



October 17, 2025

Enrique Casas
Los Angeles Regional Water Quality Control Board
320 W. 4th Street, Suite 200
Los Angeles, California 90013
enrique.casas@waterboards.ca.gov

Re: Investigative Order No. R4-2024-0010
Los Angeles Regional Water Quality Control Board

Dear Mr. Casas:

This submittal has been prepared for the Los Angeles Regional Water Quality Control Board ("Regional Board"), by Chiquita Canyon, LLC ("Chiquita") as required by the Investigative Order No. R4-2024-0010 (the "Order"), issued by the Regional Board on March 20, 2024. Pursuant to Conditions 1(g) and (j) of the Order, Chiquita produces the following information regarding a storm event that began on September 18, 2025, which resulted in a discharge into the South Detention Basin ("Basin").

I. Post-Storm Event Assessment and Geosynthetic Cover Analysis

Condition 1(g) of the Order requires the following:

For storms that produce a discharge into the sedimentation basin, a post-storm event assessment and report on the effectiveness of the geosynthetic cover that will be installed over a portion of the area impacted by the reaction to prevent leachate from commingling with stormwater until the elevated Landfill temperature condition has resolved. This report is due 30 days after the first day of the storm event that produces a discharge.

On September 18, 2025, a storm event began which caused a discharge into the Basin through the eastern and western inlets on the same day. No discharge occurred out of the Basin. Chiquita followed protocol pursuant to its updated Storm Water Pollution Prevention Plan ("SWPPP") and related best management practices, including those outlined in Section 6.6 of the SWPPP, to minimize and prevent leachate migration with stormwater runoff into onsite discharge channels, drain inlets, and inlets to the Basin. Chiquita also conducted sampling pursuant to Condition 1(j) as discussed below.

The reaction area at the landfill has been covered with approximately 60-acres of 30-mil high density polyethylene and 60-mil ethylene vinyl alcohol/high density polyethylene geomembrane cover ("cover") to reduce landfill surface emissions, prevent soil erosion, and mitigate against

Mr. Enrique Casas
Los Angeles Regional Water Quality Control Board

leachate commingling with stormwater runoff. Additionally, twice daily inspections are performed of this area to assess the effectiveness of the cover, including identifying any leachate seeps, cover integrity concerns, or stormwater discharges into and out of the Basin. At the time of this discharge event, the cover was observed to be effective at preventing leachate commingling with stormwater runoff, among its other intended purposes.

II. Discharge Sampling Analysis

Condition 1(j) of the Order requires the following:

The Discharger must sample and submit the analysis of any and all discharges into and out of the south sedimentation basin. Analytes shall include parameters identified in the effluent limitation guidelines in Subchapter N, Subpart B—RCRA Subtitle D Non-Hazardous Waste Landfills, Mpars, parameters the Discharger is required to sample per the Industrial General Permit including TMDL related requirements in Attachment E, and Appendix II constituents. All results must be submitted to the Los Angeles Water Board within 30 days of the first day of the discharge event.

In accordance with Condition 1(j) of the Order, Chiquita collected samples representative of discharge into the Basin from the eastern and western inlets on September 18, 2025. The results are attached hereto as Attachment A.

During storm events, stormwater runoff enters the two-stage sedimentation basin via the eastern and western inlets prior to any potential discharge. The two-stage sedimentation basin is designed to fully capture runoff from typical storm events, which allows for sedimentation of suspended solids and other contaminants associated with suspended solids. Clarified stormwater typically either evaporates, infiltrates, or is used for dust suppression. As approved by the Regional Board in January 2025 and further outlined in Section 4 of the SWPPP, clarified stormwater from the second stage—depending on the circumstances and weather forecasts—may be discharged manually utilizing a pump to allow for controlled discharge and give capacity for runoff from future storm events. During non-typical intense or prolonged storm events, stormwater runoff may also discharge off-site via gravity.

During this storm event, stormwater entered the two-stage sedimentation basin via the eastern and western inlets, but did not discharge off-site. Therefore, the attached results are not indicative of discharge off-site and are only indicative of stormwater prior to sedimentation in the on-site basin.

* * * * *

Regards

Amanda Froman

Amanda Froman
Compliance Manager
Chiquita Canyon, LLC

Mr. Enrique Casas
Los Angeles Regional Water Quality Control Board

Attachment A – Discharge Sampling Results (for 2025-09-18)

cc: (via email)
Kate Logan, Chiquita
Matt Breuer, Chiquita
Pavlova Vitale, Los Angeles Regional Water Quality Control Board
Robert Ragland, Los Angeles County Department of Public Health
Liza Frias, Los Angeles County Department of Public Health
Nichole Quick, M.D., Los Angeles County Department of Public Health
Ken Habaradas, Los Angeles County Department of Public Health
Karen Gork, LEA
Eric Morofuji, LEA
Renee Jensen, LEA Counsel
Blaine McPhillips, County Counsel
Emiko Thompson, Los Angeles County Public Works
Alex Garcia, Los Angeles County Department of Regional Planning
Philip Chen, Los Angeles County Department of Regional Planning
Steven Jareb, Los Angeles County Department of Regional Planning
Wes Mindermann, CalRecycle
Janelle Heinzler, CalRecycle
Jeff Lindberg, California Air Resources Board
Vanessa Aguila, California Air Resources Board
Jack Cheng, South Coast Air Quality Management District
Larry Israel, South Coast Air Quality Management District
Tyler Holybee, United States Environmental Protection Agency
Mark Anthony Relon, United States Environmental Protection Agency
Laura Friedli, United States Environmental Protection Agency

Attachment A



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

enthalpy.com

Lab Job Number : 542490
Report Level : II
Report Date : 10/14/2025
Revision : 1 (See narrative)

Analytical Report *prepared for:*

Kate Logan
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: CCLF STORMWATER - Chiquita Canyon Stormwater

Authorized for release by:

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

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

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

Sample Summary

Kate Logan	Lab Job #:	542490
Waste Connections	Project No:	CCLF STORMWATER
Chiquita Canyon Landfill	Location:	Chiquita Canyon Stormwater
29201 Henry Mayo	Date Received:	09/18/25
Drive		
Castaic, CA 91384		

Sample ID	Lab ID	Collected	Matrix
SOUTH BASIN - WESTERN INLET	542490-001	09/18/25 08:15	Water
SOUTH BASIN - EASTERN INLET	542490-002	09/18/25 08:45	Water
TRIP BLANK 1 - SAMPLE 1	542490-003	09/18/25 00:00	Water
TRIP BLANK 2 - SAMPLE 1	542490-004	09/18/25 00:00	Water
TRIP BLANK 3 SAMPLE 2	542490-005	09/18/25 00:00	Water
TRIP BLANK 4 - SAMPLE 2	542490-006	09/18/25 00:00	Water

Case Narrative

Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384
Kate Logan

Lab Job Number: 542490
Project No: CCLF STORMWATER
Location: Chiquita Canyon
Stormwater
Date Received: 09/18/25

- This data package contains sample and QC results for two water samples, requested for the above referenced project on 09/18/25. The samples were received in good condition.
- This report was revised on 10/14/25 to include subcontracted 8151 and 8290 data.

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

- SOUTH BASIN - WESTERN INLET (lab # 542490-001) and SOUTH BASIN - EASTERN INLET (lab # 542490-002) had pH greater than 2.
- No other analytical problems were encountered.

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

No analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 625.1):

- Benzoic acid was detected between the MDL and the RL in the method blank for batch 382347; this analyte was not detected in samples at or above the RL.
- No other analytical problems were encountered.

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

No analytical problems were encountered.

Pesticides (EPA 8081A):

No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):

No analytical problems were encountered.

PCBs (EPA 8082):

No analytical problems were encountered.

Metals (EPA 200.7, EPA 200.8, and EPA 245.1):

No analytical problems were encountered.

Ion Chromatography (EPA 300.0):

No analytical problems were encountered.

Conductivity (SM2510B):

No analytical problems were encountered.

Total Oil & Grease (HEM) (EPA 1664A):

- Matrix spikes were not performed for this analysis due to insufficient sample volume.
- No analytical problems were encountered.

Total Phenolics (EPA 420.1):

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.

Total Suspended Solids (TSS) (SM2540D):

No analytical problems were encountered.

Chemical Oxygen Demand (SM5220D):

No analytical problems were encountered.

Biochemical Oxygen Demand (SM5210B):

No analytical problems were encountered.

Turbidity (SM2130B):

No analytical problems were encountered.

Cyanide - Semi-Automated Method (SM 4500-CN-E and SM 4500-CN-E):

No analytical problems were encountered.

Coliform - 9221 Tests (SM 9221B and SM 9221F):

No analytical problems were encountered.

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

- Low recovery was observed for ammonia-N in the MS for batch 382894; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

Organophosphorus Pesticides (EPA 8141A):

Pace Laboratories in Bakersfield, CA performed the analysis (see sublab report section for certifications). Please see the Pace Laboratories case narrative.

8151A Chlorinated Herbicides (EPA 8151A):

McC Campbell Analytical, Inc. in Pittsburg, CA performed the analysis (NELAP certified). Please see the McC Campbell Analytical, Inc. case narrative.

RSK-175 CO2 (RSK-175):

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

Dioxins & Furans (EPA 8290):

Enthalpy - El Dorado Hills in El Dorado Hills, CA performed the analysis (see sublab report section for certifications). Please see the Enthalpy - El Dorado Hills case narrative.

EPA 625.1 (EPA 625.1):

Pace Analytical - Mt. Juliet in Mt. Juliet, TN performed the analysis (see sublab report section for certifications). Please see the Pace Analytical - Mt. Juliet case narrative.

