26	ZST
Vinyl Chloride	ND		ug/L	0.5	0.1	1	393200	01/22/26	01/22/26	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.08	1	393200	01/22/26	01/22/26	ZST
Methylene Chloride	**0.4**	J	ug/L	10	0.2	1	393200	01/22/26	01/22/26	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	393200	01/22/26	01/22/26	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.09	1	393200	01/22/26	01/22/26	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	393200	01/22/26	01/22/26	ZST
Benzene	ND		ug/L	0.5	0.1	1	393200	01/22/26	01/22/26	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	393200	01/22/26	01/22/26	ZST
Tetrachloroethene	ND		ug/L	0.5	0.1	1	393200	01/22/26	01/22/26	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	393200	01/22/26	01/22/26	ZST
Surrogates				**Limits**						
Dibromofluoromethane	106%		%REC	70-130		1	393200	01/22/26	01/22/26	ZST
1,2-Dichloroethane-d4	114%		%REC	70-130		1	393200	01/22/26	01/22/26	ZST
Toluene-d8	95%		%REC	70-130		1	393200	01/22/26	01/22/26	ZST
Bromofluorobenzene	98%		%REC	70-130		1	393200	01/22/26	01/22/26	ZST

J Estimated value
ND Not Detected

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

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1332918**	**Batch:**	**393152**
Matrix:	**Water**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1332918 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	01/21/26 14:22	01/21/26 15:00
Chloride	ND		mg/L	1.0	0.27	01/21/26 14:22	01/21/26 15:00
Bromide	ND		mg/L	0.30	0.060	01/21/26 14:22	01/21/26 15:00
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	01/21/26 14:22	01/21/26 15:00
Sulfate	ND		mg/L	1.0	0.18	01/21/26 14:22	01/21/26 15:00

Type:	**Lab Control Sample**	**Lab ID:**	**QC1332919**	**Batch:**	**393152**
Matrix:	**Water**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1332919 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	10.82	10.00	mg/L	108%		90-110
Chloride	51.07	50.00	mg/L	102%		90-110
Bromide	15.55	15.00	mg/L	104%		90-110
Nitrogen, Nitrate	4.695	4.518	mg/L	104%		90-110
Sulfate	26.94	25.00	mg/L	108%		90-110

Type:	**Matrix Spike**	**Lab ID:**	**QC1332921**	**Batch:**	**393152**
Matrix (Source ID):	**Water (551266-003)**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1332921 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	22.17	0.1348	20.00	mg/L	110%		80-129	1
Chloride	122.5	10.88	100.0	mg/L	112%		80-123	1
Bromide	16.11	0.07434	15.00	mg/L	107%		80-121	1
Nitrogen, Nitrate	9.809	0.07395	9.036	mg/L	108%		80-123	1
Sulfate	83.22	30.05	50.00	mg/L	106%		79-124	1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1332922**	**Batch:**	**393152**
Matrix (Source ID):	**Water (551266-003)**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1332922 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	22.28	0.1348	20.00	mg/L	111%		80-129	0	21	1
Chloride	123.1	10.88	100.0	mg/L	112%		80-123	0	20	1
Bromide	16.19	0.07434	15.00	mg/L	107%		80-121	0	20	1
Nitrogen, Nitrate	9.848	0.07395	9.036	mg/L	108%		80-123	0	20	1
Sulfate	83.37	30.05	50.00	mg/L	107%		79-124	0	20	1

Type:	**Blank**	**Lab ID:**	**QC1335238**	**Batch:**	**393823**
Matrix:	**Water**	**Method:**	**EPA 350.1**	**Prep Method:**	**METHOD**

QC1335238 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.068	01/28/26	01/29/26

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	Lab ID: QC1335239	Batch: 393823
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1335239 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.025	1.000	mg/L	103%		90-110

Type: Matrix Spike	Lab ID: QC1335243	Batch: 393823
Matrix (Source ID): Water (551124-001)	Method: EPA 350.1	Prep Method: METHOD

QC1335243 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.032	ND	1.000	mg/L	103%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1335244	Batch: 393823
Matrix (Source ID): Water (551124-001)	Method: EPA 350.1	Prep Method: METHOD

QC1335244 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9073	ND	1.000	mg/L	91%		90-110	13	20	1

Type: Matrix Spike	Lab ID: QC1335245	Batch: 393823
Matrix (Source ID): Water (551124-002)	Method: EPA 350.1	Prep Method: METHOD

QC1335245 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.003	ND	1.000	mg/L	100%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1335246	Batch: 393823
Matrix (Source ID): Water (551124-002)	Method: EPA 350.1	Prep Method: METHOD

QC1335246 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.021	ND	1.000	mg/L	102%		90-110	2	20	1

Type: Blank	Lab ID: QC1333241	Batch: 393241
Matrix: Water	Method: EPA 410.4	Prep Method: EPA 410.4

QC1333241 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	01/22/26	01/22/26

Type: Lab Control Sample	Lab ID: QC1333242	Batch: 393241
Matrix: Water	Method: EPA 410.4	Prep Method: EPA 410.4

QC1333242 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	97.00	100.0	mg/L	97%		90-110

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1333243	Batch:	393241
Matrix (Source ID):	Water (550965-001)	Method:	EPA 410.4	Prep Method:	EPA 410.4

QC1333243 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	110.0	23.00	100.0	mg/L	87%		75-125	2

Type:	Matrix Spike Duplicate	Lab ID:	QC1333244	Batch:	393241
Matrix (Source ID):	Water (550965-001)	Method:	EPA 410.4	Prep Method:	EPA 410.4

QC1333244 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	108.0	23.00	100.0	mg/L	85%		75-125	2	20	2

Type:	Matrix Spike	Lab ID:	QC1333245	Batch:	393241
Matrix (Source ID):	Water (551124-001)	Method:	EPA 410.4	Prep Method:	EPA 410.4

QC1333245 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	92.00	ND	100.0	mg/L	92%		75-125	2

Type:	Matrix Spike Duplicate	Lab ID:	QC1333246	Batch:	393241
Matrix (Source ID):	Water (551124-001)	Method:	EPA 410.4	Prep Method:	EPA 410.4

QC1333246 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	90.00	ND	100.0	mg/L	90%		75-125	2	20	2

Type:	Blank	Lab ID:	QC1333051	Batch:	393187
Matrix:	Water	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1333051 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0090	01/21/26	01/21/26
Calcium	ND		mg/L	0.10	0.0095	01/21/26	01/21/26
Iron	ND		mg/L	0.020	0.017	01/21/26	01/21/26
Magnesium	ND		mg/L	0.10	0.017	01/21/26	01/21/26
Manganese	ND		mg/L	0.010	0.00075	01/21/26	01/21/26
Potassium	ND		mg/L	0.50	0.20	01/21/26	01/21/26
Sodium	0.026	J	mg/L	0.50	0.017	01/21/26	01/21/26

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1333052	Batch:	393187
Matrix (Source ID):	Water (551157-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1333052 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.7445	0.3703	0.4000	mg/L	94%		75-125	1
Calcium	90.72	72.73	20.40	mg/L	88%		75-125	1
Iron	0.4116	0.03673	0.4000	mg/L	94%		75-125	1
Magnesium	28.88	9.999	20.40	mg/L	93%		75-125	1
Manganese	0.5303	0.1336	0.4000	mg/L	99%		75-125	1
Potassium	23.71	1.523	24.00	mg/L	92%		75-125	1
Sodium	244.2	228.9	20.40	mg/L	75%	NM	75-125	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1333053	Batch:	393187
Matrix (Source ID):	Water (551157-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1333053 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.7365	0.3703	0.4000	mg/L	92%		75-125	1	20	1
Calcium	90.34	72.73	20.40	mg/L	86%		75-125	0	20	1
Iron	0.4064	0.03673	0.4000	mg/L	92%		75-125	1	22	1
Magnesium	28.45	9.999	20.40	mg/L	90%		75-125	2	20	1
Manganese	0.5304	0.1336	0.4000	mg/L	99%		75-125	0	20	1
Potassium	23.19	1.523	24.00	mg/L	90%		75-125	2	20	1
Sodium	243.8	228.9	20.40	mg/L	73%	NM	75-125	0	20	1

Type:	Lab Control Sample	Lab ID:	QC1333054	Batch:	393187
Matrix:	Water	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1333054 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3633	0.4000	mg/L	91%		80-120
Calcium	18.82	20.40	mg/L	92%		80-120
Iron	0.3793	0.4000	mg/L	95%		80-120
Magnesium	19.00	20.40	mg/L	93%		80-120
Manganese	0.3787	0.4000	mg/L	95%		80-120
Potassium	21.59	24.00	mg/L	90%		80-120
Sodium	18.43	20.40	mg/L	90%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	**Serial Dilution**	**Lab ID:**	**QC1333071**	**Batch:**	**393187**
Matrix (Source ID):	**Water (551157-001)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1333071 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	0.3649	0.3703	mg/L				5
Calcium	74.88	72.73	mg/L				5
Iron	ND	0.03673	mg/L				5
Magnesium	10.30	9.999	mg/L				5
Manganese	0.1340	0.1336	mg/L				5
Potassium	1.343	1.523	mg/L	J			5
Sodium	234.5	228.9	mg/L				5

Type:	**Lab Control Sample**	**Lab ID:**	**QC1333072**	**Batch:**	**393200**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1333072 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	43.83	50.00	ug/L	88%		69-128
MTBE	51.22	50.00	ug/L	102%		66-125
Benzene	48.25	50.00	ug/L	96%		76-121
Trichloroethene	42.24	50.00	ug/L	84%		76-124
Toluene	44.09	50.00	ug/L	88%		76-120
Chlorobenzene	44.41	50.00	ug/L	89%		78-120
Surrogates						
Dibromofluoromethane	51.65	50.00	ug/L	103%		70-130
1,2-Dichloroethane-d4	54.86	50.00	ug/L	110%		70-130
Toluene-d8	46.44	50.00	ug/L	93%		70-130
Bromofluorobenzene	48.57	50.00	ug/L	97%		70-130

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1333073**	**Batch:**	**393200**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1333073 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	54.05	50.00	ug/L	108%		69-128	21	23
MTBE	60.18	50.00	ug/L	120%		66-125	16	22
Benzene	59.30	50.00	ug/L	119%		76-121	21	21
Trichloroethene	46.20	50.00	ug/L	92%		76-124	9	22
Toluene	48.67	50.00	ug/L	97%		76-120	10	21
Chlorobenzene	48.79	50.00	ug/L	98%		78-120	9	20
Surrogates								
Dibromofluoromethane	57.99	50.00	ug/L	116%		70-130		
1,2-Dichloroethane-d4	61.40	50.00	ug/L	123%		70-130		
Toluene-d8	47.74	50.00	ug/L	95%		70-130		
Bromofluorobenzene	48.38	50.00	ug/L	97%		70-130		

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1333074	Batch:	393200
Matrix (Source ID):	Water (551157-001)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1333074 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	20.12	ND	20.00	ug/L	101%		62-131	1
MTBE	22.68	ND	20.00	ug/L	113%		61-124	1
Benzene	22.03	ND	20.00	ug/L	110%		70-123	1
Trichloroethene	19.02	ND	20.00	ug/L	95%		65-131	1
Toluene	19.44	ND	20.00	ug/L	97%		69-120	1
Chlorobenzene	19.41	ND	20.00	ug/L	97%		72-121	1
Surrogates								
Dibromofluoromethane	53.14		50.00	ug/L	106%		70-130	1
1,2-Dichloroethane-d4	59.29		50.00	ug/L	119%		70-130	1
Toluene-d8	46.09		50.00	ug/L	92%		70-130	1
Bromofluorobenzene	48.29		50.00	ug/L	97%		70-130	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1333075	Batch:	393200
Matrix (Source ID):	Water (551157-001)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1333075 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	18.76	ND	20.00	ug/L	94%		62-131	7	31	1
MTBE	21.29	ND	20.00	ug/L	106%		61-124	6	30	1
Benzene	20.52	ND	20.00	ug/L	103%		70-123	7	31	1
Trichloroethene	19.10	ND	20.00	ug/L	96%		65-131	0	31	1
Toluene	19.50	ND	20.00	ug/L	98%		69-120	0	29	1
Chlorobenzene	19.69	ND	20.00	ug/L	98%		72-121	1	29	1
Surrogates										
Dibromofluoromethane	51.27		50.00	ug/L	103%		70-130			1
1,2-Dichloroethane-d4	56.06		50.00	ug/L	112%		70-130			1
Toluene-d8	47.69		50.00	ug/L	95%		70-130			1
Bromofluorobenzene	49.81		50.00	ug/L	100%		70-130			1

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1333077	Batch: 393200
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1333077 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/L	1.0	0.1	01/21/26	01/21/26
Chloromethane	ND		ug/L	1.0	0.2	01/21/26	01/21/26
Vinyl Chloride	ND		ug/L	0.5	0.1	01/21/26	01/21/26
1,1-Dichloroethene	ND		ug/L	0.5	0.08	01/21/26	01/21/26
Methylene Chloride	ND		ug/L	10	0.2	01/21/26	01/21/26
1,1-Dichloroethane	ND		ug/L	0.5	0.1	01/21/26	01/21/26
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.09	01/21/26	01/21/26
1,2-Dichloroethane	ND		ug/L	0.5	0.1	01/21/26	01/21/26
Benzene	ND		ug/L	0.5	0.1	01/21/26	01/21/26
Trichloroethene	ND		ug/L	0.5	0.1	01/21/26	01/21/26
Tetrachloroethene	ND		ug/L	0.5	0.1	01/21/26	01/21/26
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	01/21/26	01/21/26
Surrogates				**Limits**			
Dibromofluoromethane	103%		%REC	70-130		01/21/26	01/21/26
1,2-Dichloroethane-d4	111%		%REC	70-130		01/21/26	01/21/26
Toluene-d8	94%		%REC	70-130		01/21/26	01/21/26
Bromofluorobenzene	98%		%REC	70-130		01/21/26	01/21/26

Type: Blank	Lab ID: QC1334550	Batch: 393612
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1334550 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.87	01/27/26	01/28/26
Surrogates				**Limits**			
1,4-Dioxane-d8 (SUR)	95%		%REC	80-120		01/27/26	01/28/26

Type: Lab Control Sample	Lab ID: QC1334551	Batch: 393612
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1334551 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	11.00	10.00	ug/L	110%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.15	10.00	ug/L	101%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1334552	Batch: 393612
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1334552 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	9.646	10.00	ug/L	96%		79-120	13	20
Surrogates								
1,4-Dioxane-d8 (SUR)	9.940	10.00	ug/L	99%		80-120		

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1334022	Batch: 393476
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1334022 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		01/24/26	01/24/26

Type: Lab Control Sample	Lab ID: QC1334023	Batch: 393476
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1334023 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1334102	Batch: 393476
Matrix (Source ID): Water (551157-002)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1334102 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: QC1334103	Batch: 393476
Matrix (Source ID): Water (551157-002)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1334103 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	0	20	1

Type: Blank	Lab ID: QC1333570	Batch: 393338
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1333570 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		01/22/26	01/22/26

Type: Lab Control Sample	Lab ID: QC1333571	Batch: 393338
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1333571 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1333572	Batch: 393338
Matrix (Source ID): Drinking Water (551376-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1333572 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	**Lab ID:**	QC1333573	**Batch:**	393338
Matrix (Source ID):	Drinking Water (551376-001)	**Method:**	SM 4500-S2-D	**Prep Method:**	METHOD

QC1333573 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	0	20	1

Type:	Blank	**Lab ID:**	QC1333432	**Batch:**	393301
Matrix:	Water	**Method:**	SM 5310B	**Prep Method:**	SM 5310B

QC1333432 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.49	01/22/26	01/22/26

Type:	Lab Control Sample	**Lab ID:**	QC1333433	**Batch:**	393301
Matrix:	Water	**Method:**	SM 5310B	**Prep Method:**	SM 5310B

QC1333433 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	23.41	25.00	mg/L	94%		85-115

Type:	Matrix Spike	**Lab ID:**	QC1333434	**Batch:**	393301
Matrix (Source ID):	Water (551124-001)	**Method:**	SM 5310B	**Prep Method:**	SM 5310B

QC1333434 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	27.93	0.8952	25.00	mg/L	108%		75-125	1

Type:	Matrix Spike Duplicate	**Lab ID:**	QC1333435	**Batch:**	393301
Matrix (Source ID):	Water (551124-001)	**Method:**	SM 5310B	**Prep Method:**	SM 5310B

QC1333435 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	26.01	0.8952	25.00	mg/L	100%		75-125	7	25	1

Type:	Blank	**Lab ID:**	QC1335675	**Batch:**	393948
Matrix:	Water	**Method:**	SM2320B	**Prep Method:**	METHOD

QC1335675 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO3	ND		mg/L	2.0		01/30/26	01/30/26
Alkalinity, Total as CaCO3	ND		mg/L	2.0		01/30/26	01/30/26

Type:	Lab Control Sample	**Lab ID:**	QC1335676	**Batch:**	393948
Matrix:	Water	**Method:**	SM2320B	**Prep Method:**	METHOD

QC1335676 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO3	99.15	100.0	mg/L	99%		90-110

ENTHALPY ANALYTICAL

Batch QC

Type:	Sample Duplicate	Lab ID:	QC1335677	Batch:	393948
Matrix (Source ID):	Water (551157-001)	Method:	SM2320B	Prep Method:	METHOD

QC1335677 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO3	315.3	324.9	mg/L		3	20	2.5
Alkalinity, Total as CaCO3	315.3	324.9	mg/L		3	20	2.5

Type:	Blank	Lab ID:	QC1333900	Batch:	393427
Matrix:	Water	Method:	SM2540C	Prep Method:	METHOD

QC1333900 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		01/23/26	01/26/26

Type:	Lab Control Sample	Lab ID:	QC1333901	Batch:	393427
Matrix:	Water	Method:	SM2540C	Prep Method:	METHOD

QC1333901 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	984.0	1000	mg/L	98%		90-110

Type:	Sample Duplicate	Lab ID:	QC1333903	Batch:	393427
Matrix (Source ID):	Drinking Water (551307-007)	Method:	SM2540C	Prep Method:	METHOD

QC1333903 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	112.0	94.00	mg/L		17*	5	2

Type:	Sample Duplicate	Lab ID:	QC1333904	Batch:	393427
Matrix (Source ID):	Drinking Water (551373-001)	Method:	SM2540C	Prep Method:	METHOD

QC1333904 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	162.0	156.0	mg/L		4	5	2

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

Laboratory Job Number 551157

Subcontracted Products

McCampbell Analytical, Inc.

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2601B62

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: David Tripp
Project P.O.: 079649
Project: EO-551157

Project Location:
Project Received: 01/21/2026

Analytical Report reviewed & approved for release on 01/28/2026 by:

Jena Alfaro
Project Manager

McCampbell 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.

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2601B62
Project: EO-551157

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.

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2601B62

Project: EO-551157

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.
TPH-Diesel	Sample results for semi-volatile TPH (diesel, kerosene, oil, etc) were calculated using a background subtraction procedure to correct for instrument baseline rise (column bleed) as described in Sec 7.7.2.2 of EPA 8015 B, C.
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)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2601B62
Date Received:	01/21/2026 10:21	**Extraction Method:**	RSK175
Date Prepared:	01/23/2026	**Analytical Method:**	RSK175
Project:	EO-551157	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
DW-29	2601B62-001A	Water	01/20/2026 08:22	GC26 0123260204.D	334387

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**11,000**	500	500	10	01/23/2026 15:39

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
DW-31	2601B62-002A	Water	01/20/2026 09:15	GC26 0123260205.D	334387

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**49,000**	2500	2500	50	01/23/2026 16:09

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
DW-1	2601B62-003A	Water	01/20/2026 10:14	GC26 0123260206.D	334387

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**3400**	500	500	10	01/23/2026 17:02

Analyst(s): CLO

(Cont.)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2601B62
Date Received:	01/21/2026 10:21	**Extraction Method:**	RSK175
Date Prepared:	01/23/2026	**Analytical Method:**	RSK175
Project:	EO-551157	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
DW-16	**2601B62-004A**	**Water**	**01/20/2026 11:10**	**GC26 0123260207.D**	**334387**

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**2700**	500	500	10	01/23/2026 17:19

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
DW-3	**2601B62-005A**	**Water**	**01/20/2026 12:06**	**GC26 0123260208.D**	**334387**

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**7300**	250	250	5	01/23/2026 17:45

Analyst(s): CLO

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Quality Control Report

Client:	Enthalpy Analytical	**WorkOrder:**	2601B62
Date Prepared:	01/23/2026	**BatchID:**	334387
Date Analyzed:	01/23/2026	**Extraction Method:**	RSK175
Instrument:	GC26	**Analytical Method:**	RSK175
Matrix:	Water	**Unit:**	µg/L
Project:	EO-551157	**Sample ID:**	MB/LCS/LCSD-334387

QC Summary Report for RSK175

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

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	170	170	187.2	90	92	70-130	2.29	30

McCampbell Analytical, Inc.
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Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2601B62 **ClientCode: ENO** **QuoteID: 262776**

☐ WaterTrax ☐ CLIP ☐ EDF ☑ EQuIS ☑ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

☑ Detection Summary ☑ **Excel** [A1_Standard _QC]

Report to:
David Tripp
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
657-581-4710 FAX:

Email: david.tripp@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 079649
Project: EO-551157

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: **01/21/2026**
Date Logged: **01/21/2026**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2601B62-001	DW-29	Water	1/20/2026 08:22	☐	A	A										
2601B62-002	DW-31	Water	1/20/2026 09:15	☐	A	A										
2601B62-003	DW-1	Water	1/20/2026 10:14	☐	A	A										
2601B62-004	DW-16	Water	1/20/2026 11:10	☐	A	A										
2601B62-005	DW-3	Water	1/20/2026 12:06	☐	A	A										

Test Legend:

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

Project Manager: Jena Alfaro

Prepared by: Chyna Thomas

Comments:

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

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WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL
Client Contact: David Tripp
Contact's Email: david.tripp@enthalpy.com

Project: EO-551157
Comments

Work Order: 2601B62
QC Level: LEVEL 2
Date Logged: 1/21/2026

☐ 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-29	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	1/20/2026 8:22	5 days	1/28/2026	None	☐	☐
002A	DW-31	Water	RSK175 (CO2)	1	VOA, Unpres	☐	☐	☐	1/20/2026 9:15	5 days	1/28/2026	None	☐	☐
003A	DW-1	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	1/20/2026 10:14	5 days	1/28/2026	None	☐	☐
004A	DW-16	Water	RSK175 (CO2)	1	VOA, Unpres	☐	☐	☐	1/20/2026 11:10	5 days	1/28/2026	None	☐	☐
005A	DW-3	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	1/20/2026 12:06	5 days	1/28/2026	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.**

Cont./Comp. = Containers /Composites

2601B62

ENTHALPY ANALYTICAL

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: ~~252619~~ 262776
PO #: PO-079649

Enthalpy Order: EO-551157
PM: David Tripp
Email: david.tripp@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: 657-581-4710

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

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-29	20-JAN-2026 08:22	551157-001	2	Water	RSK-175 CO2	
*DW-31	20-JAN-2026 09:15	551157-002	2	Water	RSK-175 CO2	
DW-1	20-JAN-2026 10:14	551157-003	2	Water	RSK-175 CO2	
*DW-16	20-JAN-2026 11:10	551157-004	2	Water	RSK-175 CO2	
DW-3	20-JAN-2026 12:06	551157-005	2	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	CLS	~~CLS~~ CW
	Date:	Date:
		Chymal
	Date:	Date: 1/21/26 1021
	Date:	Date:

GLS:563982007

* One vial for both samples were received broken. CW 1/21/26. 1.6 Wet IR46

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Sample Receipt Checklist

Client Name:	Enthalpy Analytical	Date and Time Received:	1/21/2026 10:21
Project:	EO-551157	Date Logged:	1/21/2026
		Received by:	Chyna Thomas
WorkOrder №:	2601B62 Matrix: Water	Logged by:	Chyna Thomas
Carrier:	Golden State Overnight		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐		
Chain of custody signed when relinquished and received?	Yes	☑	No	☐		
Chain of custody agrees with sample labels?	Yes	☑	No	☐		
Sample IDs noted by Client on COC?	Yes	☑	No	☐		
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐		
Sampler's name noted on COC?	Yes	☑	No	☐		
COC agrees with Quote?	Yes	☑	No	☐	NA	☐
COC quote is active?	Yes	☑	No	☐	NA	☐

Sample Receipt Information

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

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	NA	☐
Samples Received on Ice?	Yes	☑	No	☐		
(Ice Type: WET ICE)						
Sample/Temp Blank temperature	Temp: 1.6°C				NA	☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes	☑	No	☐	NA	☐
Sample labels checked for correct preservation?	Yes	☑	No	☐		
pH acceptable upon receipt (Metal: <2)?	Yes	☐	No	☐	NA	☑

UCMR Samples:

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

Comments:

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

enthalpy.com

Lab Job Number : 553528
Report Level : II
Report Date : 03/09/2026

Analytical Report *prepared for:*

Dylan Smith
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - CCLF Groundwater

Authorized for release by:

David Tripp, Project Manager
657-581-4710
david.tripp@enthalpy.com

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

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

ENTHALPY ANALYTICAL

Sample Summary

Dylan Smith Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384		Lab Job #: Project No: Location: Date Received:	553528 GW MONITORING CCLF Groundwater 02/18/26

Sample ID	Lab ID	Collected	Matrix
DW-29	553528-001	02/18/26 10:49	Water
DW-31	553528-002	02/18/26 11:45	Water
FP-01	553528-003	02/18/26 09:39	Water
QCFB	553528-004	02/18/26 10:51	Water
QCTB	553528-005	02/18/26 00:00	Water

Case Narrative

Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384 Dylan Smith	Lab Job Number: 553528 Project No: GW MONITORING Location: CCLF Groundwater Date Received: 02/18/26

This data package contains sample and QC results for five water samples, requested for the above referenced project on 02/19/26. The samples were received in good condition.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):
No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):
No analytical problems were encountered.

Metals (EPA 6010B):

- Low recoveries were observed for iron in the MS/MSD of DW-29 (lab # 553528-001); the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

Ion Chromatography (EPA 300.0):

- Responses exceeding the instrument's linear range were observed for sulfate in the MS/MSD for batch 395808; 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):

- High RPD was observed for total dissolved solids in the SDUP for batch 396291; the parent sample was not a project sample.
- No other 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

Chain of Custody Record

Lab No: 553528

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

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

Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

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

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

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

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.	VOCs (EPA 8260B)	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO3	Ammonia-N, Nitrate-N	COD, Cl, SO4, TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide
1	DW-29	2/18/26	1049	GW	13	var.	X	X	X	X	X	X	X	X	X
2	DW-31	↓	1145	↓	↓	↓	X	X	X	X	X	X	X	X	X
3	FP-01	↓	939	↓	↓	↓	X	X	X	X	X	X	X	X	X
4	QCFB	↓	1051	FB	3	↓	X								
5	QCTB	—	—	TB	2	↓	X								
6															
7															
8															
9															
10															

Login 553528

2.9 / 3.1 IR-10

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Paul Chang	CEI	2-18-26 1245
[1] Received By:		Jim Lin	SA·NH	2.18.26 12X5
[2] Relinquished By:		Jim Lin	SA·NH	2.19.26 9.26
[2] Received By:		GEMA O.	EANH	2-19-26 9:20
[3] Relinquished By:		~~EANH~~ GEMA O	EANH	2-19-26 1125
[3] Received By:		D. Sanchez	EA	2/19/26 1125

DLP D. Sanchez EA 2/19/26 1205 Rec: NM EA 2-19-26 12:05

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 2.18.26 WO# 553528 Client: WASTE CONNECTION

Section 2: Shipping / Custody **Are custody seals present? ☐ Yes ☒ No**

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

Shipping Info: Walk in or Pickup

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 2.18.26 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~~ -0.8

Cooler Temp (°C) #1: 7.8 / 7.0 #2: ____ / ____ #3: ____ / ____ #4: ____ / ____ #5: ____ / ____ #6: ____ / ____

Section 3b: Microbiology Samples ☒ **No microbiology samples submitted (skip 3b)**

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

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ☒ **No air samples submitted (skip 3c)**

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

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

Section 5: Explanations / Comments ☐ **PM notified**

Date Logged 2.18.26 By (print) JWL (sign) JWL

Date Labeled 2.18.26 By (print) JWL (sign) JWL

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 2/19/26 WO# 553528 Client: WASTECONNECTIONS

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 2/19/26 By (initials) DKS 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 10 CF: +0.2

Cooler Temp (°C) #1: 2.9 / 3.1 #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.)

4.10 A: Nitrates received w/ 1/2 holding time left

☐ **No additional discrepancies**

Date Logged 2/18/26 **By (print)** JWL **(sign)** NA

Date Labeled 2/19/26 **By (print)** GCK **(sign)** for GCK

ENTHALPY ANALYTICAL

Analysis Results for 553528

Dylan Smith
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 553528
Project No: GW MONITORING
Location: CCLF Groundwater
Date Received: 02/18/26

Sample ID: DW-29 **Lab ID: 553528-001** **Collected: 02/18/26 10:49**
Matrix: Water

553528-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.34**		mg/L	0.20	0.062	1	395808	02/19/26 12:30	02/19/26 22:58	KUM
Chloride	**94**		mg/L	1.0	0.27	1	395808	02/19/26 12:30	02/19/26 22:58	KUM
Bromide	**0.32**		mg/L	0.30	0.049	1	395808	02/19/26 12:30	02/19/26 22:58	KUM
Nitrogen, Nitrate	**2.0**		mg/L	0.10	0.05	1	395808	02/19/26 12:30	02/19/26 22:58	KUM
Sulfate	**370**		mg/L	10	2.6	10	395808	02/19/26 12:30	02/19/26 23:20	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	**0.13**		mg/L	0.10	0.068	1	396705	02/28/26	03/02/26	JAK
Method: EPA 410.4 Prep Method: EPA 410.4										
Chemical Oxygen Demand	**19**		mg/L	4.0	2.0	1	396013	02/21/26	02/21/26	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.37**		mg/L	0.050	0.0023	1	395922	02/20/26	02/22/26	SBW
Calcium	**75**		mg/L	0.10	0.022	1	395922	02/20/26	02/22/26	SBW
Iron	**0.43**		mg/L	0.050	0.017	1	395922	02/20/26	02/23/26	SBW
Magnesium	**10**		mg/L	0.10	0.010	1	395922	02/20/26	02/22/26	SBW
Manganese	**0.31**		mg/L	0.010	0.00078	1	395922	02/20/26	02/22/26	SBW
Potassium	**1.4**		mg/L	0.50	0.15	1	395922	02/20/26	02/22/26	SBW
Sodium	**230**		mg/L	0.50	0.017	1	395922	02/20/26	02/23/26	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.2	1	396057	02/22/26	02/22/26	LYZ
Chloromethane	ND		ug/L	1.0	0.09	1	396057	02/22/26	02/22/26	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.1	1	396057	02/22/26	02/22/26	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	396057	02/22/26	02/22/26	LYZ
Methylene Chloride	ND		ug/L	10	0.2	1	396057	02/22/26	02/22/26	LYZ
1,1-Dichloroethane	ND		ug/L	0.5	0.09	1	396057	02/22/26	02/22/26	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	396057	02/22/26	02/22/26	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	396057	02/22/26	02/22/26	LYZ
Benzene	ND		ug/L	0.5	0.1	1	396057	02/22/26	02/22/26	LYZ
Trichloroethene	ND		ug/L	0.5	0.1	1	396057	02/22/26	02/22/26	LYZ
Tetrachloroethene	ND		ug/L	0.5	0.2	1	396057	02/22/26	02/22/26	LYZ
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	396057	02/22/26	02/22/26	LYZ
Surrogates				**Limits**						
Dibromofluoromethane	98%		%REC	70-130		1	396057	02/22/26	02/22/26	LYZ
1,2-Dichloroethane-d4	104%		%REC	70-130		1	396057	02/22/26	02/22/26	LYZ
Toluene-d8	98%		%REC	70-130		1	396057	02/22/26	02/22/26	LYZ
Bromofluorobenzene	97%		%REC	70-130		1	396057	02/22/26	02/22/26	LYZ

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

ENTHALPY ANALYTICAL

Analysis Results for 553528

553528-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	396064	02/22/26	02/23/26	MSS
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	95%		%REC	80-120		1	396064	02/22/26	02/23/26	MSS
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	395997	02/20/26	02/20/26	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**7.1**		mg/L	1.0	0.49	1	396766	03/01/26	03/01/26	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**310**		mg/L	5.0		2.5	396315	02/24/26	02/24/26	WWC
Alkalinity, Total as CaCO3	**310**		mg/L	5.0		2.5	396315	02/24/26	02/24/26	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**1,000**		mg/L	20		2	396291	02/24/26	02/26/26	AAB

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

ENTHALPY ANALYTICAL

Analysis Results for 553528

Sample ID: DW-31	Lab ID: 553528-002	Collected: 02/18/26 11:45
	Matrix: Water	

553528-002 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	0.062	1	395808	02/19/26 12:30	02/19/26 23:42	KUM
Chloride	**78**		mg/L	1.0	0.27	1	395808	02/19/26 12:30	02/19/26 23:42	KUM
Bromide	**0.36**		mg/L	0.30	0.049	1	395808	02/19/26 12:30	02/19/26 23:42	KUM
Nitrogen, Nitrate	**1.6**		mg/L	0.10	0.05	1	395808	02/19/26 12:30	02/19/26 23:42	KUM
Sulfate	**290**		mg/L	10	2.6	10	395808	02/19/26 12:30	02/20/26 00:05	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	**0.70**		mg/L	0.10	0.068	1	396705	02/28/26	03/02/26	JAK
Method: EPA 410.4 Prep Method: EPA 410.4										
Chemical Oxygen Demand	**27**		mg/L	4.0	2.0	1	396013	02/21/26	02/21/26	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.50**		mg/L	0.050	0.0023	1	395922	02/20/26	02/22/26	SBW
Calcium	**170**		mg/L	0.10	0.022	1	395922	02/20/26	02/22/26	SBW
Iron	**0.018**	J	mg/L	0.050	0.017	1	395922	02/20/26	02/23/26	SBW
Magnesium	**32**		mg/L	0.10	0.010	1	395922	02/20/26	02/22/26	SBW
Manganese	**0.084**		mg/L	0.010	0.00078	1	395922	02/20/26	02/22/26	SBW
Potassium	**1.3**		mg/L	0.50	0.15	1	395922	02/20/26	02/22/26	SBW
Sodium	**110**		mg/L	0.50	0.017	1	395922	02/20/26	02/22/26	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.2	1	396057	02/22/26	02/22/26	LYZ
Chloromethane	ND		ug/L	1.0	0.09	1	396057	02/22/26	02/22/26	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.1	1	396057	02/22/26	02/22/26	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	396057	02/22/26	02/22/26	LYZ
Methylene Chloride	ND		ug/L	10	0.2	1	396057	02/22/26	02/22/26	LYZ
1,1-Dichloroethane	ND		ug/L	0.5	0.09	1	396057	02/22/26	02/22/26	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	396057	02/22/26	02/22/26	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	396057	02/22/26	02/22/26	LYZ
Benzene	ND		ug/L	0.5	0.1	1	396057	02/22/26	02/22/26	LYZ
Trichloroethene	ND		ug/L	0.5	0.1	1	396057	02/22/26	02/22/26	LYZ
Tetrachloroethene	ND		ug/L	0.5	0.2	1	396057	02/22/26	02/22/26	LYZ
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	396057	02/22/26	02/22/26	LYZ
Surrogates				**Limits**						
Dibromofluoromethane	98%		%REC	70-130		1	396057	02/22/26	02/22/26	LYZ
1,2-Dichloroethane-d4	103%		%REC	70-130		1	396057	02/22/26	02/22/26	LYZ
Toluene-d8	98%		%REC	70-130		1	396057	02/22/26	02/22/26	LYZ
Bromofluorobenzene	95%		%REC	70-130		1	396057	02/22/26	02/22/26	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	**5.5**		ug/L	1.0	0.87	1	396064	02/22/26	02/23/26	MSS
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	396064	02/22/26	02/23/26	MSS

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

ENTHALPY ANALYTICAL

Analysis Results for 553528

553528-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	395997	02/20/26	02/20/26	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**14**		mg/L	1.0	0.49	1	396766	03/01/26	03/01/26	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**460**		mg/L	5.0		2.5	396315	02/24/26	02/24/26	WWC
Alkalinity, Total as CaCO3	**460**		mg/L	5.0		2.5	396315	02/24/26	02/24/26	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**1,000**		mg/L	20		2	396291	02/24/26	02/26/26	AAB

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

ENTHALPY ANALYTICAL

Analysis Results for 553528

Sample ID: FP-01	Lab ID: 553528-003	Collected: 02/18/26 09:39
	Matrix: Water	

553528-003 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	0.062	1	395808	02/19/26 12:30	02/20/26 00:27	KUM
Chloride	**92**		mg/L	1.0	0.27	1	395808	02/19/26 12:30	02/20/26 00:27	KUM
Bromide	**0.42**		mg/L	0.30	0.049	1	395808	02/19/26 12:30	02/20/26 00:27	KUM
Nitrogen, Nitrate	**0.07**	J	mg/L	0.10	0.05	1	395808	02/19/26 12:30	02/20/26 00:27	KUM
Sulfate	**360**		mg/L	10	2.6	10	395808	02/19/26 12:30	02/20/26 00:50	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	**0.80**		mg/L	0.10	0.068	1	396705	02/28/26	03/02/26	JAK
Method: EPA 410.4 Prep Method: EPA 410.4										
Chemical Oxygen Demand	**29**		mg/L	4.0	2.0	1	396013	02/21/26	02/21/26	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.45**		mg/L	0.050	0.0023	1	395922	02/20/26	02/22/26	SBW
Calcium	**150**		mg/L	0.10	0.022	1	395922	02/20/26	02/22/26	SBW
Iron	**0.033**	J	mg/L	0.050	0.017	1	395922	02/20/26	02/23/26	SBW
Magnesium	**30**		mg/L	0.10	0.010	1	395922	02/20/26	02/22/26	SBW
Manganese	**0.43**		mg/L	0.010	0.00078	1	395922	02/20/26	02/22/26	SBW
Potassium	**1.7**		mg/L	0.50	0.15	1	395922	02/20/26	02/22/26	SBW
Sodium	**130**		mg/L	0.50	0.017	1	395922	02/20/26	02/22/26	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.2	1	396057	02/22/26	02/22/26	LYZ
Chloromethane	ND		ug/L	1.0	0.09	1	396057	02/22/26	02/22/26	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.1	1	396057	02/22/26	02/22/26	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	396057	02/22/26	02/22/26	LYZ
Methylene Chloride	ND		ug/L	10	0.2	1	396057	02/22/26	02/22/26	LYZ
1,1-Dichloroethane	ND		ug/L	0.5	0.09	1	396057	02/22/26	02/22/26	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	396057	02/22/26	02/22/26	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	396057	02/22/26	02/22/26	LYZ
Benzene	ND		ug/L	0.5	0.1	1	396057	02/22/26	02/22/26	LYZ
Trichloroethene	ND		ug/L	0.5	0.1	1	396057	02/22/26	02/22/26	LYZ
Tetrachloroethene	ND		ug/L	0.5	0.2	1	396057	02/22/26	02/22/26	LYZ
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	396057	02/22/26	02/22/26	LYZ
Surrogates				**Limits**						
Dibromofluoromethane	98%		%REC	70-130		1	396057	02/22/26	02/22/26	LYZ
1,2-Dichloroethane-d4	101%		%REC	70-130		1	396057	02/22/26	02/22/26	LYZ
Toluene-d8	97%		%REC	70-130		1	396057	02/22/26	02/22/26	LYZ
Bromofluorobenzene	96%		%REC	70-130		1	396057	02/22/26	02/22/26	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	**3.8**		ug/L	1.0	0.87	1	396064	02/22/26	02/23/26	MSS
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	98%		%REC	80-120		1	396064	02/22/26	02/23/26	MSS

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

ENTHALPY ANALYTICAL

Analysis Results for 553528

553528-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	395997	02/20/26	02/20/26	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**9.4**		mg/L	1.0	0.49	1	396821	03/02/26	03/02/26	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**370**		mg/L	5.0		2.5	396315	02/24/26	02/24/26	WWC
Alkalinity, Total as CaCO3	**370**		mg/L	5.0		2.5	396315	02/24/26	02/24/26	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**1,000**		mg/L	20		2	396291	02/24/26	02/26/26	AAB

Sample ID: QCFB **Lab ID: 553528-004** **Collected: 02/18/26 10:51**
Matrix: Water

553528-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.2	1	396057	02/22/26	02/22/26	LYZ
Chloromethane	ND		ug/L	1.0	0.09	1	396057	02/22/26	02/22/26	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.1	1	396057	02/22/26	02/22/26	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	396057	02/22/26	02/22/26	LYZ
Methylene Chloride	**0.6**	J	ug/L	10	0.2	1	396057	02/22/26	02/22/26	LYZ
1,1-Dichloroethane	ND		ug/L	0.5	0.09	1	396057	02/22/26	02/22/26	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	396057	02/22/26	02/22/26	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	396057	02/22/26	02/22/26	LYZ
Benzene	ND		ug/L	0.5	0.1	1	396057	02/22/26	02/22/26	LYZ
Trichloroethene	ND		ug/L	0.5	0.1	1	396057	02/22/26	02/22/26	LYZ
Tetrachloroethene	ND		ug/L	0.5	0.2	1	396057	02/22/26	02/22/26	LYZ
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	396057	02/22/26	02/22/26	LYZ
Surrogates				**Limits**						
Dibromofluoromethane	97%		%REC	70-130		1	396057	02/22/26	02/22/26	LYZ
1,2-Dichloroethane-d4	101%		%REC	70-130		1	396057	02/22/26	02/22/26	LYZ
Toluene-d8	97%		%REC	70-130		1	396057	02/22/26	02/22/26	LYZ
Bromofluorobenzene	95%		%REC	70-130		1	396057	02/22/26	02/22/26	LYZ

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

ENTHALPY ANALYTICAL

Analysis Results for 553528

Sample ID: QCTB	Lab ID: 553528-005	Collected: 02/18/26
	Matrix: Water	

553528-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.2	1	396057	02/22/26	02/22/26	LYZ
Chloromethane	ND		ug/L	1.0	0.09	1	396057	02/22/26	02/22/26	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.1	1	396057	02/22/26	02/22/26	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	396057	02/22/26	02/22/26	LYZ
Methylene Chloride	**0.4**	J	ug/L	10	0.2	1	396057	02/22/26	02/22/26	LYZ
1,1-Dichloroethane	ND		ug/L	0.5	0.09	1	396057	02/22/26	02/22/26	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	396057	02/22/26	02/22/26	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	396057	02/22/26	02/22/26	LYZ
Benzene	ND		ug/L	0.5	0.1	1	396057	02/22/26	02/22/26	LYZ
Trichloroethene	ND		ug/L	0.5	0.1	1	396057	02/22/26	02/22/26	LYZ
Tetrachloroethene	ND		ug/L	0.5	0.2	1	396057	02/22/26	02/22/26	LYZ
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	396057	02/22/26	02/22/26	LYZ
Surrogates				**Limits**						
Dibromofluoromethane	97%		%REC	70-130		1	396057	02/22/26	02/22/26	LYZ
1,2-Dichloroethane-d4	99%		%REC	70-130		1	396057	02/22/26	02/22/26	LYZ
Toluene-d8	97%		%REC	70-130		1	396057	02/22/26	02/22/26	LYZ
Bromofluorobenzene	95%		%REC	70-130		1	396057	02/22/26	02/22/26	LYZ

J Estimated value
ND Not Detected

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

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1342145	Batch: 395808
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1342145 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.062	02/19/26 12:30	02/19/26 12:54
Chloride	ND		mg/L	1.0	0.27	02/19/26 12:30	02/19/26 12:54
Bromide	ND		mg/L	0.30	0.049	02/19/26 12:30	02/19/26 12:54
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	02/19/26 12:30	02/19/26 12:54
Sulfate	ND		mg/L	1.0	0.26	02/19/26 12:30	02/19/26 12:54

Type: Lab Control Sample	Lab ID: QC1342146	Batch: 395808
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1342146 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.774	10.00	mg/L	98%		90-110
Chloride	47.60	50.00	mg/L	95%		90-110
Bromide	15.08	15.00	mg/L	101%		90-110
Nitrogen, Nitrate	4.564	4.518	mg/L	101%		90-110
Sulfate	25.11	25.00	mg/L	100%		90-110

Type: Matrix Spike	Lab ID: QC1342147	Batch: 395808
Matrix (Source ID): Water (553579-001)	Method: EPA 300.0	Prep Method: METHOD

QC1342147 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	20.45	0.1474	20.00	mg/L	102%		80-129	1
Chloride	128.3	24.74	100.0	mg/L	104%		80-123	1
Bromide	15.22	0.06306	15.00	mg/L	101%		80-121	1
Nitrogen, Nitrate	11.48	2.319	9.036	mg/L	101%		80-123	1
Sulfate	123.5	76.27	50.00	mg/L	94%	E	79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1342148	Batch: 395808
Matrix (Source ID): Water (553579-001)	Method: EPA 300.0	Prep Method: METHOD