 Enthalpy Analytical - Orange 931 W. Barkley Avenue, Orange, CA 92868 Phone 714-771-6900		Chain of Custody Record Lab No: 542490 Page: 1 of 3			Turn Around Time (rush by advanced notice only) Standard: X 5 Day: 1 Day: 3 Day: Custom TAT:																						
		Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other			Preservatives: 1 = Na ₂ S ₂ O ₃ 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other Sample Receipt Temp: 2.7/2.8 1.11 3.7/3.8 1.2 3.8/3.9 3.9/4.0 (lab use only)																						
CUSTOMER INFORMATION Company: Chiquita Canyon, LLC Report To: Kate Logan Email: kate.logan@wasteconnections.com Address: 29201 Henry Mayo Drive Castaic, CA 91384 Phone: 682-559-3880 Fax:				PROJECT INFORMATION Name: SW - Inlets Number: P.O. #: Address: 29201 Henry Mayo Drive Castaic, CA 91384 Global ID: Sampled By: CH, DZ				Analysis Request 200.7/200.8 Metals (see comments) 245.1 Mercury 4500-CN-E Cyanide 8081 Pesticides / 8082 PCBs 8141 Organophosphorous Pesticides 8151 Herbicides 8260 VOCs 8260 Acrolein/Acrylonitrile 8270C 8290 2,3,7,8-TCDD				Test Instructions / Comments 200.8 - Ag, As, B, Ba, Be, Cd, Co, Cr, Cu, Ni, Mn, Pb, Sb, Se, Sn, Ti, V, Zn 200.7 - Fe, Ca, K, Mg, Na Additional email recipients: matt.breuer@wasteconnections.com stormwater@wasteconnections.com tmb@swteng.com aav@swteng.com Direct invoices to: Maribel Bolanos (661) 257-3665															
Sample ID 1 South Basin - Western Inlet 2 South Basin - Eastern Inlet 3 4 5 6 7 8 9 10				Sampling Date 09/18/25 09/18/25				Sampling Time 0815 0845				Matrix W W				Container No. / Size 38 38				Pres. 6,2,4,1 6,2,4,1				 Login 542490 			
Signature Denan Mayo				Print Name Denan Mayo				Company / Title CTE/H EP				Date / Time 9-18-25 1515 9-18-25 1515															
1 Relinquished By:				2 Relinquished By:				3 Relinquished By:				3 Received By:															



Enthalpy Analytical - Orange
931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Chain of Custody Record

Lab No: **542490**
Page: **2** of **3**

Turn Around Time (rush by advanced notice only)

Standard: ☒ 5 Day: ☐ 3 Day: ☐
2 Day: ☐ 1 Day: ☐ Custom TAT: ☐

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

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

Sample Receipt Temp:
(lab use only)

CUSTOMER INFORMATION

Company: Chiquita Canyon, LLC
Report To: Kate Logan
Email: kate.logan@wasteconnections.com
Address: 29201 Henry Mayo Drive
Castaic, CA 91384
Phone: 682-559-3880
Fax:
Name:
Number:
P.O. #:
Address: 29201 Henry Mayo Drive
Castaic, CA 91384
Global ID:
Sampled By: CH, DZ

PROJECT INFORMATION

SW - Inlets
Container No. / Size:
Matrix:
Sampling Time:
Pres.:
Sample ID:
South Basin - Western Inlet
South Basin - Eastern Inlet

Analysis Request

SM4500-52-D Total Sulfide
420.1 Total Phenolics
1664A Oil and Grease
9221B Total Coliform
9221F E. Coli
300.0 Cl, Br, F, NO₃, NO₂, SO₄
2540D TSS
5310B TOC
8270 SIM 1,4-Dioxane
SM2320B Alkalinity

Test Instructions / Comments

Additional email recipients:
matt.breuer@wasteconnections.com
stormwater@wasteconnections.com
tmb@swteng.com
aav@swteng.com
Direct invoices to:
Maribel Bolanos
(661) 257-3665

Signature

Print Name

Company / Title

Date / Time

1 Relinquished By:

Devan Zajac

DEVAN ZAJAC

CTEH

9-18-25 1515

1 Received By:

JKE

EA

9-18-25 1515

2 Relinquished By:

2 Received By:

3 Relinquished By:

3 Received By:

Chain of Custody Record				Turn Around Time (rush by advanced notice only)											
Lab No: 542490				Standard: X 5 Day: 3 Day:											
Page: 3 of 3				2 Day: Custom TAT:											
Enthalpy Analytical - Orange 931 W. Barkley Avenue, Orange, CA 92868 Phone 714-771-6900				Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other				Preservatives: 1 = Na ₂ S ₂ O ₃ 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other				Sample Receipt Temp: (lab use only)			
CUSTOMER INFORMATION				PROJECT INFORMATION				Analysis Request				Test Instructions / Comments			
Company:	Chiquita Canyon, LLC	Name:	SW - Inlets									625.1 - Benzoic Acid, Pyridine, Phenol, 2-methylphenol, 3,4-methylphenol, Cresol, Naphthalene, alpha-terpineol Additional email recipients: matt.breuer@wasteconnections.com stormwater@wasteconnections.com tmb@swteng.com aav@swteng.com Direct invoices to: Maribel Bolanos (661) 257-3665			
Report To:	Kate Logan	Number:													
Email:	kate.logan@wasteconnections.com	P.O. #:													
Address:	29201 Henry Mayo Drive	Address:	29201 Henry Mayo Drive												
	Castaic, CA 91384		Castaic, CA 91384												
Phone:	682-559-3880	Global ID:													
Fax:		Sampled By:	CH, DZ												
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	SM5220D Chemical Oxygen Demand	SM2510B Specific Conductance	RSK-175 Carbon Dioxide	2540E TDS	SM2130B Turbidity	350.1 Ammonia	625.1 - See Comments	625.1 Alpha-Terpineol	SM5210B BOD	
1 South Basin - Western Inlet	09/18/25	0815	W	38	6,2,4,1	X	X	X	X	X	X	X	X	X	
2 South Basin - Eastern Inlet	09/18/25	0845	W	38	6,2,4,1	X	X	X	X	X	X	X	X	X	
3															
4															
5															
6															
7															
8															
9															
10															
Signature		Print Name		Company / Title		Date / Time									
Devan Zajac		Devan Zajac		CTEH		9-18-25 1515									
Relinquished By:															
Received By:		JLR		GP		9-18-25 1515									
Relinquished By:															
Received By:															
Relinquished By:															
Received By:															

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 9/18/25 WO# 542490 Client: Waste Connections

Section 2: Shipping / Custody

Are custody seals present? ☐ Yes ☒ No

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

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

Section 3a: Condition / Packaging

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

Date Opened 9/18/25 By (initials) JXR Type of ice used: ☐ Wet ☐ Blue/Gel ☐ None

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

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

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR 11 CF: 10.1

Cooler Temp (°C) #1: 2.7 / 2.8 #2: 3.7 / 3.8 #3: 3.8 / 3.9 #4: 3.9 / 4.0 #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)?	<u>①</u> X	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?	<u>①</u> X	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?	<u>①</u> X	X	

Section 5: Explanations / Comments

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

4.5: Received 4x sets of trip blanks (1 per cooler) that were not on the CoC.
4.10: Received Microtests with 1hr for -001 and 1.5hrs for -002 hold time remaining.
4.3: -004: Trip Blank 2 - Sample 1: 2 of 2 vials received with broken caps, vials are empty.
4.13: Headspace > 6mm present in: -003: 1 of 2 vials.
-005: 1 of 2 vials.

☐ No additional discrepancies

Date Logged 9/18/25

By (print) ABD

(sign) ABD

Date Labeled 9/18/25

By (print) GCK

(sign) ABD

for GCK

Analysis Results for 542490

Kate Logan
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 542490
Project No: CCLF STORMWATER
Location: Chiquita Canyon Stormwater
Date Received: 09/18/25

Sample ID:	Lab ID: 542490-001	Collected: 09/18/25 08:15
SOUTH BASIN - WESTERN INLET	Matrix: Water	

542490-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 1664A Prep Method: METHOD										
Total Oil and Grease	ND		mg/L	4.9	0.95	0.98	383073	09/28/25	09/29/25	JAG
Method: EPA 200.7 Prep Method: EPA 3015A										
Calcium	31		mg/L	1.0	0.57	1	382392	09/19/25	09/19/25	KAM
Iron	0.78		mg/L	0.10	0.041	1	382392	09/19/25	09/19/25	KAM
Magnesium	3.5		mg/L	0.10	0.025	1	382392	09/19/25	09/19/25	KAM
Potassium	4.9		mg/L	0.50	0.42	1	382392	09/19/25	09/19/25	KAM
Sodium	17		mg/L	0.50	0.34	1	382392	09/19/25	09/19/25	KAM
Method: EPA 200.8 Prep Method: EPA 3015A										
Antimony	1.7	J	ug/L	2.0	0.31	1	382402	09/19/25	09/19/25	KAM
Arsenic	4.9		ug/L	2.0	0.22	1	382402	09/19/25	09/19/25	KAM
Barium	21		ug/L	5.0	0.46	1	382402	09/19/25	09/19/25	KAM
Beryllium	ND		ug/L	1.0	0.076	1	382402	09/19/25	09/19/25	KAM
Boron	140		ug/L	100	56	10	382402	09/19/25	09/19/25	KAM
Cadmium	ND		ug/L	1.0	0.26	1	382402	09/19/25	09/19/25	KAM
Chromium	2.7	J	ug/L	5.0	0.34	1	382402	09/19/25	09/19/25	KAM
Cobalt	1.3		ug/L	1.0	0.074	1	382402	09/19/25	09/19/25	KAM
Copper	9.3		ug/L	5.0	2.0	1	382402	09/19/25	09/19/25	KAM
Lead	0.93	J	ug/L	5.0	0.16	1	382402	09/19/25	09/19/25	KAM
Manganese	49		ug/L	10	4.3	1	382402	09/19/25	09/19/25	KAM
Nickel	4.2	J	ug/L	5.0	0.84	1	382402	09/19/25	09/19/25	KAM
Selenium	ND		ug/L	10	5.0	1	382402	09/19/25	09/22/25	KAM
Silver	ND		ug/L	5.0	0.51	1	382402	09/19/25	09/19/25	KAM
Thallium	ND		ug/L	1.0	0.19	1	382402	09/19/25	09/19/25	KAM
Tin	ND		ug/L	5.0	0.49	1	382402	09/19/25	09/19/25	KAM
Vanadium	6.9		ug/L	5.0	0.36	1	382402	09/19/25	09/19/25	KAM
Zinc	9.2	J	ug/L	10	7.4	1	382402	09/19/25	09/19/25	KAM
Method: EPA 245.1 Prep Method: EPA 245.1										
Mercury	0.21	J	ug/L	0.40	0.032	1	382351	09/19/25	09/19/25	MLL
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	ND		mg/L	0.20	0.073	1	382322	09/18/25 20:30	09/19/25 06:49	KUM
Chloride	11		mg/L	1.0	0.27	1	382322	09/18/25 20:30	09/19/25 06:49	KUM
Nitrogen, Nitrite	0.03	J	mg/L	0.10	0.02	1	382322	09/18/25 20:30	09/19/25 06:49	KUM