QC1342148 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	20.14	0.1474	20.00	mg/L	100%		80-129	2	21	1
Chloride	126.8	24.74	100.0	mg/L	102%		80-123	1	20	1
Bromide	14.98	0.06306	15.00	mg/L	99%		80-121	2	20	1
Nitrogen, Nitrate	11.29	2.319	9.036	mg/L	99%		80-123	2	20	1
Sulfate	122.8	76.27	50.00	mg/L	93%	E	79-124		20	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1342149	Batch:	395808
Matrix (Source ID):	Water (553562-001)	Method:	EPA 300.0	Prep Method:	METHOD

QC1342149 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	20.32	ND	20.00	mg/L	102%		80-129	1
Chloride	102.4	1.317	100.0	mg/L	101%		80-123	1
Bromide	15.11	ND	15.00	mg/L	101%		80-121	1
Nitrogen, Nitrate	9.254	0.07200	9.036	mg/L	102%		80-123	1
Sulfate	53.48	3.197	50.00	mg/L	101%		79-124	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1342150	Batch:	395808
Matrix (Source ID):	Water (553562-001)	Method:	EPA 300.0	Prep Method:	METHOD

QC1342150 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	19.98	ND	20.00	mg/L	100%		80-129	2	21	1
Chloride	100.4	1.317	100.0	mg/L	99%		80-123	2	20	1
Bromide	14.83	ND	15.00	mg/L	99%		80-121	2	20	1
Nitrogen, Nitrate	9.089	0.07200	9.036	mg/L	100%		80-123	2	20	1
Sulfate	52.69	3.197	50.00	mg/L	99%		79-124	2	20	1

Type:	Blank	Lab ID:	QC1345343	Batch:	396705
Matrix:	Water	Method:	EPA 350.1	Prep Method:	METHOD

QC1345343 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.068	02/28/26	03/02/26

Type:	Lab Control Sample	Lab ID:	QC1345344	Batch:	396705
Matrix:	Water	Method:	EPA 350.1	Prep Method:	METHOD

QC1345344 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9176	1.000	mg/L	92%		90-110

Type:	Matrix Spike	Lab ID:	QC1345359	Batch:	396705
Matrix (Source ID):	Water (553313-001)	Method:	EPA 350.1	Prep Method:	SM 4500-NH3-G SD

QC1345359 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.154	0.2044	1.000	mg/L	95%		90-110	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1345360	Batch:	396705
Matrix (Source ID):	Water (553313-001)	Method:	EPA 350.1	Prep Method:	SM 4500-NH3-G SD

QC1345360 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.119	0.2044	1.000	mg/L	91%		90-110	3	20	1

Type:	Matrix Spike	Lab ID:	QC1345361	Batch:	396705
Matrix (Source ID):	Water (553313-002)	Method:	EPA 350.1	Prep Method:	SM 4500-NH3-G SD

QC1345361 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.140	0.2094	1.000	mg/L	93%		90-110	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1345362	Batch:	396705
Matrix (Source ID):	Water (553313-002)	Method:	EPA 350.1	Prep Method:	SM 4500-NH3-G SD

QC1345362 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.110	0.2094	1.000	mg/L	90%		90-110	3	20	1

Type:	Blank	Lab ID:	QC1342836	Batch:	396013
Matrix:	Water	Method:	EPA 410.4	Prep Method:	EPA 410.4

QC1342836 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	02/21/26	02/21/26

Type:	Lab Control Sample	Lab ID:	QC1342837	Batch:	396013
Matrix:	Water	Method:	EPA 410.4	Prep Method:	EPA 410.4

QC1342837 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	107.0	100.0	mg/L	107%		90-110

Type:	Matrix Spike	Lab ID:	QC1342838	Batch:	396013
Matrix (Source ID):	Water (553282-001)	Method:	EPA 410.4	Prep Method:	EPA 410.4

QC1342838 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	150.0	30.00	100.0	mg/L	120%		75-125	2

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1342839	Batch:	396013
Matrix (Source ID):	Water (553282-001)	Method:	EPA 410.4	Prep Method:	EPA 410.4

QC1342839 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	142.0	30.00	100.0	mg/L	112%		75-125	5	20	2

Type:	Matrix Spike	Lab ID:	QC1342840	Batch:	396013
Matrix (Source ID):	Water (553528-002)	Method:	EPA 410.4	Prep Method:	EPA 410.4

QC1342840 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	132.0	27.00	100.0	mg/L	105%		75-125	2

Type:	Matrix Spike Duplicate	Lab ID:	QC1342841	Batch:	396013
Matrix (Source ID):	Water (553528-002)	Method:	EPA 410.4	Prep Method:	EPA 410.4

QC1342841 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	132.0	27.00	100.0	mg/L	105%		75-125	0	20	2

Type:	Blank	Lab ID:	QC1342577	Batch:	395922
Matrix:	Water	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1342577 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0023	02/20/26	02/22/26
Calcium	ND		mg/L	0.10	0.022	02/20/26	02/22/26
Iron	ND		mg/L	0.020	0.017	02/20/26	02/23/26
Magnesium	ND		mg/L	0.10	0.010	02/20/26	02/22/26
Manganese	ND		mg/L	0.010	0.00078	02/20/26	02/22/26
Potassium	ND		mg/L	0.50	0.15	02/20/26	02/22/26
Sodium	ND		mg/L	0.50	0.017	02/20/26	02/22/26

Type:	Lab Control Sample	Lab ID:	QC1342578	Batch:	395922
Matrix:	Water	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1342578 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3682	0.4000	mg/L	92%		80-120
Calcium	19.78	20.40	mg/L	97%		80-120
Iron	0.3776	0.4000	mg/L	94%		80-120
Magnesium	19.51	20.40	mg/L	96%		80-120
Manganese	0.3845	0.4000	mg/L	96%		80-120
Potassium	23.05	24.00	mg/L	96%		80-120
Sodium	19.33	20.40	mg/L	95%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1342579	Batch:	395922
Matrix (Source ID):	Water (553528-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1342579 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.7435	0.3706	0.4000	mg/L	93%		75-125	1
Calcium	92.87	74.74	20.40	mg/L	89%		75-125	1
Iron	0.4471	0.4274	0.4000	mg/L	5%	*	75-125	1
Magnesium	28.81	10.17	20.40	mg/L	91%		75-125	1
Manganese	0.7036	0.3095	0.4000	mg/L	99%		75-125	1
Potassium	24.20	1.371	24.00	mg/L	95%		75-125	1
Sodium	241.7	229.2	20.40	mg/L	61%	E,NM	75-125	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1342580	Batch:	395922
Matrix (Source ID):	Water (553528-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1342580 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.7479	0.3706	0.4000	mg/L	94%		75-125	1	20	1
Calcium	92.96	74.74	20.40	mg/L	89%		75-125	0	20	1
Iron	0.4533	0.4274	0.4000	mg/L	6%	*	75-125	1	22	1
Magnesium	29.08	10.17	20.40	mg/L	93%		75-125	1	20	1
Manganese	0.6856	0.3095	0.4000	mg/L	94%		75-125	3	20	1
Potassium	24.46	1.371	24.00	mg/L	96%		75-125	1	20	1
Sodium	241.8	229.2	20.40	mg/L	62%	E,NM	75-125		20	1

Type:	Matrix Spike	Lab ID:	QC1342581	Batch:	395922
Matrix (Source ID):	Water (553528-002)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1342581 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.8771	0.4980	0.4000	mg/L	95%		75-125	1
Calcium	190.5	173.8	20.40	mg/L	82%	NM	75-125	1
Iron	0.4007	0.01762	0.4000	mg/L	96%		75-125	1
Magnesium	50.60	32.09	20.40	mg/L	91%		75-125	1
Manganese	0.4650	0.08403	0.4000	mg/L	95%		75-125	1
Potassium	24.53	1.334	24.00	mg/L	97%		75-125	1
Sodium	130.2	112.8	20.40	mg/L	85%	NM	75-125	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1342582	Batch:	395922
Matrix (Source ID):	Water (553528-002)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1342582 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.8789	0.4980	0.4000	mg/L	95%		75-125	0	20	1
Calcium	190.9	173.8	20.40	mg/L	84%	NM	75-125	0	20	1
Iron	0.4092	0.01762	0.4000	mg/L	98%		75-125	2	22	1
Magnesium	50.62	32.09	20.40	mg/L	91%		75-125	0	20	1
Manganese	0.4640	0.08403	0.4000	mg/L	95%		75-125	0	20	1
Potassium	24.50	1.334	24.00	mg/L	97%		75-125	0	20	1
Sodium	130.5	112.8	20.40	mg/L	87%	NM	75-125	0	20	1

Type:	Serial Dilution	Lab ID:	QC1342602	Batch:	395922
Matrix (Source ID):	Water (553528-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1342602 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	0.3752	0.3706	mg/L				5
Calcium	77.14	74.74	mg/L				5
Iron	0.2765	0.4274	mg/L				5
Magnesium	10.54	10.17	mg/L				5
Manganese	0.3163	0.3095	mg/L				5
Potassium	0.9771	1.371	mg/L	J			5
Sodium	236.2	229.2	mg/L				5

Type:	Lab Control Sample	Lab ID:	QC1343011	Batch:	396057
Matrix:	Water	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1343011 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	50.83	50.00	ug/L	102%		69-128
MTBE	48.54	50.00	ug/L	97%		66-125
Benzene	50.88	50.00	ug/L	102%		76-121
Trichloroethene	48.66	50.00	ug/L	97%		76-124
Toluene	49.30	50.00	ug/L	99%		76-120
Chlorobenzene	48.36	50.00	ug/L	97%		78-120
Surrogates						
Dibromofluoromethane	49.62	50.00	ug/L	99%		70-130
1,2-Dichloroethane-d4	50.97	50.00	ug/L	102%		70-130
Toluene-d8	49.58	50.00	ug/L	99%		70-130
Bromofluorobenzene	51.16	50.00	ug/L	102%		70-130

ENTHALPY ANALYTICAL

Batch QC

Type:	Lab Control Sample Duplicate	Lab ID:	QC1343012	Batch:	396057
Matrix:	Water	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1343012 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	52.93	50.00	ug/L	106%		69-128	4	23
MTBE	49.27	50.00	ug/L	99%		66-125	1	22
Benzene	52.10	50.00	ug/L	104%		76-121	2	21
Trichloroethene	49.57	50.00	ug/L	99%		76-124	2	22
Toluene	51.33	50.00	ug/L	103%		76-120	4	21
Chlorobenzene	49.87	50.00	ug/L	100%		78-120	3	20
Surrogates								
Dibromofluoromethane	48.70	50.00	ug/L	97%		70-130		
1,2-Dichloroethane-d4	50.27	50.00	ug/L	101%		70-130		
Toluene-d8	49.88	50.00	ug/L	100%		70-130		
Bromofluorobenzene	48.68	50.00	ug/L	97%		70-130		

Type:	Blank	Lab ID:	QC1343014	Batch:	396057
Matrix:	Water	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1343014 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/L	1.0	0.2	02/22/26	02/22/26
Chloromethane	ND		ug/L	1.0	0.09	02/22/26	02/22/26
Vinyl Chloride	ND		ug/L	0.5	0.1	02/22/26	02/22/26
1,1-Dichloroethene	ND		ug/L	0.5	0.1	02/22/26	02/22/26
Methylene Chloride	ND		ug/L	10	0.2	02/22/26	02/22/26
1,1-Dichloroethane	ND		ug/L	0.5	0.09	02/22/26	02/22/26
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	02/22/26	02/22/26
1,2-Dichloroethane	ND		ug/L	0.5	0.2	02/22/26	02/22/26
Benzene	ND		ug/L	0.5	0.1	02/22/26	02/22/26
Trichloroethene	ND		ug/L	0.5	0.1	02/22/26	02/22/26
Tetrachloroethene	ND		ug/L	0.5	0.2	02/22/26	02/22/26
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	02/22/26	02/22/26
Surrogates				**Limits**			
Dibromofluoromethane	94%		%REC	70-130		02/22/26	02/22/26
1,2-Dichloroethane-d4	97%		%REC	70-130		02/22/26	02/22/26
Toluene-d8	99%		%REC	70-130		02/22/26	02/22/26
Bromofluorobenzene	95%		%REC	70-130		02/22/26	02/22/26

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1343025	Batch:	396057
Matrix (Source ID):	Water (553528-001)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1343025 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	21.63	ND	20.00	ug/L	108%		62-131	1
MTBE	20.98	ND	20.00	ug/L	105%		61-124	1
Benzene	21.80	ND	20.00	ug/L	109%		70-123	1
Trichloroethene	20.49	ND	20.00	ug/L	102%		65-131	1
Toluene	20.88	ND	20.00	ug/L	104%		69-120	1
Chlorobenzene	21.03	ND	20.00	ug/L	105%		72-121	1
Surrogates								
Dibromofluoromethane	49.12		50.00	ug/L	98%		70-130	1
1,2-Dichloroethane-d4	52.87		50.00	ug/L	106%		70-130	1
Toluene-d8	49.12		50.00	ug/L	98%		70-130	1
Bromofluorobenzene	48.51		50.00	ug/L	97%		70-130	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1343026	Batch:	396057
Matrix (Source ID):	Water (553528-001)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1343026 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	22.25	ND	20.00	ug/L	111%		62-131	3	31	1
MTBE	21.62	ND	20.00	ug/L	108%		61-124	3	30	1
Benzene	22.53	ND	20.00	ug/L	113%		70-123	3	31	1
Trichloroethene	20.76	ND	20.00	ug/L	104%		65-131	1	31	1
Toluene	21.58	ND	20.00	ug/L	108%		69-120	3	29	1
Chlorobenzene	21.13	ND	20.00	ug/L	106%		72-121	0	29	1
Surrogates										
Dibromofluoromethane	49.37		50.00	ug/L	99%		70-130			1
1,2-Dichloroethane-d4	53.33		50.00	ug/L	107%		70-130			1
Toluene-d8	48.78		50.00	ug/L	98%		70-130			1
Bromofluorobenzene	48.39		50.00	ug/L	97%		70-130			1

Type:	Blank	Lab ID:	QC1343055	Batch:	396064
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1343055 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.87	02/22/26	02/23/26
Surrogates				**Limits**			
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		02/22/26	02/23/26

ENTHALPY ANALYTICAL

Batch QC

Type:	Lab Control Sample	Lab ID:	QC1343056	Batch:	396064
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1343056 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	11.10	10.00	ug/L	111%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	9.358	10.00	ug/L	94%		80-120

Type:	Lab Control Sample Duplicate	Lab ID:	QC1343057	Batch:	396064
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1343057 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	9.221	10.00	ug/L	92%		79-120	19	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.00	10.00	ug/L	100%		80-120		

Type:	Blank	Lab ID:	QC1342796	Batch:	395997
Matrix:	Water	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1342796 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		02/20/26	02/20/26

Type:	Lab Control Sample	Lab ID:	QC1342797	Batch:	395997
Matrix:	Water	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1342797 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type:	Matrix Spike	Lab ID:	QC1342809	Batch:	395997
Matrix (Source ID):	Water (553748-001)	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1342809 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:	QC1342810	Batch:	395997
Matrix (Source ID):	Water (553748-001)	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1342810 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	0	20	1

ENTHALPY ANALYTICAL

Batch QC

Type: Blank **Lab ID:** QC1345566 **Batch:** 396766
Matrix: Water **Method:** SM 5310B **Prep Method:** SM 5310B

QC1345566 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.49	03/01/26	03/01/26

Type: Lab Control Sample **Lab ID:** QC1345567 **Batch:** 396766
Matrix: Water **Method:** SM 5310B **Prep Method:** SM 5310B

QC1345567 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	23.71	25.00	mg/L	95%		85-115

Type: Matrix Spike **Lab ID:** QC1345570 **Batch:** 396766
Matrix (Source ID): Water (554516-001) **Method:** SM 5310B **Prep Method:** SM 5310B

QC1345570 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	41,200	27670	12500	mg/L	108%		75-125	500

Type: Matrix Spike Duplicate **Lab ID:** QC1345571 **Batch:** 396766
Matrix (Source ID): Water (554516-001) **Method:** SM 5310B **Prep Method:** SM 5310B

QC1345571 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	41,400	27670	12500	mg/L	110%		75-125	0	25	500

Type: Blank **Lab ID:** QC1345725 **Batch:** 396821
Matrix: Water **Method:** SM 5310B **Prep Method:** SM 5310B

QC1345725 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.49	03/02/26	03/02/26

Type: Lab Control Sample **Lab ID:** QC1345726 **Batch:** 396821
Matrix: Water **Method:** SM 5310B **Prep Method:** SM 5310B

QC1345726 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	24.19	25.00	mg/L	97%		85-115

Type: Matrix Spike **Lab ID:** QC1345727 **Batch:** 396821
Matrix (Source ID): Water (554503-001) **Method:** SM 5310B **Prep Method:** SM 5310B

QC1345727 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	42,060	28610	12500	mg/L	108%		75-125	500

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1345728	Batch:	396821
Matrix (Source ID):	Water (554503-001)	Method:	SM 5310B	Prep Method:	SM 5310B

QC1345728 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	44,100	28610	12500	mg/L	124%		75-125	5	25	500

Type:	Blank	Lab ID:	QC1343967	Batch:	396315
Matrix:	Water	Method:	SM2320B	Prep Method:	METHOD

QC1343967 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO3	ND		mg/L	2.0		02/24/26	02/24/26
Alkalinity, Total as CaCO3	ND		mg/L	2.0		02/24/26	02/24/26

Type:	Lab Control Sample	Lab ID:	QC1343984	Batch:	396315
Matrix:	Water	Method:	SM2320B	Prep Method:	METHOD

QC1343984 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO3	97.46	100.0	mg/L	97%		90-110

Type:	Sample Duplicate	Lab ID:	QC1343997	Batch:	396315
Matrix (Source ID):	Water (553528-001)	Method:	SM2320B	Prep Method:	METHOD

QC1343997 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO3	307.0	305.0	mg/L		1	20	2.5
Alkalinity, Total as CaCO3	307.0	305.0	mg/L		1	20	2.5

Type:	Blank	Lab ID:	QC1343793	Batch:	396291
Matrix:	Water	Method:	SM2540C	Prep Method:	METHOD

QC1343793 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	10		02/24/26	02/26/26

Type:	Lab Control Sample	Lab ID:	QC1343794	Batch:	396291
Matrix:	Water	Method:	SM2540C	Prep Method:	METHOD

QC1343794 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,020	1000	mg/L	102%		90-110

Type:	Sample Duplicate	Lab ID:	QC1343795	Batch:	396291
Matrix (Source ID):	Water (553524-001)	Method:	SM2540C	Prep Method:	METHOD

QC1343795 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	542.0	534.0	mg/L		1	5	2

Batch QC

Type:	**Sample Duplicate**	**Lab ID:**	**QC1343796**	**Batch:**	**396291**
Matrix (Source ID):	**Water (553579-001)**	**Method:**	**SM2540C**	**Prep Method:**	**METHOD**

QC1343796 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	390.0	354.0	mg/L		10*	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 553528

Subcontracted Products

McCampbell Analytical, Inc.

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"When Quality Counts"

Analytical Report

WorkOrder: 2602E85

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: David Tripp
Project P.O.: 079649
Project: EO-553528

Project Location:
Project Received: 02/19/2026

Analytical Report reviewed & approved for release on 02/26/2026 by:

Tracy Babjar
Project Manager

McCampbell 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.

1534 Willow Pass Rd. Pittsburg, CA 94565 ♦ TEL: (877) 252-9262 ♦ FAX: (925) 252-9269 ♦ www.mccampbell.com

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2602E85

Project: EO-553528

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.

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2602E85

Project: EO-553528

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.
TPH-Diesel	Sample results for semi-volatile TPH (diesel, kerosene, oil, etc) were calculated using a background subtraction procedure to correct for instrument baseline rise (column bleed) as described in Sec 7.7.2.2 of EPA 8015 B, C.
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)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2602E85
Date Received:	02/19/2026 10:27	**Extraction Method:**	RSK175
Date Prepared:	02/25/2026	**Analytical Method:**	RSK175
Project:	EO-553528	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
DW-29	2602E85-001A	Water	02/18/2026 10:49	GC26 0225261104.D	336484

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**12,000**	500	500	10	02/25/2026 16:20

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
DW-31	2602E85-002A	Water	02/18/2026 11:45	GC26 0225261105.D	336484

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**61,000**	2500	2500	50	02/25/2026 16:55

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
FP-01	2602E85-003A	Water	02/18/2026 09:39	GC26 0225261106.D	336484

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**25,000**	1000	1000	20	02/25/2026 17:41

Analyst(s): CLO

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Quality Control Report

Client:	Enthalpy Analytical	**WorkOrder:**	2602E85
Date Prepared:	02/25/2026	**BatchID:**	336484
Date Analyzed:	02/25/2026	**Extraction Method:**	RSK175
Instrument:	GC26	**Analytical Method:**	RSK175
Matrix:	Water	**Unit:**	µg/L
Project:	EO-553528	**Sample ID:**	MB/LCS/LCSD-336484

QC Summary Report for RSK175

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

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	160	200	187.2	87	105	70-130	19.2	30

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 2602E85 **ClientCode: ENO** **QuoteID: 262776**

☐ WaterTrax ☐ CLIP ☐ EDF ☑ EQuIS ☑ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

☑ Detection Summary ☑ **Excel** [A1_Standard _QC]

Report to:
David Tripp
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
657-581-4710 FAX:

Email: david.tripp@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 079649
Project: EO-553528

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: **02/19/2026**
Date Logged: **02/20/2026**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2602E85-001	DW-29	Water	2/18/2026 10:49	☐	A	A										
2602E85-002	DW-31	Water	2/18/2026 11:45	☐	A	A										
2602E85-003	FP-01	Water	2/18/2026 09:39	☐	A	A										

Test Legend:

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

Project Manager: Jena Alfaro **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.

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WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL **Project:** EO-553528 **Work Order:** 2602E85
Client Contact: David Tripp **QC Level:** LEVEL 2
Contact's Email: david.tripp@enthalpy.com **Comments:** **Date Logged:** 2/20/2026

☐ 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-29	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	2/18/2026 10:49	5 days	2/26/2026	Present	☐	☐
002A	DW-31	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	2/18/2026 11:45	5 days	2/26/2026	Present	☐	☐
003A	FP-01	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	2/18/2026 9:39	5 days	2/26/2026	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.**

Cont./Comp. = Containers /Composites

2602E85

ENTHALPY ANALYTICAL

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: 252619
PO #: Quote ID: 262776

Enthalpy Order: EO-553528
PM: David Tripp
Email: david.tripp@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: 657-581-4710

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

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-29	18-FEB-2026 10:49	553528-001	2	Water	RSK-175 CO2	
DW-31	18-FEB-2026 11:45	553528-002	2	Water	RSK-175 CO2	
FP-01	18-FEB-2026 09:39	553528-003	2	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	[signature]	GLS
	Date: 2·18·26 3pm	Date: 2·18·26 / 3pm
	GLS	[signature]
	Date: 2·19·26	Date: 2/19/26 1027
	Date:	Date:

3.6°C wet IR39

650: 564099052

McCampbell 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

Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-553528

Date and Time Received: 2/19/2026 10:27
Date Logged: 2/20/2026
Received by: Agustina Venegas
Logged by:

WorkOrder №: 2602E85 Matrix: Water
Carrier: Golden State Overnight

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Sample IDs noted by Client on COC?	Yes ☑	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐	
Sampler's name noted on COC?	Yes ☐	No ☑	
COC agrees with Quote?	Yes ☑	No ☐	NA ☐
COC quote is active?	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: 3.6°C		NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☑	No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
pH acceptable upon receipt (Metal: <2)?	Yes ☐	No ☐	NA ☑

UCMR Samples:

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

Comments:

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

enthalpy.com

Lab Job Number : 555786
Report Level : II
Report Date : 03/31/2026

Analytical Report *prepared for:*

Matt Breuer
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - CCLF Groundwater

Authorized for release by:

David Tripp, Project Manager
657-581-4710
david.tripp@enthalpy.com

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

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

ENTHALPY ANALYTICAL

Sample Summary

Matt Breuer
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo
Drive
Castaic, CA 91384

Lab Job #:	555786
Project No:	GW MONITORING
Location:	CCLF Groundwater
Date Received:	03/19/26

Sample ID	Lab ID	Collected	Matrix
DW-29	555786-001	03/19/26 11:35	Water
DW-31	555786-002	03/19/26 10:53	Water
FP-01	555786-003	03/19/26 09:53	Water
QCFB	555786-004	03/19/26 10:56	Water
QCTB	555786-005	03/19/26 00:00	Water

Case Narrative

Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384 Matt Breuer	Lab Job Number: 555786 Project No: GW MONITORING Location: CCLF Groundwater Date Received: 03/19/26

- This data package contains sample and QC results for five water samples, requested for the above referenced project on 03/20/26. The samples were received in good condition.
- EPA 300.0, EPA 350.1, EPA 410.4, EPA 6010B, EPA 8270C-SIM, SM 4500-S2-D, SM 5310B, SM2320B, and SM2540C analyses were performed at 931 West Barkley Ave, Orange, CA, 92868.
- EPA 8260B analysis was performed at 2532 E Cerritos Ave., Anaheim, CA, 92806.

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 bromide, fluoride, and nitrogen, nitrate in the MSD for batch 398567; the parent sample was not a project sample, the LCS was within limits, and the associated RPDs were within limits.
- High recoveries were observed for a number of analytes in the second MS/MSD pair for batch 398567; the parent sample was not a project sample, the LCS was within limits, and the associated RPDs were within limits.
- No other analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):
No analytical problems were encountered.

Alkalinity (SM2320B):
No analytical problems were encountered.

Sulfide (SM 4500-S2-D):
No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):

- High RPD was observed for total dissolved solids in the SDUP of DW-31 (lab # 555786-002).
- No other 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.

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Chain of Custody Record

Lab No: 555786

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

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

Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

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

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: 1.0 / 1.4 (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Chiquita Canyon Landfill	Name:	Matt Breuer
Report To:	Matt Breuer	Number:	661-257-3655
Email:	Matthew.Breuer@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

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.	VOCs (EPA 8260B)	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO3	Ammonia-N, Nitrate-N	COD, Cl, SO4, TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide
1	DW-29	3/19/26	1135	W	13	var.	X	X	X	X	X	X	X	X	X
2	DW-31		1053		13		X	X	X	X	X	X	X	X	X
3	FP-01		953		13		X	X	X	X	X	X	X	X	X
4	QCFB		1056		3		X								
5	QCTB	—	—		2		X								
6															
7															
8															
9															
10															

Login 555786

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Paul Chang	CEL	3/19/26 1:11pm
[1] Received By:		Alicet	EA/NH	3/19/26 1:11pm
[2] Relinquished By:		Alicet	EA/NH	3/20/26 9:10
[2] Received By:		Gloria	EANH	3.20.26 9:10
[3] Relinquished By:		Gloria	EANH	3.20.26 10:30
[3] Received By:		Dena	EA	3-20-26 1030

CEL: [signature] 3-20-26 1110 Rec'd NCH EA 3-20-26 11:10

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 3/19/26 WO# 555786 Client: Chiquita Canyon Landfill

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ☒ No

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

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

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 3/19/26 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: +0.8

Cooler Temp (°C) #1: 18.1/18.3 #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?	✓		
2) Is the sampler's name present on the CoC?	✓		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	✓		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)			✓
5) Were all of, and only, the correct samples received?	✓		
6) Are sample labels present, legible, and in agreement with the CoC?	✓		
7) Does the container count match the CoC?	✓		
8) Was sufficient sample volume / mass received for the analyses requested?	✓		
9) Were samples received in proper containers for the analyses requested?	✓		
10) Were samples received with > 1/2 holding time remaining?	✓		
11) Are samples properly preserved as indicated by CoC / labels?		✓	
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?		✓	
13) Are VOA vials free from headspace/bubbles > 6mm?		✓	

Section 5: Explanations / Comments

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

☐ **No additional discrepancies**

Date Logged 3/19/26 **By (print)** AXT **(sign)** _____

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

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 3/20/26 WO# 555786 Client: WASTECONNECTIONS

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 3/20/26 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: IR15 CF: +0.4

Cooler Temp (°C) #1: 1.0 / 1.4 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ■ **No microbiology samples submitted (skip 3b)**

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

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ■ **No air samples submitted (skip 3c)**

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

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	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.)

4.10: Nitrate received with 1/2 holding time remaining

4.13: For sample -003, 1/3 HCL VOA vials & For sample -005, 1/2 HCL VOA vials have headspace 26mm

☐ **No additional discrepancies**

Date Logged 3/19/26 **By (print)** AXT **(sign)** NA

Date Labeled 3/19/26 **By (print)** AXT **(sign)** NA

ENTHALPY ANALYTICAL

Analysis Results for 555786

Matt Breuer
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 555786
Project No: GW MONITORING
Location: CCLF Groundwater
Date Received: 03/19/26

Sample ID: DW-29 **Lab ID: 555786-001** **Collected: 03/19/26 11:35**
Matrix: Water

555786-001 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	0.059	1	398567	03/20/26 11:59	03/20/26 14:56	KUM
Chloride	**93**		mg/L	1.0	0.26	1	398567	03/20/26 11:59	03/20/26 14:56	KUM
Bromide	**0.30**		mg/L	0.30	0.061	1	398567	03/20/26 11:59	03/20/26 14:56	KUM
Nitrogen, Nitrate	**1.9**		mg/L	0.10	0.05	1	398567	03/20/26 11:59	03/20/26 14:56	KUM
Sulfate	**360**		mg/L	10	1.8	10	398567	03/20/26 11:59	03/20/26 15:17	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.068	1	398791	03/24/26	03/24/26	JAK
Method: EPA 410.4 Prep Method: EPA 410.4										
Chemical Oxygen Demand	**18**		mg/L	4.0	2.0	1	398818	03/24/26	03/25/26	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.40**		mg/L	0.050	0.0023	1	398598	03/20/26	03/21/26	SBW
Calcium	**80**		mg/L	0.10	0.022	1	398598	03/20/26	03/21/26	SBW
Iron	**0.070**		mg/L	0.050	0.027	1	398598	03/20/26	03/21/26	SBW
Magnesium	**11**		mg/L	0.10	0.010	1	398598	03/20/26	03/21/26	SBW
Manganese	**0.22**		mg/L	0.010	0.00075	1	398598	03/20/26	03/23/26	SBW
Potassium	**1.6**		mg/L	0.50	0.15	1	398598	03/20/26	03/21/26	SBW
Sodium	**240**		mg/L	0.50	0.017	1	398598	03/20/26	03/23/26	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.1	1	398796	03/24/26	03/24/26	HMN
Chloromethane	ND		ug/L	1.0	0.2	1	398796	03/24/26	03/24/26	HMN
Vinyl Chloride	ND		ug/L	0.5	0.1	1	398796	03/24/26	03/24/26	HMN
1,1-Dichloroethene	ND		ug/L	0.5	0.08	1	398796	03/24/26	03/24/26	HMN
Methylene Chloride	ND		ug/L	10	0.2	1	398796	03/24/26	03/24/26	HMN
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	398796	03/24/26	03/24/26	HMN
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.09	1	398796	03/24/26	03/24/26	HMN
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	398796	03/24/26	03/24/26	HMN
Benzene	ND		ug/L	0.5	0.1	1	398796	03/24/26	03/24/26	HMN
Trichloroethene	ND		ug/L	0.5	0.1	1	398796	03/24/26	03/24/26	HMN
Tetrachloroethene	ND		ug/L	0.5	0.1	1	398796	03/24/26	03/24/26	HMN
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	398796	03/24/26	03/24/26	HMN
Surrogates				**Limits**						
Dibromofluoromethane	97%		%REC	70-130		1	398796	03/24/26	03/24/26	HMN
1,2-Dichloroethane-d4	106%		%REC	70-130		1	398796	03/24/26	03/24/26	HMN
Toluene-d8	97%		%REC	70-130		1	398796	03/24/26	03/24/26	HMN
Bromofluorobenzene	102%		%REC	70-130		1	398796	03/24/26	03/24/26	HMN

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

ENTHALPY ANALYTICAL

Analysis Results for 555786

555786-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.84	1	398764	03/23/26	03/24/26	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	103%		%REC	80-120		1	398764	03/23/26	03/24/26	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	398619	03/20/26	03/20/26	CDR
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**11**		mg/L	1.0	0.49	1	398671	03/22/26	03/22/26	BDR
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**290**		mg/L	5.0		2.5	398853	03/25/26	03/25/26	WWC
Alkalinity, Total as CaCO3	**290**		mg/L	5.0		2.5	398853	03/25/26	03/25/26	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**1,000**		mg/L	20		2	398974	03/25/26	03/29/26	CDR

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

ENTHALPY ANALYTICAL

Analysis Results for 555786

Sample ID: DW-31	Lab ID: 555786-002	Collected: 03/19/26 10:53
	Matrix: Water	

555786-002 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	0.059	1	398567	03/20/26 11:59	03/20/26 16:23	KUM
Chloride	**74**		mg/L	1.0	0.26	1	398567	03/20/26 11:59	03/20/26 16:23	KUM
Bromide	**0.27**	J	mg/L	0.30	0.061	1	398567	03/20/26 11:59	03/20/26 16:23	KUM
Nitrogen, Nitrate	**2.2**		mg/L	0.10	0.05	1	398567	03/20/26 11:59	03/20/26 16:23	KUM
Sulfate	**280**		mg/L	10	1.8	10	398567	03/20/26 11:59	03/20/26 16:45	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.068	1	398791	03/24/26	03/24/26	JAK
Method: EPA 410.4 Prep Method: EPA 410.4										
Chemical Oxygen Demand	**21**		mg/L	4.0	2.0	1	398818	03/24/26	03/25/26	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.51**		mg/L	0.050	0.0023	1	398598	03/20/26	03/21/26	SBW
Calcium	**180**		mg/L	0.10	0.022	1	398598	03/20/26	03/21/26	SBW
Iron	ND		mg/L	0.050	0.027	1	398598	03/20/26	03/21/26	SBW
Magnesium	**33**		mg/L	0.10	0.010	1	398598	03/20/26	03/21/26	SBW
Manganese	**0.066**		mg/L	0.010	0.00075	1	398598	03/20/26	03/23/26	SBW
Potassium	**1.5**		mg/L	0.50	0.15	1	398598	03/20/26	03/21/26	SBW
Sodium	**120**		mg/L	0.50	0.017	1	398598	03/20/26	03/21/26	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.1	1	399212	03/28/26	03/28/26	HMN
Chloromethane	ND		ug/L	1.0	0.2	1	399212	03/28/26	03/28/26	HMN
Vinyl Chloride	ND		ug/L	0.5	0.1	1	399212	03/28/26	03/28/26	HMN
1,1-Dichloroethene	ND		ug/L	0.5	0.08	1	399212	03/28/26	03/28/26	HMN
Methylene Chloride	ND		ug/L	10	0.2	1	399212	03/28/26	03/28/26	HMN
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	399212	03/28/26	03/28/26	HMN
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.09	1	399212	03/28/26	03/28/26	HMN
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	399212	03/28/26	03/28/26	HMN
Benzene	ND		ug/L	0.5	0.1	1	399212	03/28/26	03/28/26	HMN
Trichloroethene	ND		ug/L	0.5	0.1	1	399212	03/28/26	03/28/26	HMN
Tetrachloroethene	ND		ug/L	0.5	0.1	1	399212	03/28/26	03/28/26	HMN
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	399212	03/28/26	03/28/26	HMN
Surrogates				**Limits**						
Dibromofluoromethane	101%		%REC	70-130		1	399212	03/28/26	03/28/26	HMN
1,2-Dichloroethane-d4	114%		%REC	70-130		1	399212	03/28/26	03/28/26	HMN
Toluene-d8	94%		%REC	70-130		1	399212	03/28/26	03/28/26	HMN
Bromofluorobenzene	99%		%REC	70-130		1	399212	03/28/26	03/28/26	HMN
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	**2.1**		ug/L	1.0	0.84	1	398764	03/23/26	03/24/26	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	398764	03/23/26	03/24/26	ZFA

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

ENTHALPY ANALYTICAL

Analysis Results for 555786

555786-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	398619	03/20/26	03/20/26	CDR
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**9.8**		mg/L	1.0	0.49	1	398671	03/22/26	03/22/26	BDR
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**480**		mg/L	5.0		2.5	398853	03/25/26	03/25/26	WWC
Alkalinity, Total as CaCO3	**480**		mg/L	5.0		2.5	398853	03/25/26	03/25/26	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**980**		mg/L	20		2	398974	03/25/26	03/29/26	CDR

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

ENTHALPY ANALYTICAL

Analysis Results for 555786

Sample ID: FP-01	Lab ID: 555786-003	Collected: 03/19/26 09:53
	Matrix: Water	

555786-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.26**		mg/L	0.20	0.059	1	398567	03/20/26 11:59	03/20/26 17:07	KUM
Chloride	**89**		mg/L	1.0	0.26	1	398567	03/20/26 11:59	03/20/26 17:07	KUM
Bromide	**0.40**		mg/L	0.30	0.061	1	398567	03/20/26 11:59	03/20/26 17:07	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	398567	03/20/26 11:59	03/20/26 17:07	KUM
Sulfate	**380**		mg/L	10	1.8	10	398567	03/20/26 11:59	03/20/26 17:29	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.068	1	398791	03/24/26	03/24/26	JAK
Method: EPA 410.4 Prep Method: EPA 410.4										
Chemical Oxygen Demand	**25**		mg/L	4.0	2.0	1	398818	03/24/26	03/25/26	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.48**		mg/L	0.050	0.0023	1	398598	03/20/26	03/21/26	SBW
Calcium	**160**		mg/L	0.10	0.022	1	398598	03/20/26	03/21/26	SBW
Iron	ND		mg/L	0.050	0.027	1	398598	03/20/26	03/21/26	SBW
Magnesium	**31**		mg/L	0.10	0.010	1	398598	03/20/26	03/21/26	SBW
Manganese	**0.47**		mg/L	0.010	0.00075	1	398598	03/20/26	03/23/26	SBW
Potassium	**1.6**		mg/L	0.50	0.15	1	398598	03/20/26	03/21/26	SBW
Sodium	**130**		mg/L	0.50	0.017	1	398598	03/20/26	03/21/26	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.1	1	398796	03/24/26	03/24/26	HMN
Chloromethane	ND		ug/L	1.0	0.2	1	398796	03/24/26	03/24/26	HMN
Vinyl Chloride	ND		ug/L	0.5	0.1	1	398796	03/24/26	03/24/26	HMN
1,1-Dichloroethene	ND		ug/L	0.5	0.08	1	398796	03/24/26	03/24/26	HMN
Methylene Chloride	ND		ug/L	10	0.2	1	398796	03/24/26	03/24/26	HMN
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	398796	03/24/26	03/24/26	HMN
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.09	1	398796	03/24/26	03/24/26	HMN
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	398796	03/24/26	03/24/26	HMN
Benzene	ND		ug/L	0.5	0.1	1	398796	03/24/26	03/24/26	HMN
Trichloroethene	ND		ug/L	0.5	0.1	1	398796	03/24/26	03/24/26	HMN
Tetrachloroethene	ND		ug/L	0.5	0.1	1	398796	03/24/26	03/24/26	HMN
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	398796	03/24/26	03/24/26	HMN
Surrogates				**Limits**						
Dibromofluoromethane	98%		%REC	70-130		1	398796	03/24/26	03/24/26	HMN
1,2-Dichloroethane-d4	108%		%REC	70-130		1	398796	03/24/26	03/24/26	HMN
Toluene-d8	97%		%REC	70-130		1	398796	03/24/26	03/24/26	HMN
Bromofluorobenzene	103%		%REC	70-130		1	398796	03/24/26	03/24/26	HMN
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	**4.7**		ug/L	1.0	0.84	1	398764	03/23/26	03/24/26	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	108%		%REC	80-120		1	398764	03/23/26	03/24/26	ZFA

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

ENTHALPY ANALYTICAL

Analysis Results for 555786

555786-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	398619	03/20/26	03/20/26	CDR
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**9.7**		mg/L	1.0	0.49	1	398671	03/22/26	03/22/26	BDR
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**380**		mg/L	5.0		2.5	398853	03/25/26	03/25/26	WWC
Alkalinity, Total as CaCO3	**380**		mg/L	5.0		2.5	398853	03/25/26	03/25/26	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**990**		mg/L	20		2	398974	03/25/26	03/29/26	CDR

Sample ID: QCFB **Lab ID: 555786-004** **Collected: 03/19/26 10:56**
Matrix: Water

555786-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.1	1	398796	03/24/26	03/24/26	HMN
Chloromethane	ND		ug/L	1.0	0.2	1	398796	03/24/26	03/24/26	HMN
Vinyl Chloride	ND		ug/L	0.5	0.1	1	398796	03/24/26	03/24/26	HMN
1,1-Dichloroethene	ND		ug/L	0.5	0.08	1	398796	03/24/26	03/24/26	HMN
Methylene Chloride	**0.6**	J	ug/L	10	0.2	1	398796	03/24/26	03/24/26	HMN
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	398796	03/24/26	03/24/26	HMN
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.09	1	398796	03/24/26	03/24/26	HMN
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	398796	03/24/26	03/24/26	HMN
Benzene	ND		ug/L	0.5	0.1	1	398796	03/24/26	03/24/26	HMN
Trichloroethene	ND		ug/L	0.5	0.1	1	398796	03/24/26	03/24/26	HMN
Tetrachloroethene	ND		ug/L	0.5	0.1	1	398796	03/24/26	03/24/26	HMN
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	398796	03/24/26	03/24/26	HMN
Surrogates				**Limits**						
Dibromofluoromethane	96%		%REC	70-130		1	398796	03/24/26	03/24/26	HMN
1,2-Dichloroethane-d4	100%		%REC	70-130		1	398796	03/24/26	03/24/26	HMN
Toluene-d8	99%		%REC	70-130		1	398796	03/24/26	03/24/26	HMN
Bromofluorobenzene	103%		%REC	70-130		1	398796	03/24/26	03/24/26	HMN

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

ENTHALPY ANALYTICAL

Analysis Results for 555786

Sample ID: QCTB	Lab ID: 555786-005	Collected: 03/19/26
	Matrix: Water	

555786-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.1	1	398796	03/24/26	03/24/26	ZST
Chloromethane	ND		ug/L	1.0	0.2	1	398796	03/24/26	03/24/26	ZST
Vinyl Chloride	ND		ug/L	0.5	0.1	1	398796	03/24/26	03/24/26	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.08	1	398796	03/24/26	03/24/26	ZST
Methylene Chloride	**0.5**	J	ug/L	10	0.2	1	398796	03/24/26	03/24/26	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	398796	03/24/26	03/24/26	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.09	1	398796	03/24/26	03/24/26	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	398796	03/24/26	03/24/26	ZST
Benzene	ND		ug/L	0.5	0.1	1	398796	03/24/26	03/24/26	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	398796	03/24/26	03/24/26	ZST
Tetrachloroethene	ND		ug/L	0.5	0.1	1	398796	03/24/26	03/24/26	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	398796	03/24/26	03/24/26	ZST
Surrogates				**Limits**						
Dibromofluoromethane	97%		%REC	70-130		1	398796	03/24/26	03/24/26	ZST
1,2-Dichloroethane-d4	106%		%REC	70-130		1	398796	03/24/26	03/24/26	ZST
Toluene-d8	98%		%REC	70-130		1	398796	03/24/26	03/24/26	ZST
Bromofluorobenzene	103%		%REC	70-130		1	398796	03/24/26	03/24/26	ZST

J Estimated value
ND Not Detected

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

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID:** QC1351839	**Batch:** 398567
Matrix: Water	**Method:** EPA 300.0	**Prep Method:** METHOD

QC1351839 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.059	03/20/26 11:59	03/20/26 12:01
Chloride	ND		mg/L	1.0	0.26	03/20/26 11:59	03/20/26 12:01
Bromide	ND		mg/L	0.30	0.061	03/20/26 11:59	03/20/26 12:01
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	03/20/26 11:59	03/20/26 12:01
Sulfate	ND		mg/L	1.0	0.18	03/20/26 11:59	03/20/26 12:01

Type: Lab Control Sample	**Lab ID:** QC1351840	**Batch:** 398567
Matrix: Water	**Method:** EPA 300.0	**Prep Method:** METHOD

QC1351840 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.604	10.00	mg/L	96%		90-110
Chloride	46.35	50.00	mg/L	93%		90-110
Bromide	14.53	15.00	mg/L	97%		90-110
Nitrogen, Nitrate	4.434	4.518	mg/L	98%		90-110
Sulfate	24.40	25.00	mg/L	98%		90-110

Type: Matrix Spike	**Lab ID:** QC1351841	**Batch:** 398567
Matrix (Source ID): Water (555884-001)	**Method:** EPA 300.0	**Prep Method:** METHOD

QC1351841 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	23.85	0.6473	20.00	mg/L	116%		80-129	1
Chloride	561.8	587.9	100.0	mg/L	-26%	E,NM	80-123	1
Bromide	19.21	1.995	15.00	mg/L	115%		80-121	1
Nitrogen, Nitrate	10.67	0.1494	9.036	mg/L	116%		80-123	1
Sulfate	467.2	508.7	50.00	mg/L	-83%	E,NM	79-124	1

Type: Matrix Spike Duplicate	**Lab ID:** QC1351842	**Batch:** 398567
Matrix (Source ID): Water (555884-001)	**Method:** EPA 300.0	**Prep Method:** METHOD