Analysis Results for 542490

542490-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromide	0.070	J	mg/L	0.30	0.060	1	382322	09/18/25 20:30	09/19/25 06:49	KUM
Nitrogen, Nitrate	3.6		mg/L	0.10	0.05	1	382322	09/18/25 20:30	09/19/25 06:49	KUM
Sulfate	43		mg/L	1.0	0.18	1	382322	09/18/25 20:30	09/19/25 06:49	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	1.8		mg/L	0.10	0.050	1	382894	09/25/25	09/29/25	JAK
Method: EPA 420.1 Prep Method: METHOD										
Total Phenolics	0.043		mg/L	0.010	0.0047	1	382769	09/24/25	09/24/25	LVL
Method: EPA 625.1 Prep Method: EPA 3510C										
Pyridine	ND		ug/L	9.4	1.6	0.94	382347	09/19/25	09/20/25	ZFA
Phenol	1.7	J	ug/L	9.4	1.6	0.94	382347	09/19/25	09/20/25	ZFA
2-Methylphenol	ND		ug/L	9.4	3.1	0.94	382347	09/19/25	09/20/25	ZFA
3-,4-Methylphenol	ND		ug/L	9.4	2.9	0.94	382347	09/19/25	09/20/25	ZFA
Benzoic acid	38	B,J	ug/L	47	7.2	0.94	382347	09/19/25	09/20/25	ZFA
Naphthalene	ND		ug/L	9.4	3.6	0.94	382347	09/19/25	09/20/25	ZFA
Cresol	ND		ug/L	9.4		0.94	382347	09/19/25	09/20/25	ZFA
Method: EPA 8081A Prep Method: EPA 3510C										
alpha-BHC	ND		ug/L	0.05	0.01	1.1	382462	09/20/25	09/21/25	MES
beta-BHC	ND		ug/L	0.05	0.01	1.1	382462	09/20/25	09/21/25	MES
gamma-BHC	ND		ug/L	0.05	0.009	1.1	382462	09/20/25	09/21/25	MES
delta-BHC	ND		ug/L	0.05	0.01	1.1	382462	09/20/25	09/21/25	MES
Heptachlor	ND		ug/L	0.05	0.01	1.1	382462	09/20/25	09/21/25	MES
Aldrin	ND		ug/L	0.05	0.01	1.1	382462	09/20/25	09/21/25	MES
Heptachlor epoxide	ND		ug/L	0.05	0.01	1.1	382462	09/20/25	09/21/25	MES
Endosulfan I	ND		ug/L	0.05	0.01	1.1	382462	09/20/25	09/21/25	MES
Dieldrin	ND		ug/L	0.1	0.01	1.1	382462	09/20/25	09/21/25	MES
4,4'-DDE	ND		ug/L	0.1	0.01	1.1	382462	09/20/25	09/21/25	MES
Endrin	ND		ug/L	0.1	0.01	1.1	382462	09/20/25	09/21/25	MES
Endosulfan II	ND		ug/L	0.1	0.02	1.1	382462	09/20/25	09/21/25	MES
Endosulfan sulfate	ND		ug/L	0.1	0.01	1.1	382462	09/20/25	09/21/25	MES
4,4'-DDD	0.02	#,C,J	ug/L	0.1	0.01	1.1	382462	09/20/25	09/21/25	MES
Endrin aldehyde	ND		ug/L	0.1	0.02	1.1	382462	09/20/25	09/21/25	MES
Endrin ketone	ND		ug/L	0.1	0.02	1.1	382462	09/20/25	09/21/25	MES
4,4'-DDT	ND		ug/L	0.1	0.04	1.1	382462	09/20/25	09/21/25	MES
Methoxychlor	ND		ug/L	0.1	0.03	1.1	382462	09/20/25	09/21/25	MES
Toxaphene	ND		ug/L	2.1	0.5	1.1	382462	09/20/25	09/21/25	MES
Chlordane (Technical)	ND		ug/L	1.1	0.2	1.1	382462	09/20/25	09/21/25	MES
Surrogates				Limits						
TCMX	58%		%REC	29-120		1.1	382462	09/20/25	09/21/25	MES
Decachlorobiphenyl	62%		%REC	33-132		1.1	382462	09/20/25	09/21/25	MES
Method: EPA 8082 Prep Method: EPA 3510C										
Aroclor-1016	ND		ug/L	0.53	0.32	1.1	382462	09/20/25	09/21/25	MES
Aroclor-1221	ND		ug/L	0.53	0.49	1.1	382462	09/20/25	09/21/25	MES
Aroclor-1232	ND		ug/L	0.53	0.28	1.1	382462	09/20/25	09/21/25	MES
Aroclor-1242	ND		ug/L	0.53	0.30	1.1	382462	09/20/25	09/21/25	MES

Analysis Results for 542490

542490-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Aroclor-1248	ND		ug/L	0.53	0.25	1.1	382462	09/20/25	09/21/25	MES
Aroclor-1254	ND		ug/L	0.53	0.28	1.1	382462	09/20/25	09/21/25	MES
Aroclor-1260	ND		ug/L	0.53	0.34	1.1	382462	09/20/25	09/21/25	MES
Aroclor-1262	ND		ug/L	0.53	0.31	1.1	382462	09/20/25	09/21/25	MES
Aroclor-1268	ND		ug/L	0.53	0.27	1.1	382462	09/20/25	09/21/25	MES
Surrogates			Limits							
Decachlorobiphenyl (PCB)	66%		%REC	28-138		1.1	382462	09/20/25	09/21/25	MES
Method: EPA 8260B Prep Method: EPA 5030B										
Carbon Disulfide	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
Chloroprene	ND		ug/L	200	2.7	1	382436	09/20/25	09/20/25	LYZ
3-Chloropropene	ND		ug/L	5.0	0.2	1	382436	09/20/25	09/20/25	LYZ
Ethyl methacrylate	ND		ug/L	50	3.9	1	382436	09/20/25	09/20/25	LYZ
Ethanol	ND		ug/L	500	160	1	382436	09/20/25	09/20/25	LYZ
2-Hexanone	ND		ug/L	5.0	1.3	1	382436	09/20/25	09/20/25	LYZ
Isopropanol (IPA)	ND		ug/L	200	96	1	382436	09/20/25	09/20/25	LYZ
Methyl acrylonitrile	ND		ug/L	35	4.2	1	382436	09/20/25	09/20/25	LYZ
Vinyl Acetate	ND		ug/L	50	3.2	1	382436	09/20/25	09/20/25	LYZ
Acrolein	ND		ug/L	200	2.6	1	382436	09/20/25	09/20/25	LYZ
Acrylonitrile	ND		ug/L	10	0.7	1	382436	09/20/25	09/20/25	LYZ
Freon 12	ND		ug/L	5.0	0.2	1	382436	09/20/25	09/20/25	LYZ
Chloromethane	ND		ug/L	5.0	0.09	1	382436	09/20/25	09/20/25	LYZ
Vinyl Chloride	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
Bromomethane	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
Chloroethane	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
Iodomethane	ND		ug/L	5.0		1	382436	09/20/25	09/20/25	LYZ
Acetone	29	J	ug/L	100	14	1	382436	09/20/25	09/20/25	LYZ
Freon 113	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
Methylene Chloride	ND		ug/L	10	0.2	1	382436	09/20/25	09/20/25	LYZ
MTBE	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	382436	09/20/25	09/20/25	LYZ
2-Butanone	12		ug/L	10	1.3	1	382436	09/20/25	09/20/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	382436	09/20/25	09/20/25	LYZ
Chloroform	ND		ug/L	5.0	0.08	1	382436	09/20/25	09/20/25	LYZ
Bromochloromethane	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	382436	09/20/25	09/20/25	LYZ
Benzene	ND		ug/L	1.0	0.1	1	382436	09/20/25	09/20/25	LYZ
Trichloroethene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
1,2-Dichloropropane	ND		ug/L	5.0	0.09	1	382436	09/20/25	09/20/25	LYZ
Bromodichloromethane	ND		ug/L	5.0	0.07	1	382436	09/20/25	09/20/25	LYZ
Dibromomethane	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
4-Methyl-2-Pentanone	ND		ug/L	10	1.0	1	382436	09/20/25	09/20/25	LYZ
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
Toluene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	382436	09/20/25	09/20/25	LYZ