QC1351842 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	28.81	0.6473	20.00	mg/L	141%	*	80-129	19	21	1
Chloride	571.8	587.9	100.0	mg/L	-16%	E,NM	80-123		20	1
Bromide	22.57	1.995	15.00	mg/L	137%	*	80-121	16	20	1
Nitrogen, Nitrate	12.77	0.1494	9.036	mg/L	140%	*	80-123	18	20	1
Sulfate	471.5	508.7	50.00	mg/L	-74%	E,NM	79-124		20	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1351884	Batch:	398567
Matrix (Source ID):	Water (555902-001)	Method:	EPA 300.0	Prep Method:	METHOD

QC1351884 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	25.28	ND	20.00	mg/L	126%		80-129	1
Chloride	185.4	66.10	100.0	mg/L	119%		80-123	1
Bromide	18.55	0.09091	15.00	mg/L	123%	*	80-121	1
Nitrogen, Nitrate	11.70	0.4231	9.036	mg/L	125%	*	80-123	1
Sulfate	64.25	1.279	50.00	mg/L	126%	*	79-124	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1351885	Batch:	398567
Matrix (Source ID):	Water (555902-001)	Method:	EPA 300.0	Prep Method:	METHOD

QC1351885 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	25.96	ND	20.00	mg/L	130%	*	80-129	3	21	1
Chloride	188.4	66.10	100.0	mg/L	122%		80-123	2	20	1
Bromide	19.03	0.09091	15.00	mg/L	126%	*	80-121	3	20	1
Nitrogen, Nitrate	12.00	0.4231	9.036	mg/L	128%	*	80-123	3	20	1
Sulfate	65.95	1.279	50.00	mg/L	129%	*	79-124	3	20	1

Type:	Blank	Lab ID:	QC1352617	Batch:	398791
Matrix:	Water	Method:	EPA 350.1	Prep Method:	METHOD

QC1352617 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.068	03/24/26	03/24/26

Type:	Lab Control Sample	Lab ID:	QC1352618	Batch:	398791
Matrix:	Water	Method:	EPA 350.1	Prep Method:	METHOD

QC1352618 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9145	1.000	mg/L	91%		90-110

Type:	Matrix Spike	Lab ID:	QC1352619	Batch:	398791
Matrix (Source ID):	Drinking Water (555969-001)	Method:	EPA 350.1	Prep Method:	SM 4500-NH3-G SD

QC1352619 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.282	0.3753	1.000	mg/L	91%		90-110	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1352620	Batch:	398791
Matrix (Source ID):	Drinking Water (555969-001)	Method:	EPA 350.1	Prep Method:	SM 4500-NH3-G SD

QC1352620 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.282	0.3753	1.000	mg/L	91%		90-110	0	20	1

Type:	Blank	Lab ID:	QC1352724	Batch:	398818
Matrix:	Water	Method:	EPA 410.4	Prep Method:	EPA 410.4

QC1352724 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	03/24/26	03/25/26

Type:	Lab Control Sample	Lab ID:	QC1352725	Batch:	398818
Matrix:	Water	Method:	EPA 410.4	Prep Method:	EPA 410.4

QC1352725 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	100.0	100.0	mg/L	100%		90-110

Type:	Matrix Spike	Lab ID:	QC1352726	Batch:	398818
Matrix (Source ID):	Water (555786-001)	Method:	EPA 410.4	Prep Method:	EPA 410.4

QC1352726 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	104.0	18.00	100.0	mg/L	86%		75-125	2

Type:	Matrix Spike Duplicate	Lab ID:	QC1352727	Batch:	398818
Matrix (Source ID):	Water (555786-001)	Method:	EPA 410.4	Prep Method:	EPA 410.4

QC1352727 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	116.0	18.00	100.0	mg/L	98%		75-125	11	20	2

Type:	Blank	Lab ID:	QC1351929	Batch:	398598
Matrix:	Water	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1351929 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0023	03/20/26	03/21/26
Calcium	ND		mg/L	0.10	0.022	03/20/26	03/21/26
Iron	ND		mg/L	0.027	0.027	03/20/26	03/21/26
Magnesium	ND		mg/L	0.10	0.010	03/20/26	03/21/26
Manganese	ND		mg/L	0.010	0.00075	03/20/26	03/23/26
Potassium	ND		mg/L	0.50	0.15	03/20/26	03/21/26
Sodium	ND		mg/L	0.50	0.017	03/20/26	03/21/26

ENTHALPY ANALYTICAL

Batch QC

Type:	Lab Control Sample	Lab ID:	QC1351930	Batch:	398598
Matrix:	Water	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1351930 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3448	0.4000	mg/L	86%		80-120
Calcium	18.46	20.40	mg/L	90%		80-120
Iron	0.3516	0.4000	mg/L	88%		80-120
Magnesium	18.14	20.40	mg/L	89%		80-120
Manganese	0.3787	0.4000	mg/L	95%		80-120
Potassium	21.27	24.00	mg/L	89%		80-120
Sodium	17.82	20.40	mg/L	87%		80-120

Type:	Matrix Spike	Lab ID:	QC1351942	Batch:	398598
Matrix (Source ID):	Filtrate (555878-011)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1351942 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.4685	0.08588	0.4000	mg/L	96%		75-125	1
Calcium	64.25	44.08	20.40	mg/L	99%		75-125	1
Iron	3.960	3.561	0.4000	mg/L	100%	NM	75-125	1
Magnesium	20.68	1.310	20.40	mg/L	95%		75-125	1
Manganese	0.4596	0.07236	0.4000	mg/L	97%		75-125	1
Potassium	30.51	7.518	24.00	mg/L	96%		75-125	1
Sodium	115.3	95.74	20.40	mg/L	96%	NM	75-125	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1351943	Batch:	398598
Matrix (Source ID):	Filtrate (555878-011)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1351943 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.4718	0.08588	0.4000	mg/L	96%		75-125	1	20	1
Calcium	62.96	44.08	20.40	mg/L	93%		75-125	2	20	1
Iron	4.041	3.561	0.4000	mg/L	120%	NM	75-125	2	22	1
Magnesium	20.50	1.310	20.40	mg/L	94%		75-125	1	20	1
Manganese	0.4645	0.07236	0.4000	mg/L	98%		75-125	1	20	1
Potassium	30.23	7.518	24.00	mg/L	95%		75-125	1	20	1
Sodium	112.8	95.74	20.40	mg/L	84%	NM	75-125	2	20	1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Serial Dilution**	**Lab ID:**	**QC1352051**	**Batch:**	**398598**
Matrix (Source ID):	**Filtrate (555878-011)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1352051 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	0.08039	0.08588	mg/L	J			5
Calcium	45.08	44.08	mg/L				5
Iron	3.641	3.561	mg/L				5
Magnesium	1.352	1.310	mg/L				5
Manganese	0.07346	0.07236	mg/L				5
Potassium	7.580	7.518	mg/L				5
Sodium	98.82	95.74	mg/L				5

Type:	**Lab Control Sample**	**Lab ID:**	**QC1352633**	**Batch:**	**398796**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1352633 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	48.75	50.00	ug/L	98%		69-128
MTBE	54.20	50.00	ug/L	108%		66-125
Benzene	54.04	50.00	ug/L	108%		76-121
Trichloroethene	50.67	50.00	ug/L	101%		76-124
Toluene	48.71	50.00	ug/L	97%		76-120
Chlorobenzene	49.32	50.00	ug/L	99%		78-120
Surrogates						
Dibromofluoromethane	48.94	50.00	ug/L	98%		70-130
1,2-Dichloroethane-d4	50.88	50.00	ug/L	102%		70-130
Toluene-d8	49.24	50.00	ug/L	98%		70-130
Bromofluorobenzene	50.29	50.00	ug/L	101%		70-130

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1352634**	**Batch:**	**398796**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1352634 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	49.20	50.00	ug/L	98%		69-128	1	23
MTBE	56.27	50.00	ug/L	113%		66-125	4	22
Benzene	55.03	50.00	ug/L	110%		76-121	2	21
Trichloroethene	50.95	50.00	ug/L	102%		76-124	1	22
Toluene	49.15	50.00	ug/L	98%		76-120	1	21
Chlorobenzene	50.28	50.00	ug/L	101%		78-120	2	20
Surrogates								
Dibromofluoromethane	48.86	50.00	ug/L	98%		70-130		
1,2-Dichloroethane-d4	52.35	50.00	ug/L	105%		70-130		
Toluene-d8	49.55	50.00	ug/L	99%		70-130		
Bromofluorobenzene	49.83	50.00	ug/L	100%		70-130		

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1352638	Batch: 398796
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1352638 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/L	1.0	0.1	03/24/26	03/24/26
Chloromethane	ND		ug/L	1.0	0.2	03/24/26	03/24/26
Vinyl Chloride	ND		ug/L	0.5	0.1	03/24/26	03/24/26
1,1-Dichloroethene	ND		ug/L	0.5	0.08	03/24/26	03/24/26
Methylene Chloride	ND		ug/L	10	0.2	03/24/26	03/24/26
1,1-Dichloroethane	ND		ug/L	0.5	0.1	03/24/26	03/24/26
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.09	03/24/26	03/24/26
1,2-Dichloroethane	ND		ug/L	0.5	0.1	03/24/26	03/24/26
Benzene	ND		ug/L	0.5	0.1	03/24/26	03/24/26
Trichloroethene	ND		ug/L	0.5	0.1	03/24/26	03/24/26
Tetrachloroethene	ND		ug/L	0.5	0.1	03/24/26	03/24/26
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	03/24/26	03/24/26
Surrogates				**Limits**			
Dibromofluoromethane	96%		%REC	70-130		03/24/26	03/24/26
1,2-Dichloroethane-d4	105%		%REC	70-130		03/24/26	03/24/26
Toluene-d8	98%		%REC	70-130		03/24/26	03/24/26
Bromofluorobenzene	105%		%REC	70-130		03/24/26	03/24/26

Type: Matrix Spike	Lab ID: QC1352717	Batch: 398796
Matrix (Source ID): Water (555560-008)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1352717 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	19.32	ND	20.00	ug/L	97%		62-131	1
MTBE	24.00	ND	20.00	ug/L	120%		61-124	1
Benzene	22.52	ND	20.00	ug/L	113%		70-123	1
Trichloroethene	19.92	ND	20.00	ug/L	100%		65-131	1
Toluene	19.49	ND	20.00	ug/L	97%		69-120	1
Chlorobenzene	20.19	ND	20.00	ug/L	101%		72-121	1
Surrogates								
Dibromofluoromethane	49.34		50.00	ug/L	99%		70-130	1
1,2-Dichloroethane-d4	55.01		50.00	ug/L	110%		70-130	1
Toluene-d8	48.00		50.00	ug/L	96%		70-130	1
Bromofluorobenzene	49.91		50.00	ug/L	100%		70-130	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1352718	Batch:	398796
Matrix (Source ID):	Water (555560-008)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1352718 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	20.05	ND	20.00	ug/L	100%		62-131	4	31	1
MTBE	24.55	ND	20.00	ug/L	123%		61-124	2	30	1
Benzene	23.20	ND	20.00	ug/L	116%		70-123	3	31	1
Trichloroethene	21.26	ND	20.00	ug/L	106%		65-131	7	31	1
Toluene	21.12	ND	20.00	ug/L	106%		69-120	8	29	1
Chlorobenzene	21.33	ND	20.00	ug/L	107%		72-121	5	29	1
Surrogates										
Dibromofluoromethane	49.35		50.00	ug/L	99%		70-130			1
1,2-Dichloroethane-d4	54.21		50.00	ug/L	108%		70-130			1
Toluene-d8	49.02		50.00	ug/L	98%		70-130			1
Bromofluorobenzene	50.63		50.00	ug/L	101%		70-130			1

Type:	Lab Control Sample	Lab ID:	QC1354119	Batch:	399212
Matrix:	Water	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1354119 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	53.85	50.00	ug/L	108%		69-128
MTBE	53.87	50.00	ug/L	108%		66-125
Benzene	56.75	50.00	ug/L	113%		76-121
Trichloroethene	50.56	50.00	ug/L	101%		76-124
Toluene	49.84	50.00	ug/L	100%		76-120
Chlorobenzene	49.13	50.00	ug/L	98%		78-120
Surrogates						
Dibromofluoromethane	48.67	50.00	ug/L	97%		70-130
1,2-Dichloroethane-d4	53.87	50.00	ug/L	108%		70-130
Toluene-d8	48.35	50.00	ug/L	97%		70-130
Bromofluorobenzene	50.38	50.00	ug/L	101%		70-130

Type:	Lab Control Sample Duplicate	Lab ID:	QC1354120	Batch:	399212
Matrix:	Water	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1354120 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	50.07	50.00	ug/L	100%		69-128	7	23
MTBE	48.82	50.00	ug/L	98%		66-125	10	22
Benzene	52.22	50.00	ug/L	104%		76-121	8	21
Trichloroethene	47.17	50.00	ug/L	94%		76-124	7	22
Toluene	46.08	50.00	ug/L	92%		76-120	8	21
Chlorobenzene	44.74	50.00	ug/L	89%		78-120	9	20
Surrogates								
Dibromofluoromethane	47.26	50.00	ug/L	95%		70-130		
1,2-Dichloroethane-d4	50.93	50.00	ug/L	102%		70-130		
Toluene-d8	48.67	50.00	ug/L	97%		70-130		
Bromofluorobenzene	49.00	50.00	ug/L	98%		70-130		

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1354121	Batch:	399212
Matrix (Source ID):	Water (555979-001)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1354121 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	20.95	ND	20.00	ug/L	105%		62-131	1
MTBE	22.63	ND	20.00	ug/L	113%		61-124	1
Benzene	22.41	ND	20.00	ug/L	112%		70-123	1
Trichloroethene	18.81	ND	20.00	ug/L	94%		65-131	1
Toluene	18.66	ND	20.00	ug/L	93%		69-120	1
Chlorobenzene	18.54	ND	20.00	ug/L	93%		72-121	1
Surrogates								
Dibromofluoromethane	50.85		50.00	ug/L	102%		70-130	1
1,2-Dichloroethane-d4	58.88		50.00	ug/L	118%		70-130	1
Toluene-d8	48.53		50.00	ug/L	97%		70-130	1
Bromofluorobenzene	49.01		50.00	ug/L	98%		70-130	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1354122	Batch:	399212
Matrix (Source ID):	Water (555979-001)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1354122 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	21.23	ND	20.00	ug/L	106%		62-131	1	31	1
MTBE	23.43	ND	20.00	ug/L	117%		61-124	3	30	1
Benzene	22.50	ND	20.00	ug/L	113%		70-123	0	31	1
Trichloroethene	18.91	ND	20.00	ug/L	95%		65-131	1	31	1
Toluene	18.72	ND	20.00	ug/L	94%		69-120	0	29	1
Chlorobenzene	18.61	ND	20.00	ug/L	93%		72-121	0	29	1
Surrogates										
Dibromofluoromethane	50.65		50.00	ug/L	101%		70-130			1
1,2-Dichloroethane-d4	56.70		50.00	ug/L	113%		70-130			1
Toluene-d8	47.00		50.00	ug/L	94%		70-130			1
Bromofluorobenzene	50.29		50.00	ug/L	101%		70-130			1

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1354124	Batch: 399212
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1354124 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/L	1.0	0.1	03/27/26	03/27/26
Chloromethane	ND		ug/L	1.0	0.2	03/27/26	03/27/26
Vinyl Chloride	ND		ug/L	0.5	0.1	03/27/26	03/27/26
1,1-Dichloroethene	ND		ug/L	0.5	0.08	03/27/26	03/27/26
Methylene Chloride	ND		ug/L	10	0.2	03/27/26	03/27/26
1,1-Dichloroethane	ND		ug/L	0.5	0.1	03/27/26	03/27/26
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.09	03/27/26	03/27/26
1,2-Dichloroethane	ND		ug/L	0.5	0.1	03/27/26	03/27/26
Benzene	ND		ug/L	0.5	0.1	03/27/26	03/27/26
Trichloroethene	ND		ug/L	0.5	0.1	03/27/26	03/27/26
Tetrachloroethene	ND		ug/L	0.5	0.1	03/27/26	03/27/26
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	03/27/26	03/27/26
Surrogates				**Limits**			
Dibromofluoromethane	92%		%REC	70-130		03/27/26	03/27/26
1,2-Dichloroethane-d4	93%		%REC	70-130		03/27/26	03/27/26
Toluene-d8	100%		%REC	70-130		03/27/26	03/27/26
Bromofluorobenzene	103%		%REC	70-130		03/27/26	03/27/26

Type: Blank	Lab ID: QC1352555	Batch: 398764
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1352555 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.84	03/23/26	03/24/26
Surrogates				**Limits**			
1,4-Dioxane-d8 (SUR)	98%		%REC	80-120		03/23/26	03/24/26

Type: Lab Control Sample	Lab ID: QC1352556	Batch: 398764
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1352556 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	9.805	10.00	ug/L	98%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.42	10.00	ug/L	104%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1352557	Batch: 398764
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1352557 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	9.429	10.00	ug/L	94%		79-120	4	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.45	10.00	ug/L	105%		80-120		

ENTHALPY ANALYTICAL

Batch QC

Type: Blank **Lab ID: QC1352005** **Batch: 398619**
Matrix: Water **Method: SM 4500-S2-D** **Prep Method: METHOD**

QC1352005 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		03/20/26	03/20/26

Type: Lab Control Sample **Lab ID: QC1352006** **Batch: 398619**
Matrix: Water **Method: SM 4500-S2-D** **Prep Method: METHOD**

QC1352006 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike **Lab ID: QC1352007** **Batch: 398619**
Matrix (Source ID): Water (555883-005) **Method: SM 4500-S2-D** **Prep Method: METHOD**

QC1352007 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: QC1352008** **Batch: 398619**
Matrix (Source ID): Water (555883-005) **Method: SM 4500-S2-D** **Prep Method: METHOD**

QC1352008 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	11	20	1

Type: Blank **Lab ID: QC1352227** **Batch: 398671**
Matrix: Water **Method: SM 5310B** **Prep Method: SM 5310B**

QC1352227 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.49	03/22/26	03/22/26

Type: Lab Control Sample **Lab ID: QC1352228** **Batch: 398671**
Matrix: Water **Method: SM 5310B** **Prep Method: SM 5310B**

QC1352228 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	23.54	25.00	mg/L	94%		85-115

Type: Matrix Spike **Lab ID: QC1352229** **Batch: 398671**
Matrix (Source ID): Water (555786-001) **Method: SM 5310B** **Prep Method: SM 5310B**

QC1352229 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	32.64	10.88	25.00	mg/L	87%		75-125	1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1352230**	**Batch:**	**398671**
Matrix (Source ID):	**Water (555786-001)**	**Method:**	**SM 5310B**	**Prep Method:**	**SM 5310B**

QC1352230 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	36.41	10.88	25.00	mg/L	102%		75-125	11	25	1

Type:	**Blank**	**Lab ID:**	**QC1352854**	**Batch:**	**398853**
Matrix:	**Water**	**Method:**	**SM2320B**	**Prep Method:**	**METHOD**

QC1352854 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO3	ND		mg/L	2.0		03/25/26	03/25/26
Alkalinity, Total as CaCO3	ND		mg/L	2.0		03/25/26	03/25/26

Type:	**Lab Control Sample**	**Lab ID:**	**QC1352855**	**Batch:**	**398853**
Matrix:	**Water**	**Method:**	**SM2320B**	**Prep Method:**	**METHOD**

QC1352855 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO3	95.29	100.0	mg/L	95%		90-110

Type:	**Sample Duplicate**	**Lab ID:**	**QC1352856**	**Batch:**	**398853**
Matrix (Source ID):	**Water (555786-001)**	**Method:**	**SM2320B**	**Prep Method:**	**METHOD**

QC1352856 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO3	295.3	293.9	mg/L		0	20	2.5
Alkalinity, Total as CaCO3	295.3	293.9	mg/L		0	20	2.5

Type:	**Blank**	**Lab ID:**	**QC1353232**	**Batch:**	**398974**
Matrix:	**Water**	**Method:**	**SM2540C**	**Prep Method:**	**METHOD**

QC1353232 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		03/25/26	03/29/26

Type:	**Lab Control Sample**	**Lab ID:**	**QC1353233**	**Batch:**	**398974**
Matrix:	**Water**	**Method:**	**SM2540C**	**Prep Method:**	**METHOD**

QC1353233 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	992.0	1000	mg/L	99%		90-110

Type:	**Sample Duplicate**	**Lab ID:**	**QC1353234**	**Batch:**	**398974**
Matrix (Source ID):	**Water (555786-001)**	**Method:**	**SM2540C**	**Prep Method:**	**METHOD**

QC1353234 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	986.0	1038	mg/L		5	5	2

Batch QC

Type:	**Sample Duplicate**	**Lab ID:**	**QC1353235**	**Batch:**	**398974**
Matrix (Source ID):	**Water (555786-002)**	**Method:**	**SM2540C**	**Prep Method:**	**METHOD**

QC1353235 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	1,068	978.0	mg/L		9*	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 555786

Subcontracted Products

McCampbell Analytical, Inc.

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2603D21

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: David Tripp
Project P.O.: 096843
Project: EO-555786

Project Location:
Project Received: 03/20/2026

Analytical Report reviewed & approved for release on 03/27/2026 by:

Jena Alfaro
Project Manager

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2603D21

Project: EO-555786

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	The % recovery of Continuing Calibration Verification
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (sample filtered using a 0.45 µm filter size)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
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 (if present) 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
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure

[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.

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2603D21

Project: EO-555786

TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	“Too Numerous to Count;” greater than 250 colonies observed on the plate.
TPH-Diesel	Sample results for semi-volatile TPH (diesel, kerosene, oil, etc) were calculated using a background subtraction procedure to correct for instrument baseline rise (column bleed) as described in Sec 7.7.2.2 of EPA 8015 B, C.
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)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2603D21
Date Received:	03/20/2026 9:20	**Extraction Method:**	RSK175
Date Prepared:	03/26/2026	**Analytical Method:**	RSK175
Project:	EO-555786	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
DW-29	2603D21-001A	Water	03/19/2026 11:35	GC26 0326260104.D	338454

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**13,000**	500	500	10	03/26/2026 15:03

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
DW-31	2603D21-002A	Water	03/19/2026 10:53	GC26 0326260105.D	338454

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**61,000**	2500	2500	50	03/26/2026 15:35

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
FP-01	2603D21-003A	Water	03/19/2026 09:53	GC26 0326260106.D	338454

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**32,000**	2000	2000	40	03/26/2026 16:23

Analyst(s): CLO

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Quality Control Report

Client:	Enthalpy Analytical	**WorkOrder:**	2603D21
Date Prepared:	03/26/2026	**BatchID:**	338454
Date Analyzed:	03/26/2026	**Extraction Method:**	RSK175
Instrument:	GC26	**Analytical Method:**	RSK175
Matrix:	Water	**Unit:**	µg/L
Project:	EO-555786	**Sample ID:**	MB/LCS/LCSD-338454

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	76	72	70-130	4.64	30

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 2603D21 **ClientCode: ENO** **QuoteID: 262776**

☐ WaterTrax ☐ CLIP ☐ EDF ☑ EQuIS ☑ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

☑ Detection Summary ☑ **Excel** [A1_Standard _QC]

Report to:
David Tripp
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
657-581-4710 FAX:

Email: david.tripp@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 096843
Project: EO-555786

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: **03/20/2026**
Date Logged: **03/20/2026**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2603D21-001	DW-29	Water	3/19/2026 11:35	☐	A	A										
2603D21-002	DW-31	Water	3/19/2026 10:53	☐	A	A										
2603D21-003	FP-01	Water	3/19/2026 09:53	☐	A	A										

Test Legend:

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

Project Manager: Jena Alfaro

Prepared by: Teresa Gutierrez

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
Client Contact: David Tripp
Contact's Email: david.tripp@enthalpy.com

Project: EO-555786
Comments

Work Order: 2603D21
QC Level: LEVEL 2
Date Logged: 3/20/2026

☐ 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-29	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	3/19/2026 11:35	5 days	3/27/2026	Present	☐	☐
002A	DW-31	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	3/19/2026 10:53	5 days	3/27/2026	None	☐	☐
003A	FP-01	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	3/19/2026 9:53	5 days	3/27/2026	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.**

Cont./Comp. = Containers /Composites

2603D21

ENTHALPY ANALYTICAL
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: 262776
PO #: PO-096843

Enthalpy Order: EO-555786
PM: David Tripp
Email: david.tripp@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: 657-581-4710

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

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-29	19-MAR-2026 11:35	555786-001	2	Water	RSK-175 CO2	
DW-31	19-MAR-2026 10:53	555786-002	2	Water	RSK-175 CO2	
FP-01	19-MAR-2026 09:53	555786-003	2	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	Alice	GLS
	Date: 3/19/26	Date: 3/19/26
	Date:	Date: 3/20/26 09:20
	Date:	Date:

3.9
IR48

GLS
Trak# 564244416

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Sample Receipt Checklist

Client Name:	Enthalpy Analytical	Date and Time Received:	3/20/2026 09:20
Project:	EO-555786	Date Logged:	3/20/2026
		Received by:	Teresa Gutierrez
WorkOrder №:	2603D21 Matrix: Water	Logged by:	Teresa Gutierrez
Carrier:	Golden State Overnight		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐		
Chain of custody signed when relinquished and received?	Yes	☑	No	☐		
Chain of custody agrees with sample labels?	Yes	☑	No	☐		
Sample IDs noted by Client on COC?	Yes	☑	No	☐		
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐		
Sampler's name noted on COC?	Yes	☑	No	☐		
COC agrees with Quote?	Yes	☑	No	☐	NA	☐
COC quote is active?	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: 3.9°C				NA	☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes	☑	No	☐	NA	☐
Sample labels checked for correct preservation?	Yes	☑	No	☐		
pH acceptable upon receipt (Metal: <2)?	Yes	☐	No	☐	NA	☑

UCMR Samples:

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

Comments:

Attachment B

Prediction Limit Plots

Prediction Limit

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019 Printed 3/13/2026, 5:29 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Alkalinity, Total as CaCO3 (mg/L)	DW-15	232.1	172.3	1/19/2026	190	No	18	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-16	363.1	133.1	1/20/2026	330	No	27	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-17	184	110.7	1/19/2026	140	No	19	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-29	323.6	189.7	1/20/2026	320	No	18	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-9	246.1	98.93	1/19/2026	160	No	8	0	No	0.005	Param Intra
Ammonia-N (mg/L)	DW-15	0.1767	n/a	1/19/2026	0.17	No	18	0	No	0.01	Param Intra
Ammonia-N (mg/L)	DW-16	0.094	n/a	1/20/2026	0.068ND	No	26	92.31	n/a	0.03704	NP Intra (NDs)
Ammonia-N (mg/L)	DW-17	0.041	n/a	1/19/2026	0.068ND	No	18	100	n/a	0.05263	NP Intra (NDs)
Ammonia-N (mg/L)	DW-29	0.073	n/a	1/20/2026	0.068ND	No	18	94.44	n/a	0.05263	NP Intra (NDs)
Ammonia-N (mg/L)	DW-9	0.097	n/a	1/19/2026	0.068ND	No	8	75	n/a	0.1111	NP Intra (NDs)
Ammonia-N (mg/L)	DW-30	0.041	n/a	1/19/2026	0.068ND	No	4	100	n/a	0.2	NP Intra (NDs)
Ammonia-N (mg/L)	DW-31	0.047	n/a	1/20/2026	0.068ND	No	4	75	n/a	0.2	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-15	6	n/a	1/19/2026	2ND	No	17	88.24	n/a	0.05556	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-16	3	n/a	1/20/2026	3J	No	26	84.62	n/a	0.03704	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-17	6	n/a	1/19/2026	2ND	No	18	72.22	n/a	0.05263	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-29	34.88	n/a	1/20/2026	16	No	17	17.65	No	0.01	Param Intra
Chemical Oxygen Demand (mg/L)	DW-9	9	n/a	1/19/2026	7	No	8	62.5	n/a	0.1111	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-30	19.81	n/a	1/19/2026	2ND	No	4	50	No	0.01	Param Intra
Chemical Oxygen Demand (mg/L)	DW-31	120.4	n/a	1/20/2026	23	No	4	0	No	0.01	Param Intra
Chloride (mg/l)	DW-15	82.28	n/a	1/19/2026	74	No	17	0	No	0.01	Param Intra
Chloride (mg/l)	DW-16	118.9	n/a	1/20/2026	100	No	26	0	No	0.01	Param Intra
Chloride (mg/l)	DW-17	165.8	n/a	1/19/2026	150	No	17	0	No	0.01	Param Intra
Chloride (mg/l)	DW-29	112.3	n/a	1/20/2026	98	No	17	0	No	0.01	Param Intra
Chloride (mg/l)	DW-9	103.3	n/a	1/19/2026	78	No	8	0	No	0.01	Param Intra
Chloride (mg/l)	DW-30	74.59	n/a	1/19/2026	58	No	4	0	No	0.01	Param Intra
Chloride (mg/l)	DW-31	167.9	n/a	1/20/2026	84	No	4	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-15	0.18	n/a	1/19/2026	0.05ND	No	17	88.24	n/a	0.05556	NP Intra (NDs)
Nitrate as N (mg/L)	DW-16	2.658	n/a	1/20/2026	2.1	No	26	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-17	1.506	n/a	1/19/2026	0.77	No	19	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-29	4.116	n/a	1/20/2026	2.1	No	17	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-9	2.696	n/a	1/19/2026	2.2	No	8	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-30	2.177	n/a	1/19/2026	0.25	No	4	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-31	0.9592	n/a	1/20/2026	0.65	No	4	25	No	0.01	Param Intra
Potassium (mg/L)	DW-15	5.162	n/a	1/19/2026	2.9	No	18	0	No	0.01	Param Intra
Potassium (mg/L)	DW-16	1.906	n/a	1/20/2026	1.2	No	26	0	No	0.01	Param Intra
Potassium (mg/L)	DW-17	1.502	n/a	1/19/2026	0.65	No	18	0	No	0.01	Param Intra
Potassium (mg/L)	DW-29	2.873	n/a	1/20/2026	1.5	No	18	0	No	0.01	Param Intra
Potassium (mg/L)	DW-9	2.477	n/a	1/19/2026	1.5	No	8	0	No	0.01	Param Intra
Potassium (mg/L)	DW-30	2.844	n/a	1/19/2026	1.59	No	4	0	No	0.01	Param Intra Deseas
Potassium (mg/L)	DW-31	3.51	n/a	1/20/2026	1.5	No	4	0	No	0.01	Param Intra
Sodium (mg/L)	DW-15	504	n/a	1/19/2026	400	No	17	0	No	0.01	Param Intra
Sodium (mg/L)	DW-16	290.9	n/a	1/20/2026	250	No	26	0	No	0.01	Param Intra
Sodium (mg/L)	DW-17	269.7	n/a	1/19/2026	210	No	19	0	No	0.01	Param Intra
Sodium (mg/L)	DW-29	305	n/a	1/20/2026	230	No	17	0	No	0.01	Param Intra
Sodium (mg/L)	DW-9	559.9	n/a	1/19/2026	370	No	8	0	No	0.01	Param Intra
Sodium (mg/L)	DW-30	241.4	n/a	1/19/2026	190	No	4	0	No	0.01	Param Intra
Sodium (mg/L)	DW-31	191.5	n/a	1/20/2026	120	No	4	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-15	1732	n/a	1/19/2026	1500	No	17	0	No	0.01	Param Intra
Sulfate (mg/L)	**DW-16**	**219.2**	**n/a**	**1/20/2026**	**230**	**Yes**	**26**	**0**	**No**	**0.01**	**Param Intra**
Sulfate (mg/L)	DW-17	207.6	n/a	1/19/2026	180	No	17	0	No	0.01	Param Intra

Prediction Limit

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019 Printed 3/13/2026, 5:30 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Sulfate (mg/L)	DW-29	459.4	n/a	1/20/2026	414	No	17	0	No	0.01	Param Intra Deseas
Sulfate (mg/L)	DW-9	750	n/a	1/19/2026	690	No	8	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-30	421	n/a	1/19/2026	300	No	4	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-31	623.6	n/a	1/20/2026	400	No	4	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-15	2540	n/a	1/19/2026	2400	No	17	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-16	864.9	n/a	1/20/2026	790	No	26	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-17	718.6	n/a	1/19/2026	680	No	17	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-29	1107	n/a	1/20/2026	1000	No	17	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-9	1502	n/a	1/19/2026	1300	No	8	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-30	1017	n/a	1/19/2026	770	No	4	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-31	1779	n/a	1/20/2026	1000	No	4	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-15	6.139	n/a	1/19/2026	1.9	No	18	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-16	4.783	n/a	1/20/2026	1.8	No	26	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-17	5.405	n/a	1/19/2026	0.9J	No	19	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-29	13.52	n/a	1/20/2026	7.6	No	18	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-9	7.824	n/a	1/19/2026	1.9	No	8	0	No	0.01	Param Intra

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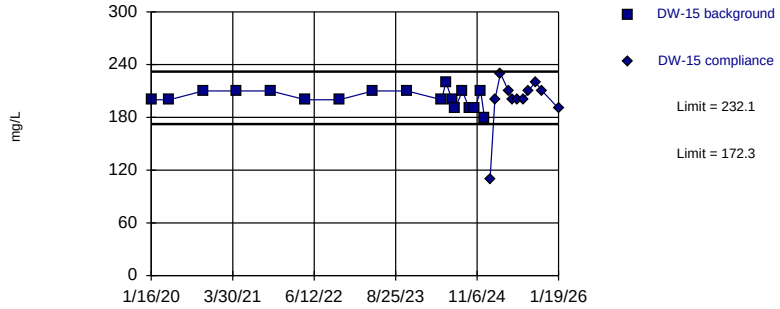
Within Limits

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 3/13/2026 5:27 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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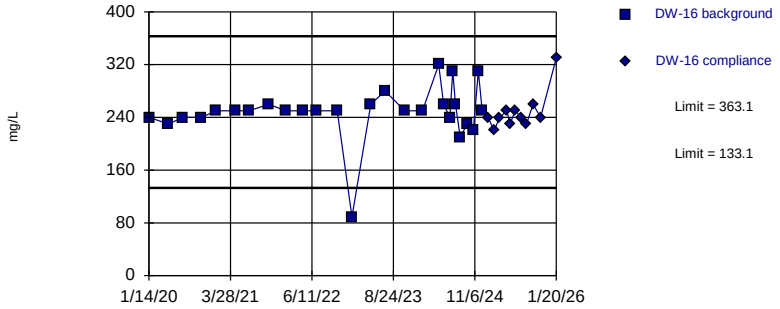
Within Limits

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 3/13/2026 5:27 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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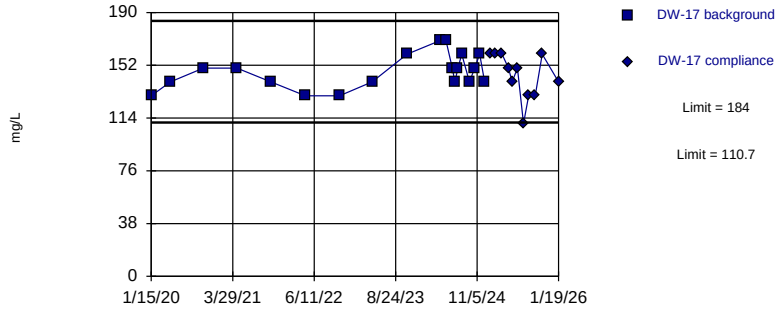
Within Limits

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 3/13/2026 5:27 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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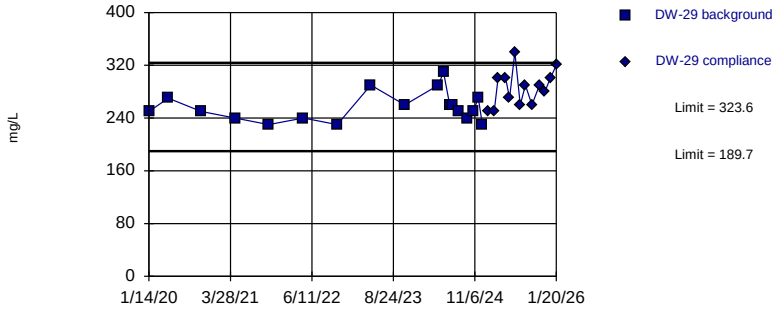
Within Limits

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 3/13/2026 5:27 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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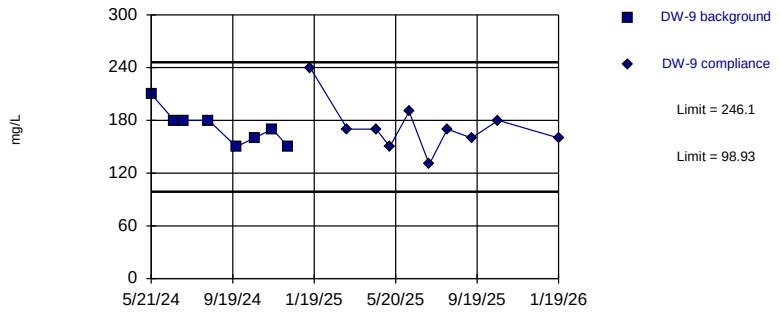
Within Limits

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 3/13/2026 5:27 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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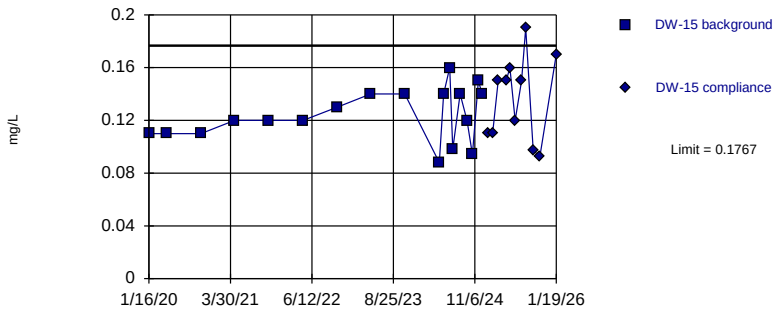
Within Limit

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 3/13/2026 5:27 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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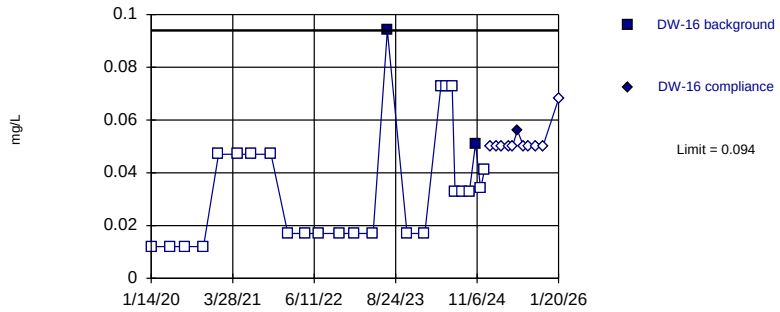
Hollow symbols indicate censored values.

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.

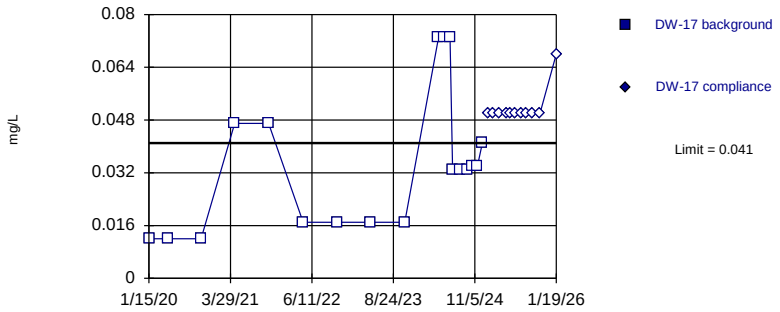
Constituent: Ammonia-N Analysis Run 3/13/2026 5:27 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.06 Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

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.

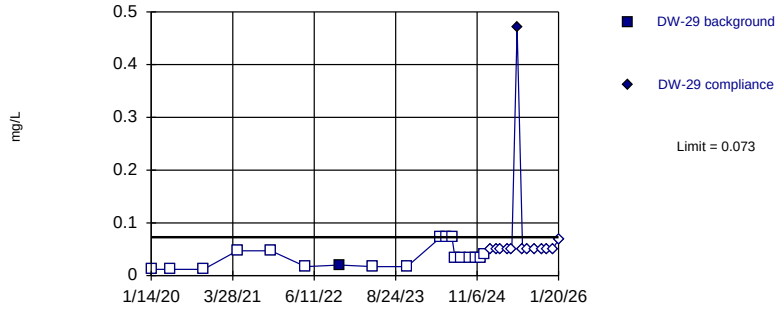
Constituent: Ammonia-N Analysis Run 3/13/2026 5:27 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.06 Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

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.

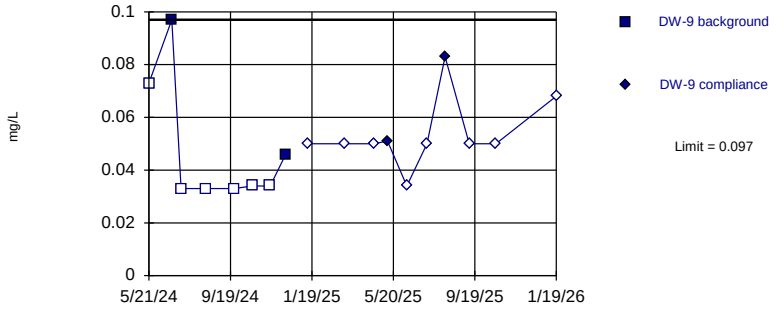
Constituent: Ammonia-N Analysis Run 3/13/2026 5:27 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.06 Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

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.

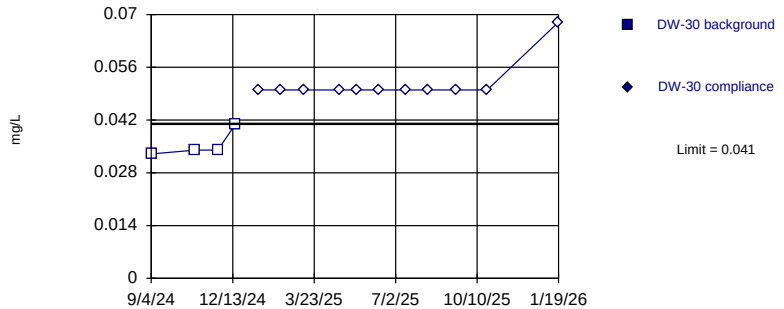
Constituent: Ammonia-N Analysis Run 3/13/2026 5:27 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.06 Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 4) were censored; limit is most recent reporting limit. Report alpha = 0.2. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Ammonia-N Analysis Run 3/13/2026 5:27 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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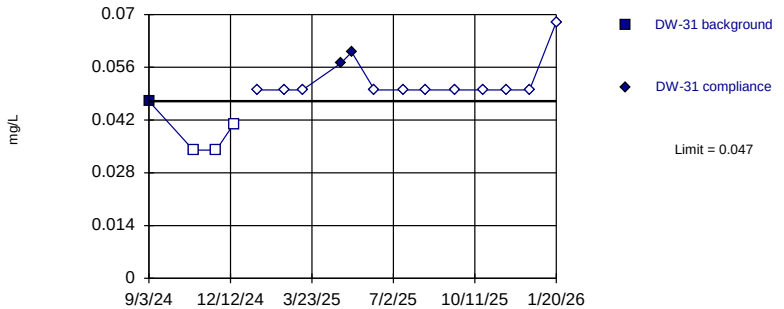
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 4 background values. 75% NDs. Report alpha = 0.2. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

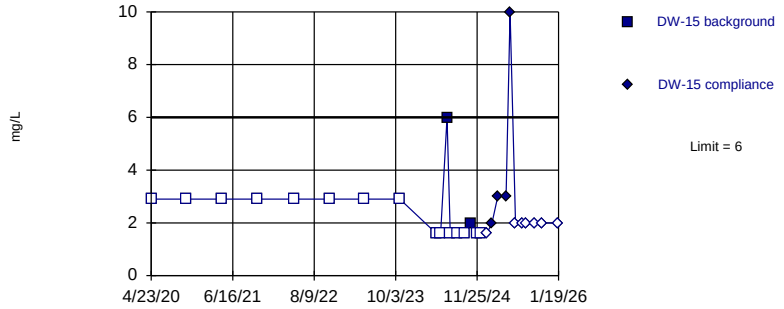
Constituent: Ammonia-N Analysis Run 3/13/2026 5:27 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.06 Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

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.