Analysis Results for 542490

542490-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
1,3-Dichloropropane	ND		ug/L	5.0	0.07	1	382436	09/20/25	09/20/25	LYZ
Tetrachloroethene	ND		ug/L	5.0	0.2	1	382436	09/20/25	09/20/25	LYZ
Dibromochloromethane	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
Chlorobenzene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	1	382436	09/20/25	09/20/25	LYZ
Ethylbenzene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
m,p-Xylenes	ND		ug/L	5.0	0.2	1	382436	09/20/25	09/20/25	LYZ
o-Xylene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
Styrene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
Bromoform	ND		ug/L	5.0	0.06	1	382436	09/20/25	09/20/25	LYZ
Isopropylbenzene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	1	382436	09/20/25	09/20/25	LYZ
Propylbenzene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
Bromobenzene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
4-Chlorotoluene	ND		ug/L	5.0	0.2	1	382436	09/20/25	09/20/25	LYZ
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	382436	09/20/25	09/20/25	LYZ
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	382436	09/20/25	09/20/25	LYZ
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	382436	09/20/25	09/20/25	LYZ
n-Butylbenzene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	1	382436	09/20/25	09/20/25	LYZ
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	382436	09/20/25	09/20/25	LYZ
Hexachlorobutadiene	ND		ug/L	5.0	0.3	1	382436	09/20/25	09/20/25	LYZ
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	382436	09/20/25	09/20/25	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	382436	09/20/25	09/20/25	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	382436	09/20/25	09/20/25	LYZ
Xylene (total)	ND		ug/L	5.0		1	382436	09/20/25	09/20/25	LYZ
Surrogates				Limits						
Dibromofluoromethane	102%		%REC	70-130		1	382436	09/20/25	09/20/25	LYZ
1,2-Dichloroethane-d4	103%		%REC	70-130		1	382436	09/20/25	09/20/25	LYZ
Toluene-d8	102%		%REC	70-130		1	382436	09/20/25	09/20/25	LYZ
Bromofluorobenzene	95%		%REC	70-130		1	382436	09/20/25	09/20/25	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	12		ug/L	1.0	0.87	1	382415	09/19/25	09/21/25	TJW
Surrogates				Limits						
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	382415	09/19/25	09/21/25	TJW
Method: EPA 8270C Prep Method: EPA 3510C										
Carbazole	ND		ug/L	9.4	1.8	0.94	382347	09/19/25	09/20/25	ZFA
N-Nitrosodimethylamine	ND		ug/L	9.4	2.6	0.94	382347	09/19/25	09/20/25	ZFA
Aniline	ND		ug/L	9.4	3.0	0.94	382347	09/19/25	09/20/25	ZFA

Analysis Results for 542490

542490-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
bis(2-Chloroethyl)ether	ND		ug/L	24	3.7	0.94	382347	09/19/25	09/20/25	ZFA
2-Chlorophenol	ND		ug/L	9.4	3.6	0.94	382347	09/19/25	09/20/25	ZFA
1,3-Dichlorobenzene	ND		ug/L	9.4	3.8	0.94	382347	09/19/25	09/20/25	ZFA
1,4-Dichlorobenzene	ND		ug/L	9.4	3.9	0.94	382347	09/19/25	09/20/25	ZFA
Benzyl alcohol	ND		ug/L	24	4.9	0.94	382347	09/19/25	09/20/25	ZFA
1,2-Dichlorobenzene	ND		ug/L	9.4	3.7	0.94	382347	09/19/25	09/20/25	ZFA
bis(2-Chloroisopropyl) ether	ND		ug/L	9.4	4.1	0.94	382347	09/19/25	09/20/25	ZFA
N-Nitroso-di-n-propylamine	ND		ug/L	9.4	3.9	0.94	382347	09/19/25	09/20/25	ZFA
Hexachloroethane	ND		ug/L	9.4	3.5	0.94	382347	09/19/25	09/20/25	ZFA
Nitrobenzene	ND		ug/L	24	7.9	0.94	382347	09/19/25	09/20/25	ZFA
Isophorone	ND		ug/L	9.4	4.0	0.94	382347	09/19/25	09/20/25	ZFA
2-Nitrophenol	ND		ug/L	9.4	4.3	0.94	382347	09/19/25	09/20/25	ZFA
2,4-Dimethylphenol	ND		ug/L	9.4	3.5	0.94	382347	09/19/25	09/20/25	ZFA
bis(2-Chloroethoxy)methane	ND		ug/L	9.4	3.7	0.94	382347	09/19/25	09/20/25	ZFA
2,4-Dichlorophenol	ND		ug/L	9.4	4.1	0.94	382347	09/19/25	09/20/25	ZFA
1,2,4-Trichlorobenzene	ND		ug/L	9.4	3.8	0.94	382347	09/19/25	09/20/25	ZFA
4-Chloroaniline	ND		ug/L	9.4	3.4	0.94	382347	09/19/25	09/20/25	ZFA
Hexachlorobutadiene	ND		ug/L	9.4	3.1	0.94	382347	09/19/25	09/20/25	ZFA
4-Chloro-3-methylphenol	ND		ug/L	9.4	3.7	0.94	382347	09/19/25	09/20/25	ZFA
2-Methylnaphthalene	ND		ug/L	9.4	3.4	0.94	382347	09/19/25	09/20/25	ZFA
Hexachlorocyclopentadiene	ND		ug/L	24	9.7	0.94	382347	09/19/25	09/20/25	ZFA
2,4,6-Trichlorophenol	ND		ug/L	9.4	4.2	0.94	382347	09/19/25	09/20/25	ZFA
2,4,5-Trichlorophenol	ND		ug/L	9.4	3.8	0.94	382347	09/19/25	09/20/25	ZFA
2-Chloronaphthalene	ND		ug/L	9.4	3.7	0.94	382347	09/19/25	09/20/25	ZFA
2-Nitroaniline	ND		ug/L	47	3.2	0.94	382347	09/19/25	09/20/25	ZFA
Dimethylphthalate	ND		ug/L	9.4	3.8	0.94	382347	09/19/25	09/20/25	ZFA
Acenaphthylene	ND		ug/L	9.4	4.5	0.94	382347	09/19/25	09/20/25	ZFA
2,6-Dinitrotoluene	ND		ug/L	9.4	3.7	0.94	382347	09/19/25	09/20/25	ZFA
3-Nitroaniline	ND		ug/L	9.4	3.4	0.94	382347	09/19/25	09/20/25	ZFA
Acenaphthene	ND		ug/L	9.4	3.4	0.94	382347	09/19/25	09/20/25	ZFA
2,4-Dinitrophenol	ND		ug/L	47	7.2	0.94	382347	09/19/25	09/20/25	ZFA
4-Nitrophenol	ND		ug/L	9.4	5.3	0.94	382347	09/19/25	09/20/25	ZFA
Dibenzofuran	ND		ug/L	9.4	3.4	0.94	382347	09/19/25	09/20/25	ZFA
2,4-Dinitrotoluene	ND		ug/L	9.4	3.1	0.94	382347	09/19/25	09/20/25	ZFA
Diethylphthalate	ND		ug/L	9.4	2.9	0.94	382347	09/19/25	09/20/25	ZFA
Fluorene	ND		ug/L	9.4	3.2	0.94	382347	09/19/25	09/20/25	ZFA
4-Chlorophenyl-phenylether	ND		ug/L	9.4	3.5	0.94	382347	09/19/25	09/20/25	ZFA
4-Nitroaniline	ND		ug/L	9.4	3.0	0.94	382347	09/19/25	09/20/25	ZFA
4,6-Dinitro-2-methylphenol	ND		ug/L	47	12	0.94	382347	09/19/25	09/20/25	ZFA
N-Nitrosodiphenylamine	ND		ug/L	9.4	5.5	0.94	382347	09/19/25	09/20/25	ZFA
1,2-diphenylhydrazine (as azobenzene)	ND		ug/L	9.4	3.6	0.94	382347	09/19/25	09/20/25	ZFA
4-Bromophenyl-phenylether	ND		ug/L	9.4	3.8	0.94	382347	09/19/25	09/20/25	ZFA
Hexachlorobenzene	ND		ug/L	9.4	3.4	0.94	382347	09/19/25	09/20/25	ZFA
Pentachlorophenol	ND		ug/L	24	3.0	0.94	382347	09/19/25	09/20/25	ZFA
Phenanthrene	ND		ug/L	9.4	2.5	0.94	382347	09/19/25	09/20/25	ZFA
Anthracene	ND		ug/L	9.4	2.5	0.94	382347	09/19/25	09/20/25	ZFA
Di-n-butylphthalate	ND		ug/L	9.4	1.6	0.94	382347	09/19/25	09/20/25	ZFA
Fluoranthene	ND		ug/L	9.4	1.5	0.94	382347	09/19/25	09/20/25	ZFA
Benzidine	ND		ug/L	47	14	0.94	382347	09/19/25	09/20/25	ZFA
Pyrene	ND		ug/L	9.4	1.8	0.94	382347	09/19/25	09/20/25	ZFA
Butylbenzylphthalate	3.1	J	ug/L	9.4	2.0	0.94	382347	09/19/25	09/20/25	ZFA