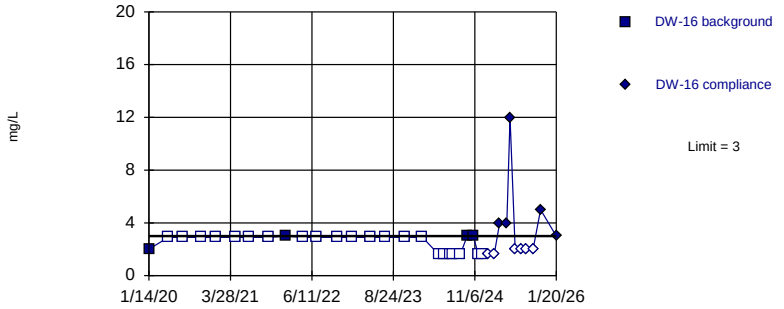
Constituent: Chemical Oxygen Demand Analysis Run 3/13/2026 5:27 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.06 Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

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 3/13/2026 5:27 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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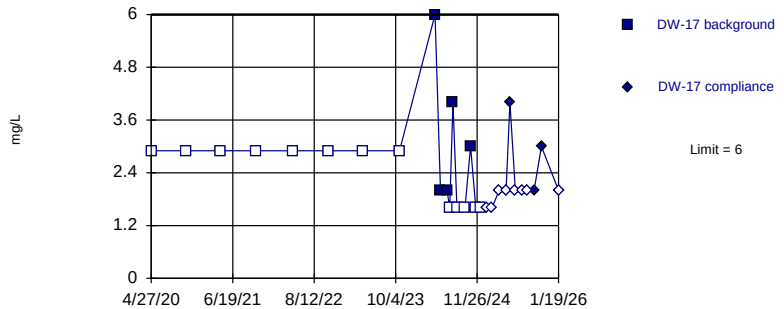
Hollow symbols indicate censored values.

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 3/13/2026 5:27 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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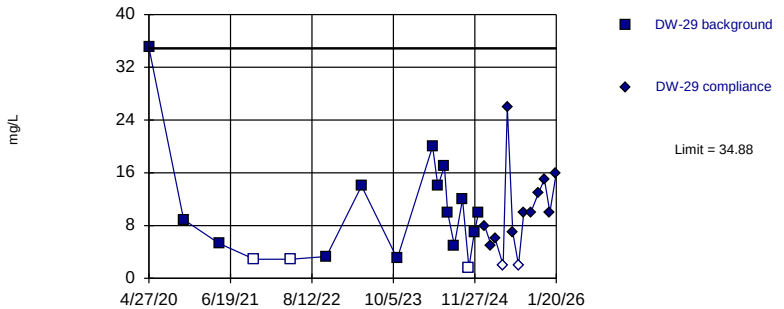
Hollow symbols indicate censored values.

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.

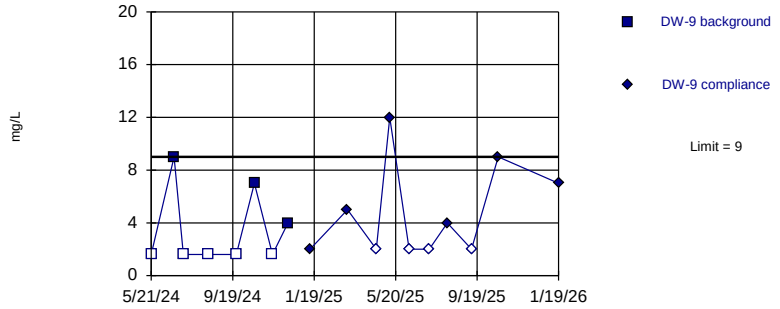
Constituent: Chemical Oxygen Demand Analysis Run 3/13/2026 5:27 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.06 Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

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.

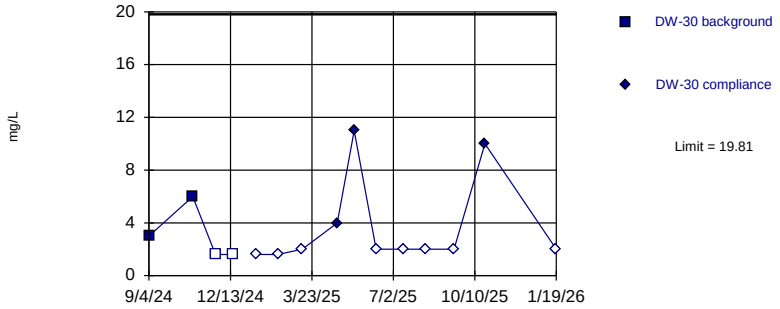
Constituent: Chemical Oxygen Demand Analysis Run 3/13/2026 5:27 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.06 Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Cohen`s Adjustment): Mean=1.625, Std. Dev.=3.583, n=4, 50% NDs. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chemical Oxygen Demand Analysis Run 3/13/2026 5:27 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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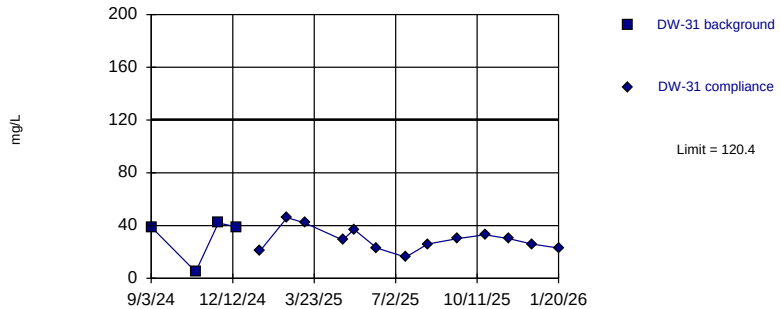
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=31.25, Std. Dev.=17.56, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chemical Oxygen Demand Analysis Run 3/13/2026 5:27 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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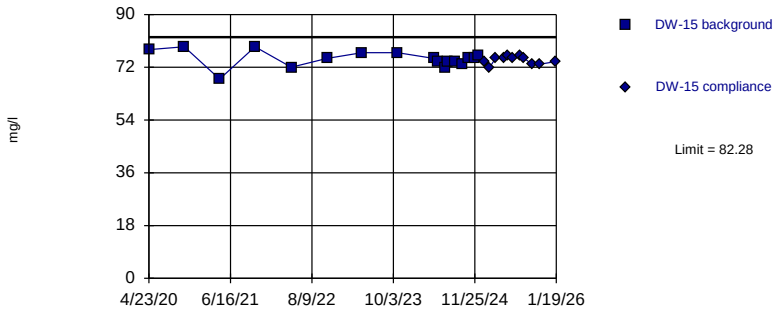
Within Limit

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 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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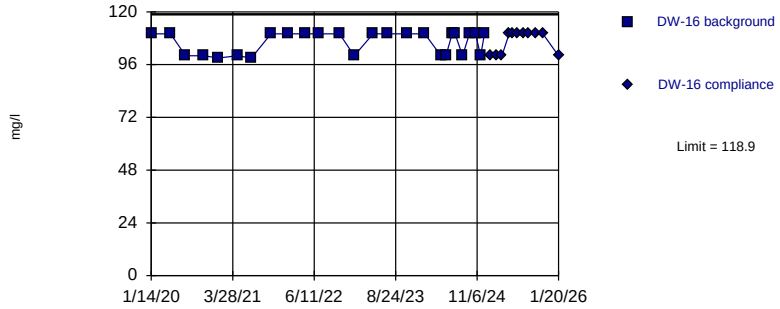
Within Limit

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.

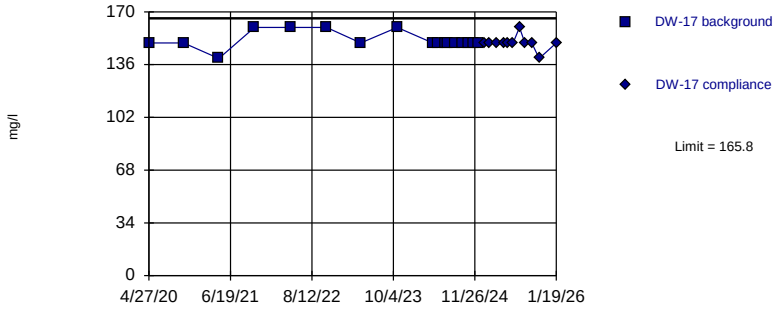
Constituent: Chloride Analysis Run 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.06 Software licensed to Environmental Applications, Inc. CA

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 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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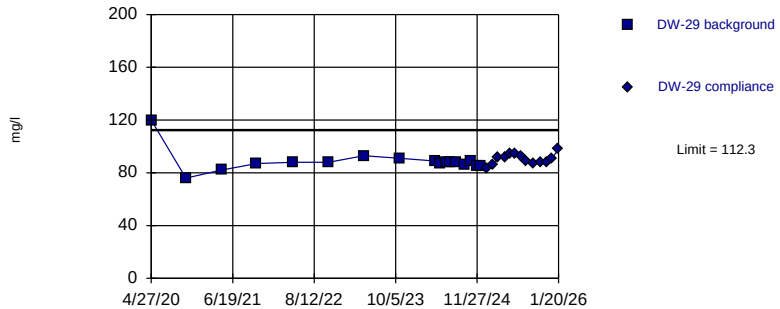
Within Limit

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 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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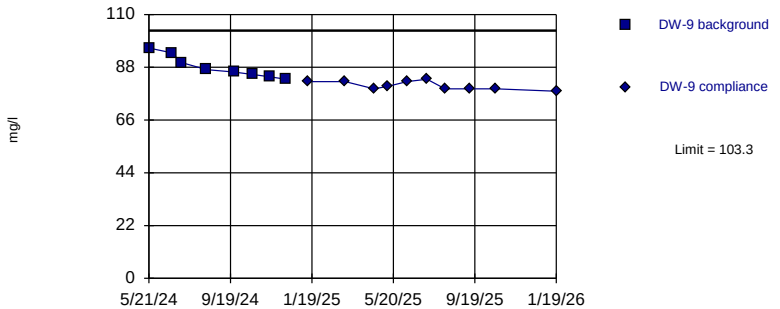
Within Limit

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 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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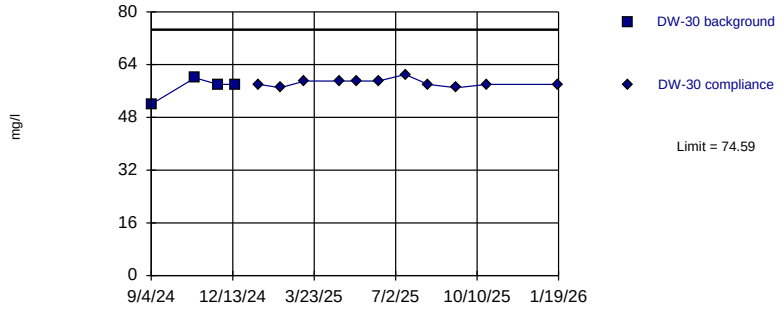
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=57, Std. Dev.=3.464, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

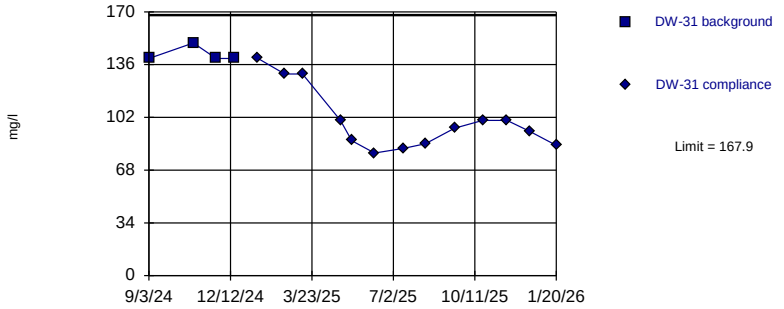
Constituent: Chloride Analysis Run 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.06 Software licensed to Environmental Applications, Inc. CA

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=142.5, Std. Dev.=5, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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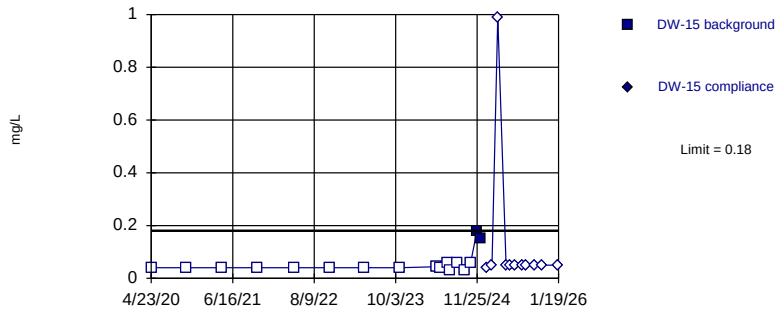
Hollow symbols indicate censored values.

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 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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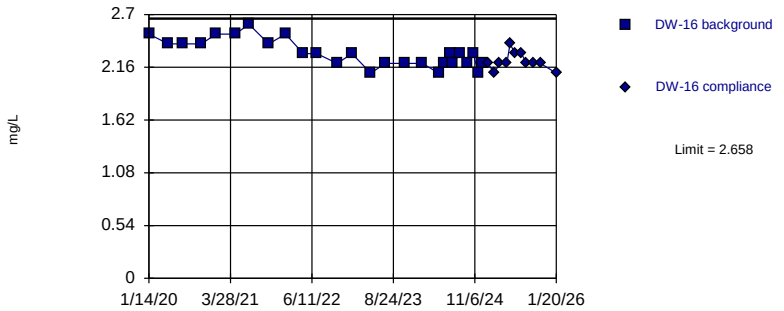
Within Limit

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.

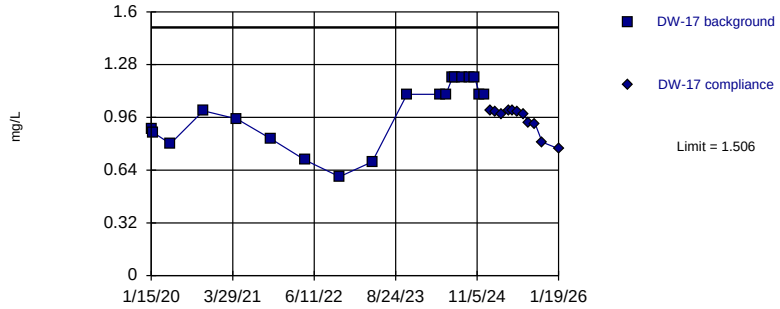
Constituent: Nitrate as N Analysis Run 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.06 Software licensed to Environmental Applications, Inc. CA

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 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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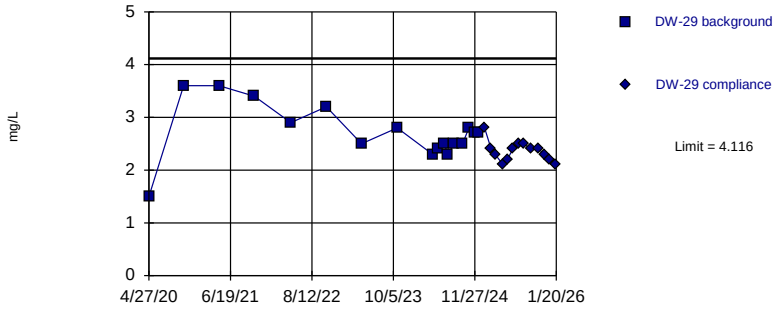
Within Limit

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 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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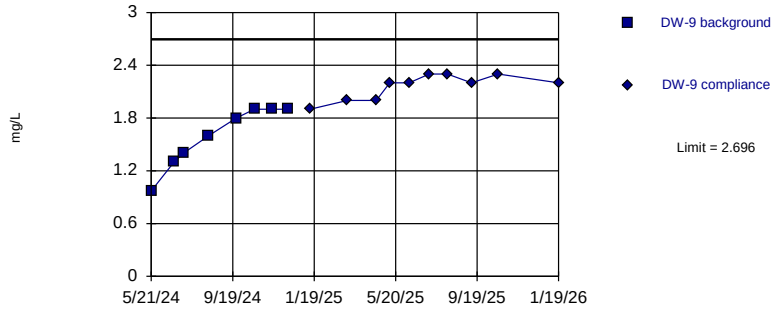
Within Limit

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 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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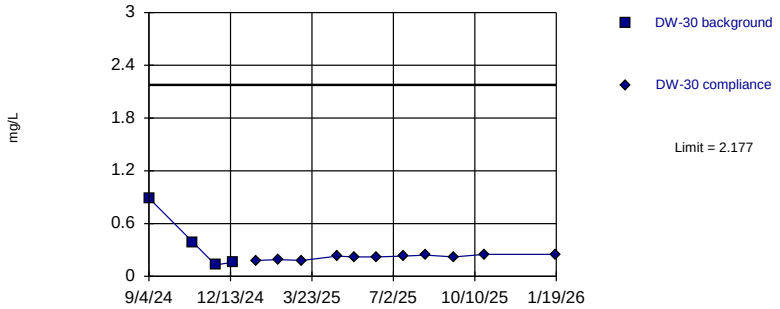
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.3925, Std. Dev.=0.3514, n=4. 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 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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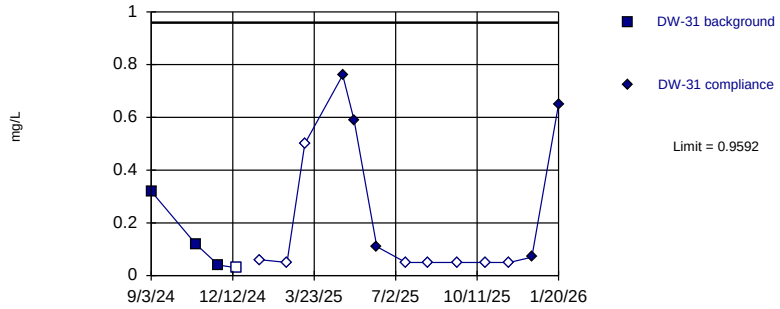
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Cohen`s Adjustment): Mean=0.09929, Std. Dev.=0.1694, n=4, 25% NDs. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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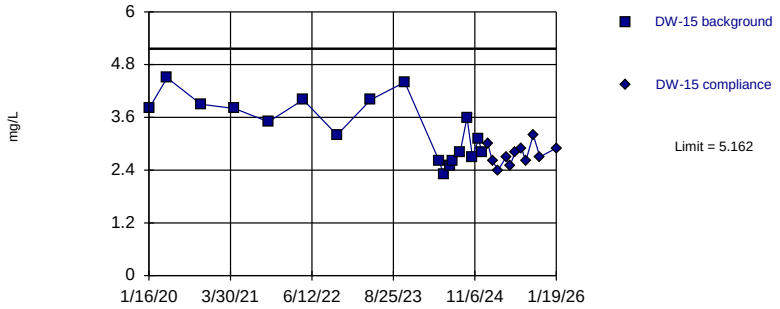
Within Limit

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 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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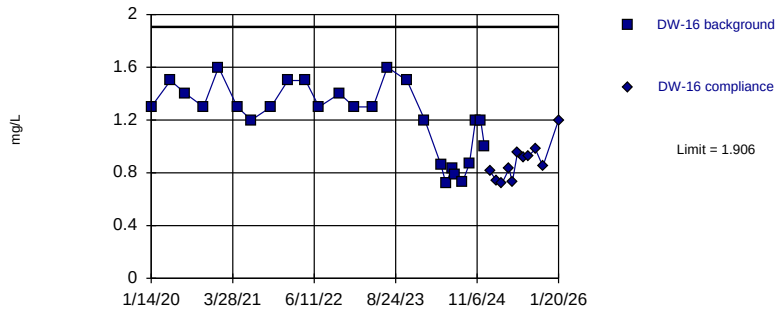
Within Limit

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 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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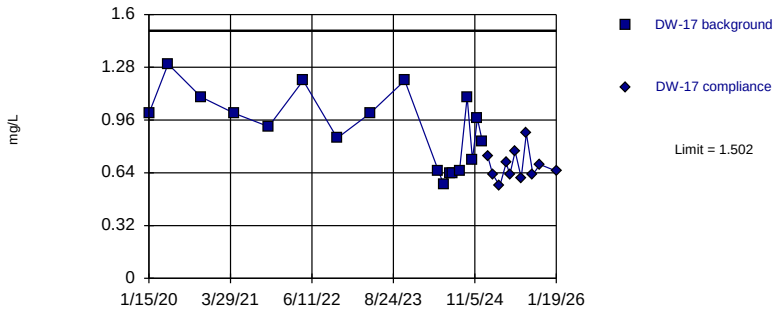
Within Limit

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 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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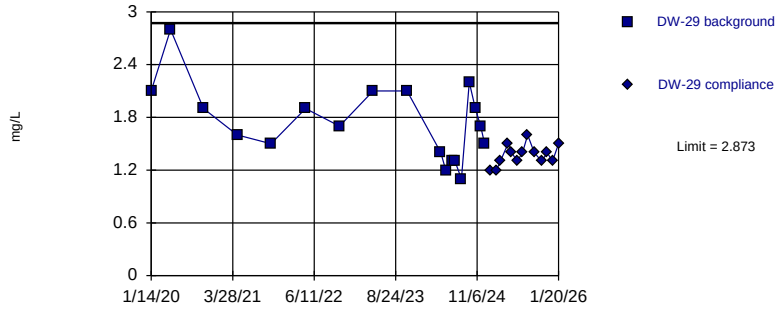
Within Limit

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 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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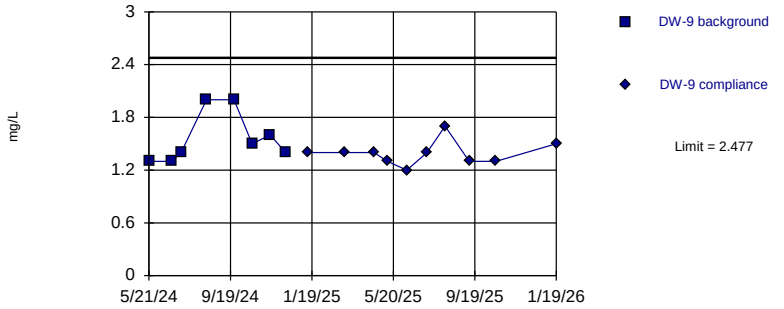
Within Limit

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 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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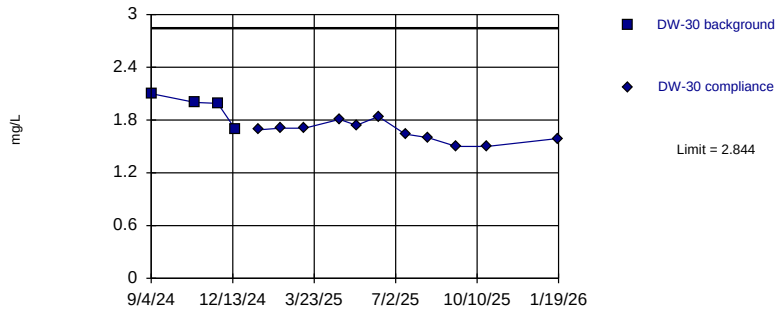
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.945, Std. Dev.=0.1771, n=4. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Potassium Analysis Run 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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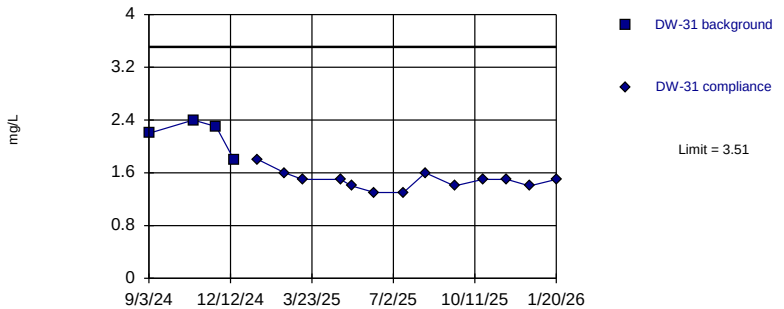
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.175, Std. Dev.=0.263, n=4. 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 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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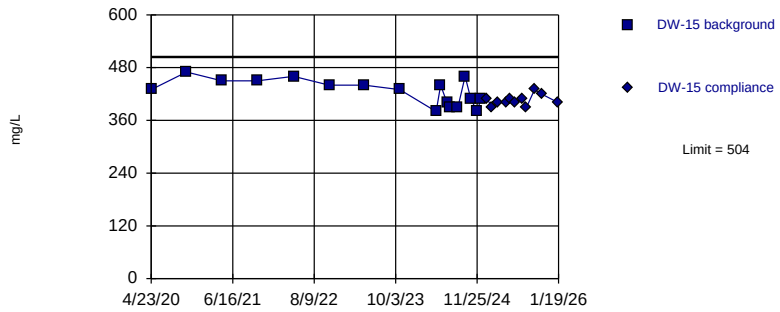
Within Limit

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 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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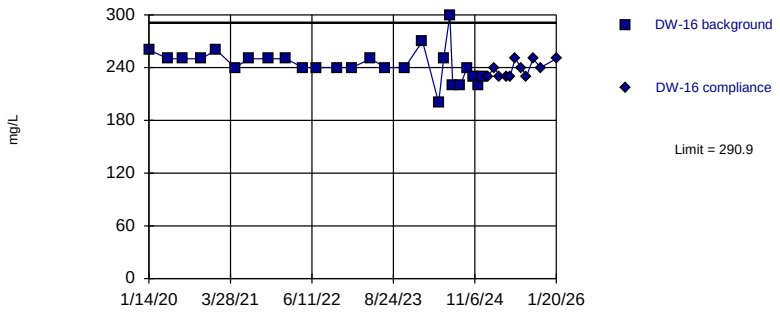
Within Limit

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 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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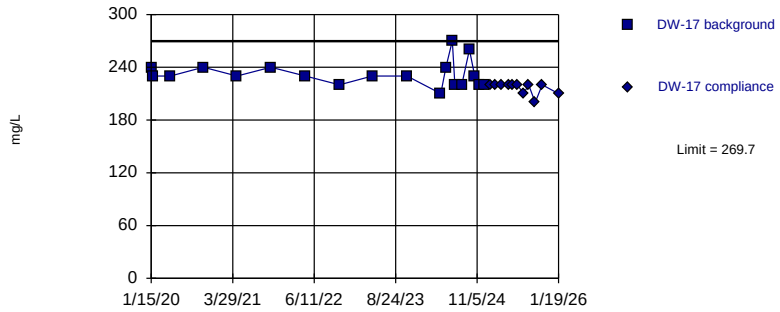
Within Limit

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 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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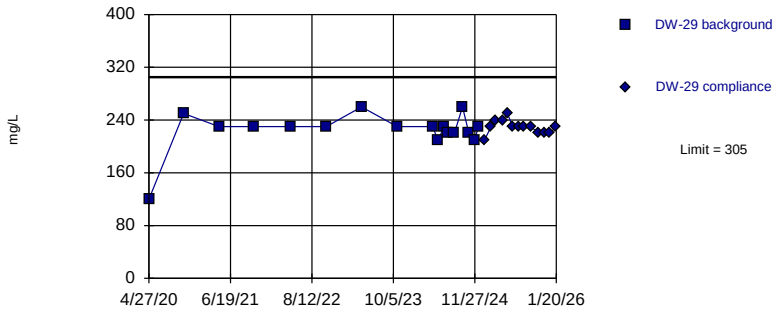
Within Limit

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 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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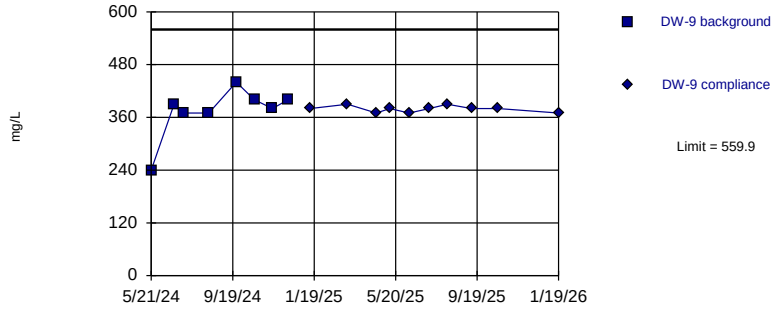
Within Limit

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 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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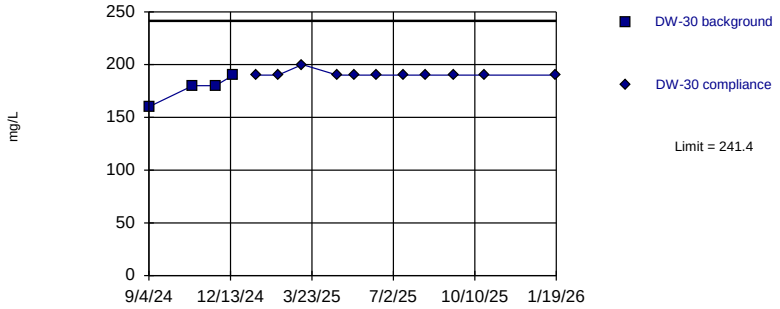
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=177.5, Std. Dev.=12.58, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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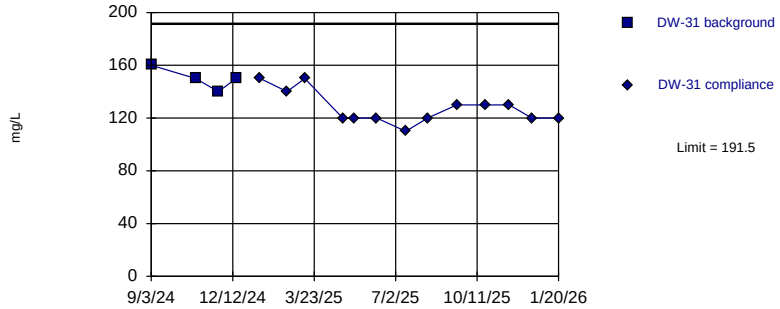
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=150, Std. Dev.=8.165, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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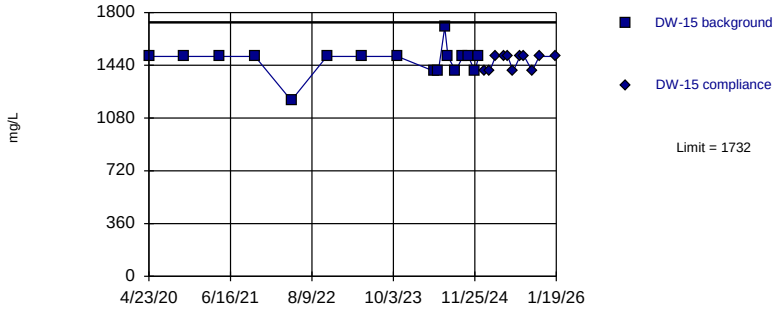
Within Limit

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 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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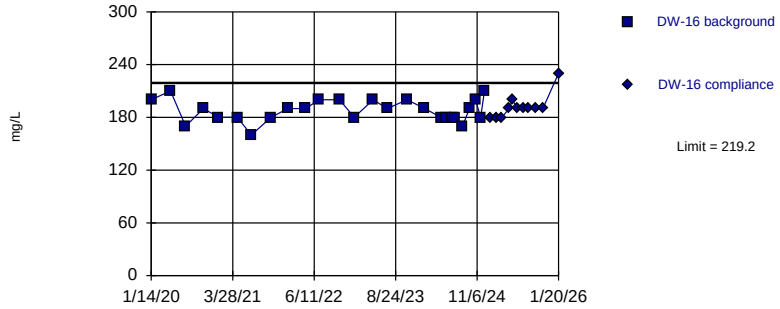
Exceeds Limit

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 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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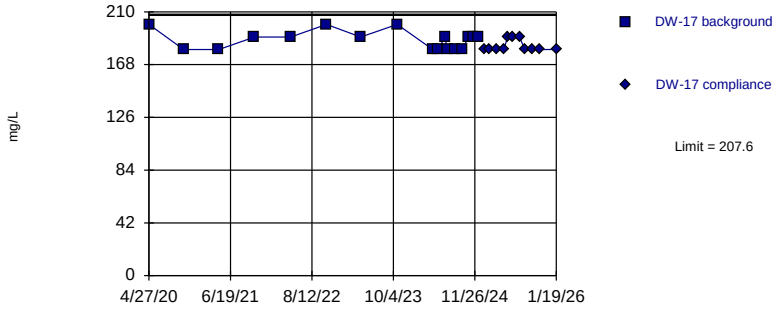
Within Limit

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 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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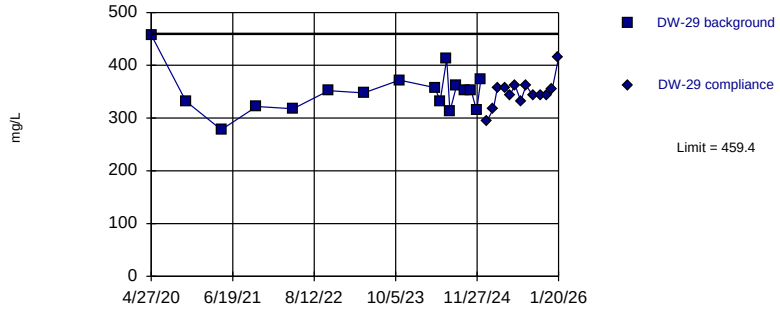
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=349.9, Std. Dev.=41.21, n=17. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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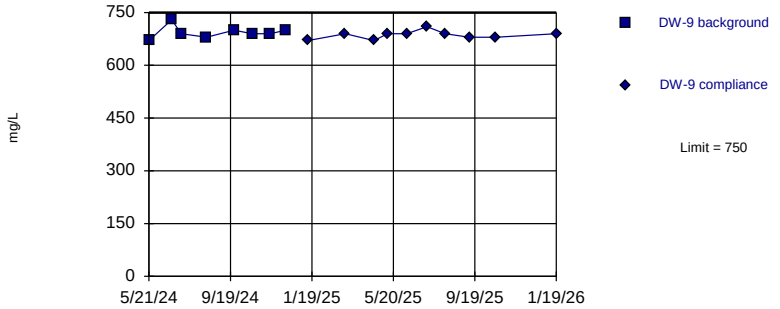
Within Limit

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 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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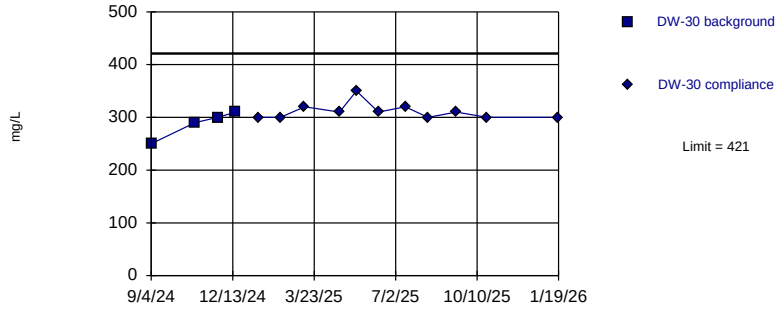
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=287.5, Std. Dev.=26.3, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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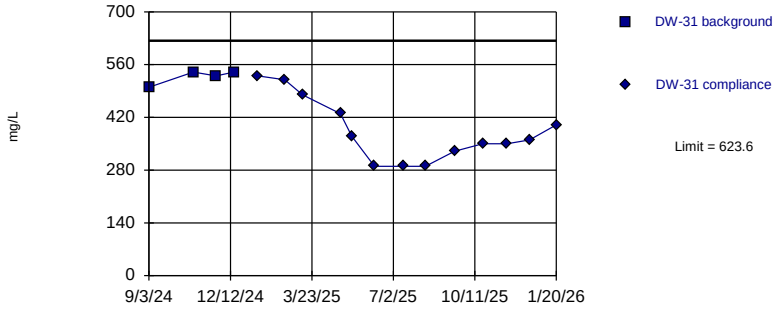
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=527.5, Std. Dev.=18.93, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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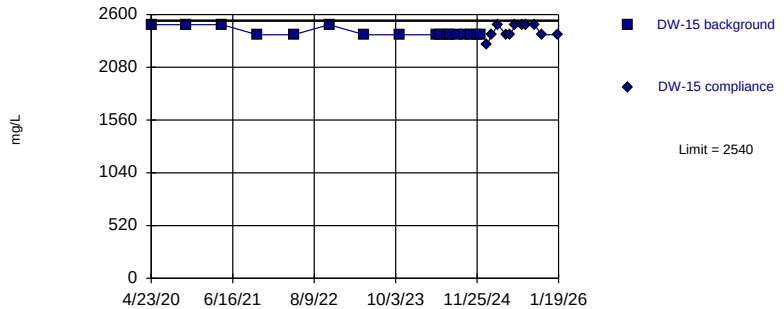
Within Limit

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 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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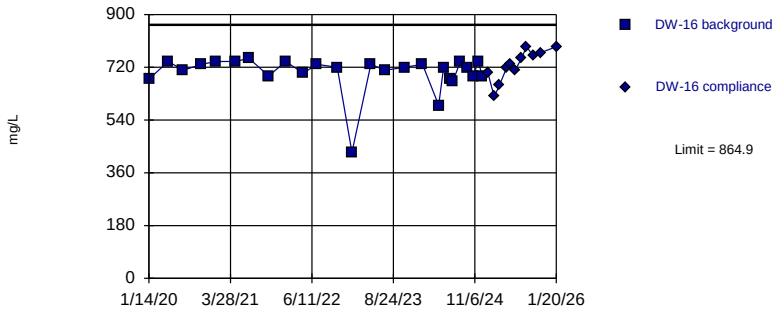
Within Limit

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 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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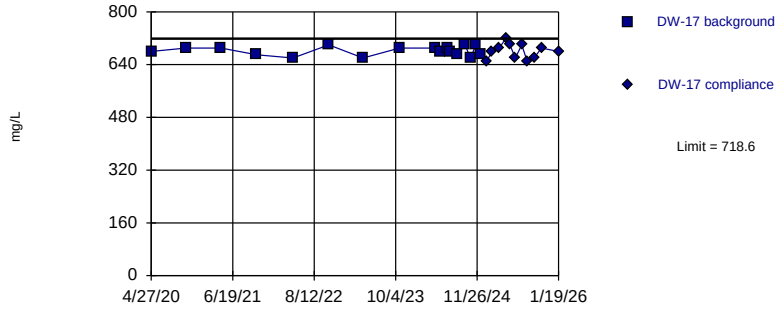
Within Limit

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 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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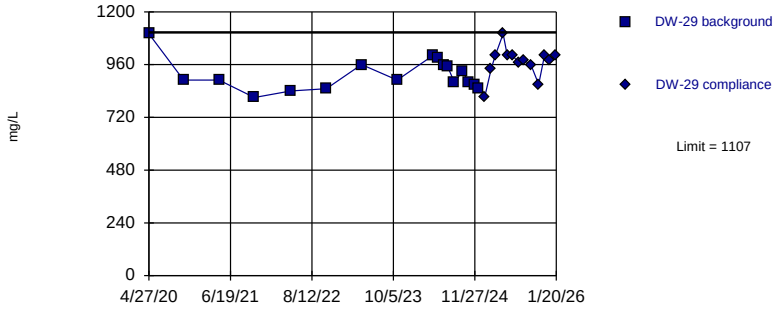
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=914.1, Std. Dev.=72.46, 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 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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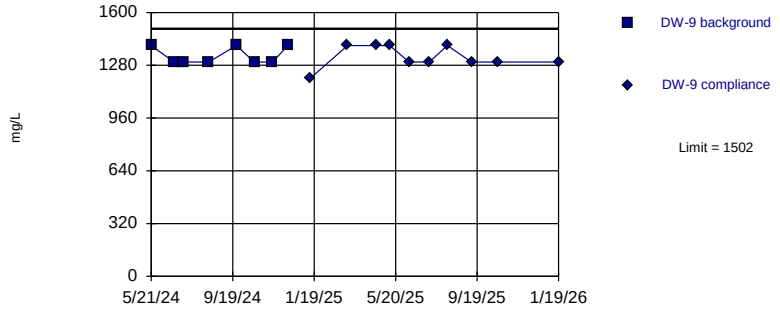
Within Limit

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 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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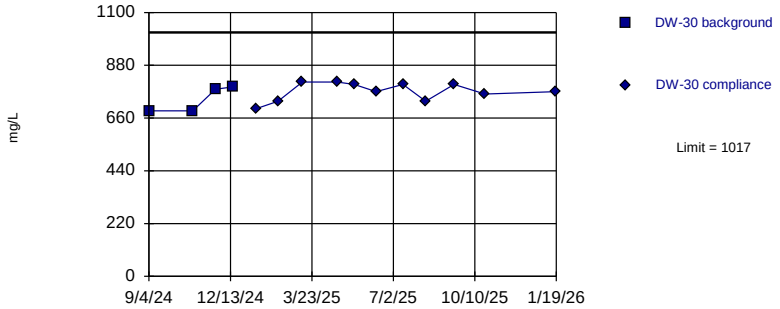
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=737.5, Std. Dev.=55, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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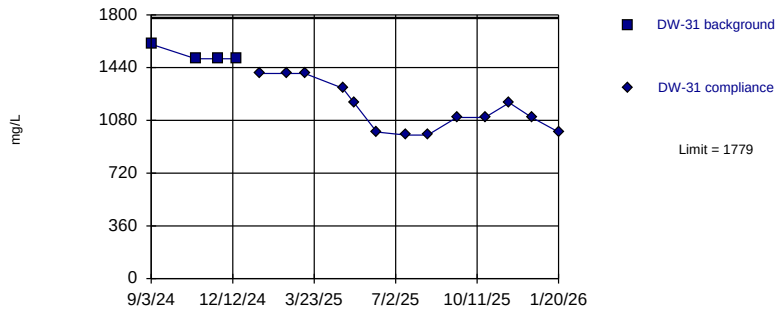
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1525, Std. Dev.=50, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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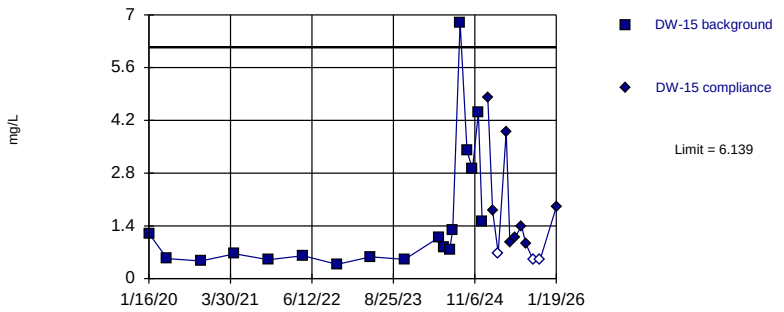
Hollow symbols indicate censored values.

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 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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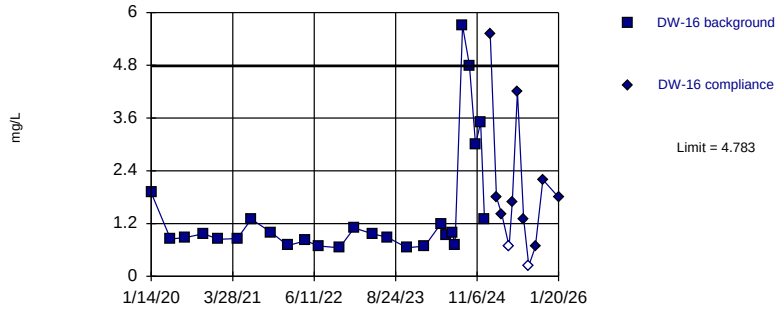
Hollow symbols indicate censored values.

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 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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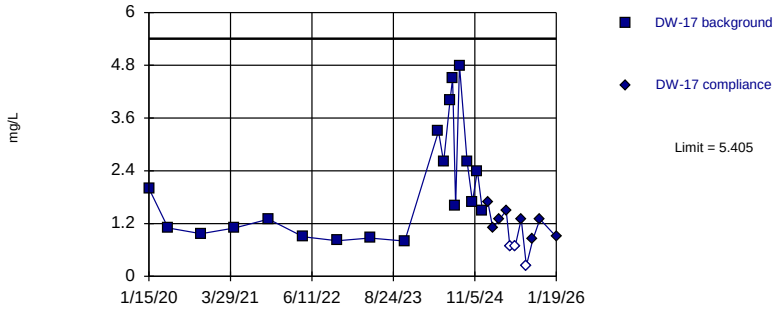
Hollow symbols indicate censored values.

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 3/13/2026 5:28 PM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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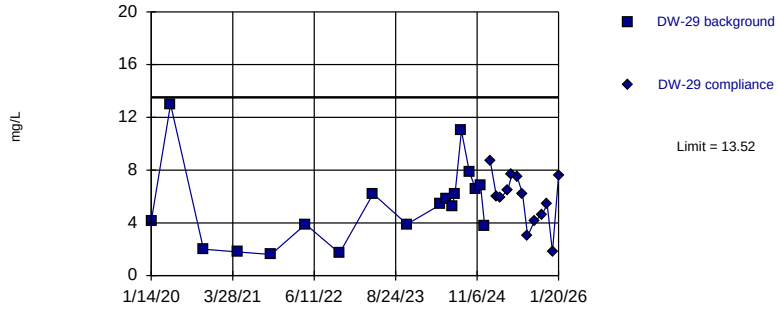
Within Limit

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 3/13/2026 5:28 PM View: Stats - EMP

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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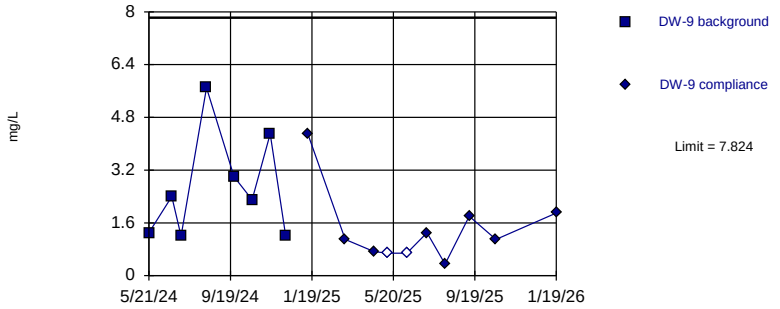
Hollow symbols indicate censored values.

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 3/13/2026 5:28 PM View: Stats - EMP

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019