Analysis Results for 542490

542490-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
3,3'-Dichlorobenzidine	ND		ug/L	24	3.3	0.94	382347	09/19/25	09/20/25	ZFA
Benzo(a)anthracene	ND		ug/L	9.4	0.93	0.94	382347	09/19/25	09/20/25	ZFA
Chrysene	ND		ug/L	9.4	1.2	0.94	382347	09/19/25	09/20/25	ZFA
bis(2-Ethylhexyl)phthalate	ND		ug/L	9.4	3.1	0.94	382347	09/19/25	09/20/25	ZFA
Di-n-octylphthalate	ND		ug/L	9.4	1.2	0.94	382347	09/19/25	09/20/25	ZFA
Benzo(b)fluoranthene	ND		ug/L	9.4	1.1	0.94	382347	09/19/25	09/20/25	ZFA
Benzo(k)fluoranthene	ND		ug/L	9.4	1.3	0.94	382347	09/19/25	09/20/25	ZFA
Benzo(a)pyrene	ND		ug/L	9.4	1.3	0.94	382347	09/19/25	09/20/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/L	9.4	1.1	0.94	382347	09/19/25	09/20/25	ZFA
Dibenz(a,h)anthracene	ND		ug/L	9.4	1.4	0.94	382347	09/19/25	09/20/25	ZFA
Benzo(g,h,i)perylene	ND		ug/L	9.4	1.4	0.94	382347	09/19/25	09/20/25	ZFA
Surrogates				Limits						
2-Fluorophenol	34%		%REC	15-120		0.94	382347	09/19/25	09/20/25	ZFA
Phenol-d6	29%		%REC	15-120		0.94	382347	09/19/25	09/20/25	ZFA
2,4,6-Tribromophenol	84%		%REC	15-140		0.94	382347	09/19/25	09/20/25	ZFA
Nitrobenzene-d5	56%		%REC	15-123		0.94	382347	09/19/25	09/20/25	ZFA
2-Fluorobiphenyl	56%		%REC	15-120		0.94	382347	09/19/25	09/20/25	ZFA
Terphenyl-d14	76%		%REC	15-120		0.94	382347	09/19/25	09/20/25	ZFA
Method: SM 4500-CN-E Prep Method: METHOD										
Cyanide	0.0020	J	mg/L	0.0050	0.0017	0.5	382786	09/24/25	09/26/25	CKN
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382564	09/22/25	09/22/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	34		mg/L	1.0	0.49	1	382325	09/18/25	09/19/25	ARM
Method: SM 9221B Prep Method: METHOD										
Coliform, Total	>1,600	H	MPN/100ml	1.8		1	382377	09/18/25 17:36	09/20/25 18:03	LXT
Method: SM 9221F										
Coliform, E. Coli	>1,600	H	MPN/100ml	1.8		1	382377	09/18/25 17:36	09/20/25 18:03	LXT
Method: SM2130B										
Turbidity	20		NTU	0.20	0.12	1	382324	09/18/25 19:21	09/18/25 19:21	TRR
Method: SM2320B Prep Method: METHOD										
Bicarbonate	64		mg/L	3.0		1.3	382459	09/20/25	09/20/25	WWC
Alkalinity, Total as CaCO3	52		mg/L	2.5		1.3	382459	09/20/25	09/20/25	WWC
Method: SM2510B Prep Method: METHOD										
Specific Conductance	290		umhos/cm	1.0		1	382578	09/22/25	09/22/25	RDL
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	240		mg/L	20		2	382577	09/22/25	09/23/25	RDL
Method: SM2540D Prep Method: METHOD										
Total Suspended Solids	28		mg/L	0.5		1	382466	09/20/25	09/22/25	TRR

Analysis Results for 542490

542490-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
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Method: SM5210B

Prep Method: METHOD

Biochemical Oxygen Demand	31		mg/L	3.0		1	382353	09/19/25 12:32	09/24/25 12:18	ARM
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Method: SM5220D

Prep Method: METHOD

Chemical Oxygen Demand	99		mg/L	4.0	2.0	1	382863	09/25/25	09/25/25	ARM
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Analysis Results for 542490

Sample ID: SOUTH BASIN - EASTERN INLET	Lab ID: 542490-002 Matrix: Water	Collected: 09/18/25 08:45
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542490-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 1664A Prep Method: METHOD										
Total Oil and Grease	7.2		mg/L	5.0	0.96	0.99	383073	09/28/25	09/29/25	JAG
Method: EPA 200.7 Prep Method: EPA 3015A										
Calcium	230		mg/L	1.0	0.57	1	382392	09/19/25	09/19/25	KAM
Iron	30		mg/L	0.10	0.041	1	382392	09/19/25	09/19/25	KAM
Magnesium	48		mg/L	0.10	0.025	1	382392	09/19/25	09/19/25	KAM
Potassium	14		mg/L	0.50	0.42	1	382392	09/19/25	09/19/25	KAM
Sodium	110		mg/L	0.50	0.34	1	382392	09/19/25	09/19/25	KAM
Method: EPA 200.8 Prep Method: EPA 3015A										
Antimony	1.6	J	ug/L	2.0	0.31	1	382402	09/19/25	09/19/25	KAM
Arsenic	31		ug/L	2.0	0.22	1	382402	09/19/25	09/19/25	KAM
Barium	1,100		ug/L	50	4.6	10	382402	09/19/25	09/19/25	KAM
Beryllium	4.5		ug/L	1.0	0.076	1	382402	09/19/25	09/19/25	KAM
Boron	530		ug/L	100	56	10	382402	09/19/25	09/19/25	KAM
Cadmium	6.0		ug/L	1.0	0.26	1	382402	09/19/25	09/19/25	KAM
Chromium	46		ug/L	5.0	0.34	1	382402	09/19/25	09/19/25	KAM
Cobalt	40		ug/L	1.0	0.074	1	382402	09/19/25	09/19/25	KAM
Copper	130		ug/L	5.0	2.0	1	382402	09/19/25	09/19/25	KAM
Lead	110		ug/L	5.0	0.16	1	382402	09/19/25	09/19/25	KAM
Manganese	3,500		ug/L	100	43	10	382402	09/19/25	09/19/25	KAM
Nickel	65		ug/L	5.0	0.84	1	382402	09/19/25	09/19/25	KAM
Selenium	5.0	J	ug/L	10	5.0	1	382402	09/19/25	09/22/25	KAM
Silver	ND		ug/L	5.0	0.51	1	382402	09/19/25	09/19/25	KAM
Thallium	0.31	J	ug/L	1.0	0.19	1	382402	09/19/25	09/19/25	KAM
Tin	ND		ug/L	5.0	0.49	1	382402	09/19/25	09/19/25	KAM
Vanadium	110		ug/L	5.0	0.36	1	382402	09/19/25	09/19/25	KAM
Zinc	850		ug/L	10	7.4	1	382402	09/19/25	09/19/25	KAM
Method: EPA 245.1 Prep Method: EPA 245.1										
Mercury	0.13	J	ug/L	0.40	0.032	1	382351	09/19/25	09/19/25	MLL
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.57		mg/L	0.20	0.073	1	382322	09/18/25 20:30	09/19/25 09:20	KUM
Chloride	83		mg/L	1.0	0.27	1	382322	09/18/25 20:30	09/19/25 09:20	KUM
Nitrogen, Nitrite	ND		mg/L	0.10	0.02	1	382322	09/18/25 20:30	09/19/25 09:20	KUM
Bromide	0.21	J	mg/L	0.30	0.060	1	382322	09/18/25 20:30	09/19/25 09:20	KUM
Nitrogen, Nitrate	2.1		mg/L	0.10	0.05	1	382322	09/18/25 20:30	09/19/25 09:20	KUM
Sulfate	270		mg/L	10	1.8	10	382322	09/18/25 20:30	09/19/25 11:19	KUM

Analysis Results for 542490

542490-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
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Method: EPA 350.1
Prep Method: METHOD

Ammonia-N	0.15		mg/L	0.10	0.050	1	382894	09/25/25	09/29/25	JAK
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Method: EPA 420.1
Prep Method: METHOD

Total Phenolics	0.0050	J	mg/L	0.010	0.0047	1	382769	09/24/25	09/24/25	LVL
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Method: EPA 625.1
Prep Method: EPA 3510C

Pyridine	ND		ug/L	9.4	1.6	0.94	382347	09/19/25	09/20/25	ZFA
Phenol	ND		ug/L	9.4	1.6	0.94	382347	09/19/25	09/20/25	ZFA
2-Methylphenol	ND		ug/L	9.4	3.1	0.94	382347	09/19/25	09/20/25	ZFA
3-,4-Methylphenol	ND		ug/L	9.4	2.9	0.94	382347	09/19/25	09/20/25	ZFA
Benzoic acid	9.2	B,J	ug/L	47	7.2	0.94	382347	09/19/25	09/20/25	ZFA
Naphthalene	ND		ug/L	9.4	3.6	0.94	382347	09/19/25	09/20/25	ZFA
Cresol	ND		ug/L	9.4		0.94	382347	09/19/25	09/20/25	ZFA

Method: EPA 8081A
Prep Method: EPA 3510C

alpha-BHC	ND		ug/L	0.05	0.01	0.97	382462	09/20/25	09/21/25	MES
beta-BHC	ND		ug/L	0.05	0.01	0.97	382462	09/20/25	09/21/25	MES
gamma-BHC	ND		ug/L	0.05	0.009	0.97	382462	09/20/25	09/21/25	MES
delta-BHC	ND		ug/L	0.05	0.01	0.97	382462	09/20/25	09/21/25	MES
Heptachlor	ND		ug/L	0.05	0.01	0.97	382462	09/20/25	09/21/25	MES
Aldrin	ND		ug/L	0.05	0.01	0.97	382462	09/20/25	09/21/25	MES
Heptachlor epoxide	ND		ug/L	0.05	0.009	0.97	382462	09/20/25	09/21/25	MES
Endosulfan I	ND		ug/L	0.05	0.01	0.97	382462	09/20/25	09/21/25	MES
Dieldrin	ND		ug/L	0.1	0.01	0.97	382462	09/20/25	09/21/25	MES
4,4'-DDE	ND		ug/L	0.1	0.01	0.97	382462	09/20/25	09/21/25	MES
Endrin	ND		ug/L	0.1	0.01	0.97	382462	09/20/25	09/21/25	MES
Endosulfan II	ND		ug/L	0.1	0.02	0.97	382462	09/20/25	09/21/25	MES
Endosulfan sulfate	ND		ug/L	0.1	0.01	0.97	382462	09/20/25	09/21/25	MES
4,4'-DDD	ND		ug/L	0.1	0.01	0.97	382462	09/20/25	09/21/25	MES
Endrin aldehyde	ND		ug/L	0.1	0.02	0.97	382462	09/20/25	09/21/25	MES
Endrin ketone	ND		ug/L	0.1	0.02	0.97	382462	09/20/25	09/21/25	MES
4,4'-DDT	ND		ug/L	0.1	0.04	0.97	382462	09/20/25	09/21/25	MES
Methoxychlor	ND		ug/L	0.1	0.03	0.97	382462	09/20/25	09/21/25	MES
Toxaphene	ND		ug/L	1.9	0.4	0.97	382462	09/20/25	09/21/25	MES
Chlordane (Technical)	ND		ug/L	1.0	0.2	0.97	382462	09/20/25	09/21/25	MES

Surrogates

Limits

TCMX	84%	%REC	29-120		0.97	382462	09/20/25	09/21/25	MES
Decachlorobiphenyl	84%	%REC	33-132		0.97	382462	09/20/25	09/21/25	MES

Method: EPA 8082
Prep Method: EPA 3510C

Aroclor-1016	ND		ug/L	0.48	0.29	0.97	382462	09/20/25	09/21/25	MES
Aroclor-1221	ND		ug/L	0.48	0.45	0.97	382462	09/20/25	09/21/25	MES
Aroclor-1232	ND		ug/L	0.48	0.26	0.97	382462	09/20/25	09/21/25	MES
Aroclor-1242	ND		ug/L	0.48	0.28	0.97	382462	09/20/25	09/21/25	MES
Aroclor-1248	ND		ug/L	0.48	0.23	0.97	382462	09/20/25	09/21/25	MES
Aroclor-1254	ND		ug/L	0.48	0.26	0.97	382462	09/20/25	09/21/25	MES
Aroclor-1260	ND		ug/L	0.48	0.31	0.97	382462	09/20/25	09/21/25	MES
Aroclor-1262	ND		ug/L	0.48	0.28	0.97	382462	09/20/25	09/21/25	MES
Aroclor-1268	ND		ug/L	0.48	0.25	0.97	382462	09/20/25	09/21/25	MES

Analysis Results for 542490

542490-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Surrogates	Limits									
Decachlorobiphenyl (PCB)	90%		%REC	28-138		0.97	382462	09/20/25	09/21/25	MES
Method: EPA 8260B Prep Method: EPA 5030B										
Carbon Disulfide	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
Chloroprene	ND		ug/L	200	2.7	1	382436	09/20/25	09/20/25	LYZ
3-Chloropropene	ND		ug/L	5.0	0.2	1	382436	09/20/25	09/20/25	LYZ
Ethyl methacrylate	ND		ug/L	50	3.9	1	382436	09/20/25	09/20/25	LYZ
Ethanol	ND		ug/L	500	160	1	382436	09/20/25	09/20/25	LYZ
2-Hexanone	ND		ug/L	5.0	1.3	1	382436	09/20/25	09/20/25	LYZ
Isopropanol (IPA)	ND		ug/L	200	96	1	382436	09/20/25	09/20/25	LYZ
Methyl acrylonitrile	ND		ug/L	35	4.2	1	382436	09/20/25	09/20/25	LYZ
Vinyl Acetate	ND		ug/L	50	3.2	1	382436	09/20/25	09/20/25	LYZ
Acrolein	ND		ug/L	200	2.6	1	382436	09/20/25	09/20/25	LYZ
Acrylonitrile	ND		ug/L	10	0.7	1	382436	09/20/25	09/20/25	LYZ
Freon 12	ND		ug/L	5.0	0.2	1	382436	09/20/25	09/20/25	LYZ
Chloromethane	ND		ug/L	5.0	0.09	1	382436	09/20/25	09/20/25	LYZ
Vinyl Chloride	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
Bromomethane	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
Chloroethane	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
Iodomethane	ND		ug/L	5.0		1	382436	09/20/25	09/20/25	LYZ
Acetone	ND		ug/L	100	14	1	382436	09/20/25	09/20/25	LYZ
Freon 113	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
Methylene Chloride	ND		ug/L	10	0.2	1	382436	09/20/25	09/20/25	LYZ
MTBE	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	382436	09/20/25	09/20/25	LYZ
2-Butanone	ND		ug/L	10	1.3	1	382436	09/20/25	09/20/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	382436	09/20/25	09/20/25	LYZ
Chloroform	ND		ug/L	5.0	0.08	1	382436	09/20/25	09/20/25	LYZ
Bromochloromethane	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	382436	09/20/25	09/20/25	LYZ
Benzene	ND		ug/L	1.0	0.1	1	382436	09/20/25	09/20/25	LYZ
Trichloroethene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
1,2-Dichloropropane	ND		ug/L	5.0	0.09	1	382436	09/20/25	09/20/25	LYZ
Bromodichloromethane	ND		ug/L	5.0	0.07	1	382436	09/20/25	09/20/25	LYZ
Dibromomethane	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
4-Methyl-2-Pentanone	ND		ug/L	10	1.0	1	382436	09/20/25	09/20/25	LYZ
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
Toluene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	382436	09/20/25	09/20/25	LYZ
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
1,3-Dichloropropane	ND		ug/L	5.0	0.07	1	382436	09/20/25	09/20/25	LYZ
Tetrachloroethene	ND		ug/L	5.0	0.2	1	382436	09/20/25	09/20/25	LYZ
Dibromochloromethane	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ

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

Analysis Results for 542490

542490-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Chlorobenzene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	1	382436	09/20/25	09/20/25	LYZ
Ethylbenzene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
m,p-Xylenes	ND		ug/L	5.0	0.2	1	382436	09/20/25	09/20/25	LYZ
o-Xylene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
Styrene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
Bromoform	ND		ug/L	5.0	0.06	1	382436	09/20/25	09/20/25	LYZ
Isopropylbenzene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	1	382436	09/20/25	09/20/25	LYZ
Propylbenzene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
Bromobenzene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
4-Chlorotoluene	ND		ug/L	5.0	0.2	1	382436	09/20/25	09/20/25	LYZ
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	382436	09/20/25	09/20/25	LYZ
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	382436	09/20/25	09/20/25	LYZ
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	382436	09/20/25	09/20/25	LYZ
n-Butylbenzene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	382436	09/20/25	09/20/25	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	1	382436	09/20/25	09/20/25	LYZ
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	382436	09/20/25	09/20/25	LYZ
Hexachlorobutadiene	ND		ug/L	5.0	0.3	1	382436	09/20/25	09/20/25	LYZ
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	382436	09/20/25	09/20/25	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	382436	09/20/25	09/20/25	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	382436	09/20/25	09/20/25	LYZ
Xylene (total)	ND		ug/L	5.0		1	382436	09/20/25	09/20/25	LYZ
Surrogates				Limits						
Dibromofluoromethane	104%		%REC	70-130		1	382436	09/20/25	09/20/25	LYZ
1,2-Dichloroethane-d4	103%		%REC	70-130		1	382436	09/20/25	09/20/25	LYZ
Toluene-d8	103%		%REC	70-130		1	382436	09/20/25	09/20/25	LYZ
Bromofluorobenzene	92%		%REC	70-130		1	382436	09/20/25	09/20/25	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	382415	09/19/25	09/21/25	TJW
Surrogates				Limits						
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	382415	09/19/25	09/21/25	TJW
Method: EPA 8270C Prep Method: EPA 3510C										
Carbazole	ND		ug/L	9.4	1.8	0.94	382347	09/19/25	09/20/25	ZFA
N-Nitrosodimethylamine	ND		ug/L	9.4	2.6	0.94	382347	09/19/25	09/20/25	ZFA
Aniline	ND		ug/L	9.4	3.0	0.94	382347	09/19/25	09/20/25	ZFA
bis(2-Chloroethyl)ether	ND		ug/L	24	3.7	0.94	382347	09/19/25	09/20/25	ZFA
2-Chlorophenol	ND		ug/L	9.4	3.6	0.94	382347	09/19/25	09/20/25	ZFA
1,3-Dichlorobenzene	ND		ug/L	9.4	3.8	0.94	382347	09/19/25	09/20/25	ZFA
1,4-Dichlorobenzene	ND		ug/L	9.4	3.9	0.94	382347	09/19/25	09/20/25	ZFA
Benzyl alcohol	ND		ug/L	24	4.9	0.94	382347	09/19/25	09/20/25	ZFA

Analysis Results for 542490

542490-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichlorobenzene	ND		ug/L	9.4	3.7	0.94	382347	09/19/25	09/20/25	ZFA
bis(2-Chloroisopropyl) ether	ND		ug/L	9.4	4.1	0.94	382347	09/19/25	09/20/25	ZFA
N-Nitroso-di-n-propylamine	ND		ug/L	9.4	3.9	0.94	382347	09/19/25	09/20/25	ZFA
Hexachloroethane	ND		ug/L	9.4	3.5	0.94	382347	09/19/25	09/20/25	ZFA
Nitrobenzene	ND		ug/L	24	7.9	0.94	382347	09/19/25	09/20/25	ZFA
Isophorone	ND		ug/L	9.4	4.0	0.94	382347	09/19/25	09/20/25	ZFA
2-Nitrophenol	ND		ug/L	9.4	4.3	0.94	382347	09/19/25	09/20/25	ZFA
2,4-Dimethylphenol	ND		ug/L	9.4	3.5	0.94	382347	09/19/25	09/20/25	ZFA
bis(2-Chloroethoxy)methane	ND		ug/L	9.4	3.7	0.94	382347	09/19/25	09/20/25	ZFA
2,4-Dichlorophenol	ND		ug/L	9.4	4.1	0.94	382347	09/19/25	09/20/25	ZFA
1,2,4-Trichlorobenzene	ND		ug/L	9.4	3.8	0.94	382347	09/19/25	09/20/25	ZFA
4-Chloroaniline	ND		ug/L	9.4	3.4	0.94	382347	09/19/25	09/20/25	ZFA
Hexachlorobutadiene	ND		ug/L	9.4	3.1	0.94	382347	09/19/25	09/20/25	ZFA
4-Chloro-3-methylphenol	ND		ug/L	9.4	3.7	0.94	382347	09/19/25	09/20/25	ZFA
2-Methylnaphthalene	ND		ug/L	9.4	3.4	0.94	382347	09/19/25	09/20/25	ZFA
Hexachlorocyclopentadiene	ND		ug/L	24	9.7	0.94	382347	09/19/25	09/20/25	ZFA
2,4,6-Trichlorophenol	ND		ug/L	9.4	4.2	0.94	382347	09/19/25	09/20/25	ZFA
2,4,5-Trichlorophenol	ND		ug/L	9.4	3.8	0.94	382347	09/19/25	09/20/25	ZFA
2-Chloronaphthalene	ND		ug/L	9.4	3.7	0.94	382347	09/19/25	09/20/25	ZFA
2-Nitroaniline	ND		ug/L	47	3.2	0.94	382347	09/19/25	09/20/25	ZFA
Dimethylphthalate	ND		ug/L	9.4	3.8	0.94	382347	09/19/25	09/20/25	ZFA
Acenaphthylene	ND		ug/L	9.4	4.5	0.94	382347	09/19/25	09/20/25	ZFA
2,6-Dinitrotoluene	ND		ug/L	9.4	3.7	0.94	382347	09/19/25	09/20/25	ZFA
3-Nitroaniline	ND		ug/L	9.4	3.4	0.94	382347	09/19/25	09/20/25	ZFA
Acenaphthene	ND		ug/L	9.4	3.4	0.94	382347	09/19/25	09/20/25	ZFA
2,4-Dinitrophenol	ND		ug/L	47	7.2	0.94	382347	09/19/25	09/20/25	ZFA
4-Nitrophenol	ND		ug/L	9.4	5.3	0.94	382347	09/19/25	09/20/25	ZFA
Dibenzofuran	ND		ug/L	9.4	3.4	0.94	382347	09/19/25	09/20/25	ZFA
2,4-Dinitrotoluene	ND		ug/L	9.4	3.1	0.94	382347	09/19/25	09/20/25	ZFA
Diethylphthalate	ND		ug/L	9.4	2.9	0.94	382347	09/19/25	09/20/25	ZFA
Fluorene	ND		ug/L	9.4	3.2	0.94	382347	09/19/25	09/20/25	ZFA
4-Chlorophenyl-phenylether	ND		ug/L	9.4	3.5	0.94	382347	09/19/25	09/20/25	ZFA
4-Nitroaniline	ND		ug/L	9.4	3.0	0.94	382347	09/19/25	09/20/25	ZFA
4,6-Dinitro-2-methylphenol	ND		ug/L	47	12	0.94	382347	09/19/25	09/20/25	ZFA
N-Nitrosodiphenylamine	ND		ug/L	9.4	5.5	0.94	382347	09/19/25	09/20/25	ZFA
1,2-diphenylhydrazine (as azobenzene)	ND		ug/L	9.4	3.6	0.94	382347	09/19/25	09/20/25	ZFA
4-Bromophenyl-phenylether	ND		ug/L	9.4	3.8	0.94	382347	09/19/25	09/20/25	ZFA
Hexachlorobenzene	ND		ug/L	9.4	3.4	0.94	382347	09/19/25	09/20/25	ZFA
Pentachlorophenol	ND		ug/L	24	3.0	0.94	382347	09/19/25	09/20/25	ZFA
Phenanthrene	ND		ug/L	9.4	2.5	0.94	382347	09/19/25	09/20/25	ZFA
Anthracene	ND		ug/L	9.4	2.5	0.94	382347	09/19/25	09/20/25	ZFA
Di-n-butylphthalate	ND		ug/L	9.4	1.6	0.94	382347	09/19/25	09/20/25	ZFA
Fluoranthene	ND		ug/L	9.4	1.5	0.94	382347	09/19/25	09/20/25	ZFA
Benzidine	ND		ug/L	47	14	0.94	382347	09/19/25	09/20/25	ZFA
Pyrene	ND		ug/L	9.4	1.8	0.94	382347	09/19/25	09/20/25	ZFA
Butylbenzylphthalate	ND		ug/L	9.4	2.0	0.94	382347	09/19/25	09/20/25	ZFA
3,3'-Dichlorobenzidine	ND		ug/L	24	3.3	0.94	382347	09/19/25	09/20/25	ZFA
Benzo(a)anthracene	ND		ug/L	9.4	0.93	0.94	382347	09/19/25	09/20/25	ZFA
Chrysene	ND		ug/L	9.4	1.2	0.94	382347	09/19/25	09/20/25	ZFA
bis(2-Ethylhexyl)phthalate	ND		ug/L	9.4	3.1	0.94	382347	09/19/25	09/20/25	ZFA
Di-n-octylphthalate	ND		ug/L	9.4	1.2	0.94	382347	09/19/25	09/20/25	ZFA

Analysis Results for 542490

542490-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzo(b)fluoranthene	ND		ug/L	9.4	1.1	0.94	382347	09/19/25	09/20/25	ZFA
Benzo(k)fluoranthene	ND		ug/L	9.4	1.3	0.94	382347	09/19/25	09/20/25	ZFA
Benzo(a)pyrene	ND		ug/L	9.4	1.3	0.94	382347	09/19/25	09/20/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/L	9.4	1.1	0.94	382347	09/19/25	09/20/25	ZFA
Dibenz(a,h)anthracene	ND		ug/L	9.4	1.4	0.94	382347	09/19/25	09/20/25	ZFA
Benzo(g,h,i)perylene	ND		ug/L	9.4	1.4	0.94	382347	09/19/25	09/20/25	ZFA
Surrogates				Limits						
2-Fluorophenol	38%		%REC	15-120		0.94	382347	09/19/25	09/20/25	ZFA
Phenol-d6	25%		%REC	15-120		0.94	382347	09/19/25	09/20/25	ZFA
2,4,6-Tribromophenol	82%		%REC	15-140		0.94	382347	09/19/25	09/20/25	ZFA
Nitrobenzene-d5	59%		%REC	15-123		0.94	382347	09/19/25	09/20/25	ZFA
2-Fluorobiphenyl	59%		%REC	15-120		0.94	382347	09/19/25	09/20/25	ZFA
Terphenyl-d14	68%		%REC	15-120		0.94	382347	09/19/25	09/20/25	ZFA
Method: SM 4500-CN-E Prep Method: METHOD										
Cyanide	ND		mg/L	0.0050	0.0017	0.5	382786	09/24/25	09/26/25	CKN
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382564	09/22/25	09/22/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	6.7		mg/L	1.0	0.49	1	382325	09/18/25	09/19/25	ARM
Method: SM 9221B Prep Method: METHOD										
Coliform, Total	>1,600	H	MPN/100ml	1.8		1	382377	09/18/25 17:36	09/20/25 18:03	LXT
Method: SM 9221F										
Coliform, E. Coli	130	H	MPN/100ml	1.8		1	382377	09/18/25 17:36	09/20/25 18:03	LXT
Method: SM2130B										
Turbidity	2,600		NTU	2.0	1.2	10	382324	09/18/25 19:21	09/18/25 19:21	TRR
Method: SM2320B Prep Method: METHOD										
Bicarbonate	260		mg/L	3.0		1.3	382459	09/20/25	09/20/25	WWC
Alkalinity, Total as CaCO3	220		mg/L	2.5		1.3	382459	09/20/25	09/20/25	WWC
Method: SM2510B Prep Method: METHOD										
Specific Conductance	1,220		umhos/cm	1.0		1	382578	09/22/25	09/22/25	RDL
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	940		mg/L	20		2	382577	09/22/25	09/23/25	RDL
Method: SM2540D Prep Method: METHOD										
Total Suspended Solids	15,000		mg/L	0.5		1	382466	09/20/25	09/22/25	TRR
Method: SM5210B Prep Method: METHOD										
Biochemical Oxygen Demand	ND		mg/L	3.0		1	382353	09/19/25 12:32	09/24/25 12:18	ARM
Method: SM5220D Prep Method: METHOD										

Analysis Results for 542490

542490-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Chemical Oxygen Demand	23		mg/L	4.0	2.0	1	382863	09/25/25	09/25/25	ARM

CCV drift outside limits; average CCV drift within limits per method requirements
 > Value exceeds indicated concentration
 B Contamination found in associated Method Blank
 C Presence confirmed, but RPD between columns exceeds 40%
 H Holding time was exceeded
 J Estimated value
 ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1297711	Batch: 383073
Matrix: Water	Method: EPA 1664A	Prep Method: METHOD

QC1297711 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Oil and Grease	ND		mg/L	5.0	0.97	09/28/25	09/29/25

Type: Lab Control Sample	Lab ID: QC1297712	Batch: 383073
Matrix: Water	Method: EPA 1664A	Prep Method: METHOD

QC1297712 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Oil and Grease	36.00	40.00	mg/L	90%		78-114

Type: Lab Control Sample Duplicate	Lab ID: QC1297713	Batch: 383073
Matrix: Water	Method: EPA 1664A	Prep Method: METHOD

QC1297713 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Total Oil and Grease	37.10	40.00	mg/L	93%		78-114	3	18

Type: Blank	Lab ID: QC1295250	Batch: 382392
Matrix: Water	Method: EPA 200.7	Prep Method: EPA 3015A

QC1295250 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Calcium	ND		mg/L	1.0	0.57	09/19/25	09/19/25
Iron	ND		mg/L	0.10	0.041	09/19/25	09/19/25
Magnesium	ND		mg/L	0.10	0.025	09/19/25	09/19/25
Potassium	ND		mg/L	0.50	0.42	09/19/25	09/19/25
Sodium	ND		mg/L	0.50	0.35	09/19/25	09/20/25

Type: Lab Control Sample	Lab ID: QC1295251	Batch: 382392
Matrix: Water	Method: EPA 200.7	Prep Method: EPA 3015A

QC1295251 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Calcium	21.71	20.40	mg/L	106%		85-115
Iron	0.4244	0.4000	mg/L	106%		85-115
Magnesium	22.15	20.40	mg/L	109%		85-115
Potassium	25.90	24.00	mg/L	108%		85-115
Sodium	22.41	20.40	mg/L	110%		85-115

Batch QC

Type: Matrix Spike	Lab ID: QC1295252	Batch: 382392
Matrix (Source ID): Water (542490-001)	Method: EPA 200.7	Prep Method: EPA 3015A

QC1295252 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Calcium	52.06	31.49	20.40	mg/L	101%		75-125	1
Iron	1.224	0.7848	0.4000	mg/L	110%		75-125	1
Magnesium	24.72	3.471	20.40	mg/L	104%		75-125	1
Potassium	30.18	4.917	24.00	mg/L	105%		75-125	1
Sodium	38.48	17.41	20.40	mg/L	103%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1295253	Batch: 382392
Matrix (Source ID): Water (542490-001)	Method: EPA 200.7	Prep Method: EPA 3015A

QC1295253 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Calcium	51.80	31.49	20.40	mg/L	100%		75-125	1	20	1
Iron	1.234	0.7848	0.4000	mg/L	112%		75-125	1	20	1
Magnesium	24.29	3.471	20.40	mg/L	102%		75-125	2	20	1
Potassium	29.70	4.917	24.00	mg/L	103%		75-125	2	20	1
Sodium	38.18	17.41	20.40	mg/L	102%		75-125	1	20	1

Type: Serial Dilution	Lab ID: QC1295277	Batch: 382392
Matrix (Source ID): Water (542490-001)	Method: EPA 200.7	Prep Method: EPA 3015A

QC1295277 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Calcium	31.82	31.49	mg/L				5
Iron	0.8207	0.7848	mg/L				5
Magnesium	3.446	3.471	mg/L				5
Potassium	4.708	4.917	mg/L				5
Sodium	17.86	17.41	mg/L				5

Batch QC

Type: Lab Control Sample	Lab ID: QC1295293	Batch: 382402
Matrix: Filtrate	Method: EPA 200.8	Prep Method: EPA 3015A

QC1295293 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	100.8	100.0	ug/L	101%		85-115
Arsenic	94.62	100.0	ug/L	95%		85-115
Barium	95.77	100.0	ug/L	96%		85-115
Beryllium	90.43	100.0	ug/L	90%		85-115
Boron	92.38	100.0	ug/L	92%		85-115
Cadmium	94.98	100.0	ug/L	95%		85-115
Chromium	88.76	100.0	ug/L	89%		85-115
Cobalt	91.93	100.0	ug/L	92%		85-115
Copper	91.67	100.0	ug/L	92%		85-115
Lead	95.97	100.0	ug/L	96%		85-115
Manganese	89.15	100.0	ug/L	89%		85-115
Nickel	91.58	100.0	ug/L	92%		85-115
Selenium	87.32	100.0	ug/L	87%		85-115
Silver	48.37	50.00	ug/L	97%		85-115
Thallium	95.06	100.0	ug/L	95%		85-115
Tin	93.28	100.0	ug/L	93%		85-115
Vanadium	89.29	100.0	ug/L	89%		85-115
Zinc	87.51	100.0	ug/L	88%		85-115

Type: Matrix Spike	Lab ID: QC1295294	Batch: 382402
Matrix (Source ID): Water (542490-001)	Method: EPA 200.8	Prep Method: EPA 3015A

QC1295294 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	99.99	1.669	100.0	ug/L	98%		70-130	10
Arsenic	103.4	4.856	100.0	ug/L	99%		70-130	10
Barium	117.4	21.26	100.0	ug/L	96%		70-130	10
Beryllium	93.81	ND	100.0	ug/L	94%		70-130	10
Boron	228.3	137.6	100.0	ug/L	91%		70-130	10
Cadmium	97.30	ND	100.0	ug/L	97%		70-130	10
Chromium	90.60	2.657	100.0	ug/L	88%		70-130	10
Cobalt	94.11	1.326	100.0	ug/L	93%		70-130	10
Copper	105.9	9.298	100.0	ug/L	97%		70-130	10
Lead	99.14	0.9295	100.0	ug/L	98%		70-130	10
Manganese	138.5	49.25	100.0	ug/L	89%		70-130	10
Nickel	100.2	4.199	100.0	ug/L	96%		70-130	10
Selenium	77.31	ND	100.0	ug/L	77%		70-130	10
Silver	48.59	ND	50.00	ug/L	97%		70-130	10
Thallium	95.32	ND	100.0	ug/L	95%		70-130	10
Tin	88.47	ND	100.0	ug/L	88%		70-130	10
Vanadium	93.05	6.886	100.0	ug/L	86%		70-130	10
Zinc	102.4	9.223	100.0	ug/L	93%		70-130	10

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1295295	Batch: 382402
Matrix (Source ID): Water (542490-001)	Method: EPA 200.8	Prep Method: EPA 3015A

QC1295295 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	100.7	1.669	100.0	ug/L	99%		70-130	1	20	10
Arsenic	100.2	4.856	100.0	ug/L	95%		70-130	3	20	10
Barium	119.8	21.26	100.0	ug/L	99%		70-130	2	20	10
Beryllium	94.41	ND	100.0	ug/L	94%		70-130	1	20	10
Boron	222.7	137.6	100.0	ug/L	85%		70-130	3	20	10
Cadmium	97.05	ND	100.0	ug/L	97%		70-130	0	20	10
Chromium	93.19	2.657	100.0	ug/L	91%		70-130	3	20	10
Cobalt	100.3	1.326	100.0	ug/L	99%		70-130	6	20	10
Copper	105.8	9.298	100.0	ug/L	96%		70-130	0	20	10
Lead	101.1	0.9295	100.0	ug/L	100%		70-130	2	20	10
Manganese	141.7	49.25	100.0	ug/L	92%		70-130	2	20	10
Nickel	98.63	4.199	100.0	ug/L	94%		70-130	2	20	10
Selenium	78.05	ND	100.0	ug/L	78%		70-130	1	20	10
Silver	48.60	ND	50.00	ug/L	97%		70-130	0	20	10
Thallium	97.12	ND	100.0	ug/L	97%		70-130	2	20	10
Tin	86.75	ND	100.0	ug/L	87%		70-130	2	20	10
Vanadium	98.67	6.886	100.0	ug/L	92%		70-130	6	20	10
Zinc	100.9	9.223	100.0	ug/L	92%		70-130	1	20	10

Type: Blank	Lab ID: QC1295296	Batch: 382402
Matrix: Water	Method: EPA 200.8	Prep Method: EPA 3015A

QC1295296 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Antimony	ND		ug/L	2.0	0.31	09/19/25	09/19/25
Arsenic	ND		ug/L	2.0	0.22	09/19/25	09/19/25
Barium	ND		ug/L	5.0	0.46	09/19/25	09/19/25
Beryllium	ND		ug/L	1.0	0.076	09/19/25	09/19/25
Boron	ND		ug/L	10	5.6	09/19/25	09/19/25
Cadmium	ND		ug/L	1.0	0.26	09/19/25	09/19/25
Chromium	ND		ug/L	5.0	0.34	09/19/25	09/19/25
Cobalt	ND		ug/L	1.0	0.074	09/19/25	09/19/25
Copper	ND		ug/L	5.0	2.0	09/19/25	09/19/25
Lead	ND		ug/L	5.0	0.16	09/19/25	09/19/25
Manganese	ND		ug/L	10	4.3	09/19/25	09/19/25
Nickel	ND		ug/L	5.0	0.84	09/19/25	09/19/25
Selenium	ND		ug/L	4.0	1.6	09/19/25	09/19/25
Silver	ND		ug/L	5.0	0.51	09/19/25	09/19/25
Thallium	ND		ug/L	1.0	0.19	09/19/25	09/19/25
Tin	ND		ug/L	5.0	0.49	09/19/25	09/19/25
Vanadium	ND		ug/L	5.0	0.36	09/19/25	09/19/25
Zinc	ND		ug/L	10	7.4	09/19/25	09/19/25

Batch QC

Type: Blank	Lab ID: QC1295146	Batch: 382351
Matrix: Water	Method: EPA 245.1	Prep Method: EPA 245.1

QC1295146 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Mercury	ND		ug/L	0.40	0.032	09/19/25	09/19/25

Type: Lab Control Sample	Lab ID: QC1295147	Batch: 382351
Matrix: Water	Method: EPA 245.1	Prep Method: EPA 245.1

QC1295147 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	4.822	5.000	ug/L	96%		85-115

Type: Matrix Spike	Lab ID: QC1295148	Batch: 382351
Matrix (Source ID): Water (542490-001)	Method: EPA 245.1	Prep Method: EPA 245.1

QC1295148 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	4.880	0.2069	5.000	ug/L	93%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1295149	Batch: 382351
Matrix (Source ID): Water (542490-001)	Method: EPA 245.1	Prep Method: EPA 245.1

QC1295149 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	4.817	0.2069	5.000	ug/L	92%		75-125	1	20	1

Type: Blank	Lab ID: QC1295026	Batch: 382322
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1295026 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	09/18/25 20:30	09/19/25 04:17
Chloride	ND		mg/L	1.0	0.27	09/18/25 20:30	09/19/25 04:17
Nitrogen, Nitrite	ND		mg/L	0.10	0.02	09/18/25 20:30	09/19/25 04:17
Bromide	ND		mg/L	0.30	0.060	09/18/25 20:30	09/19/25 04:17
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	09/18/25 20:30	09/19/25 04:17
Sulfate	ND		mg/L	1.0	0.18	09/18/25 20:30	09/19/25 04:17

Type: Lab Control Sample	Lab ID: QC1295027	Batch: 382322
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1295027 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	10.48	10.00	mg/L	105%		90-110
Chloride	45.55	50.00	mg/L	91%		90-110
Nitrogen, Nitrite	4.263	4.567	mg/L	93%		90-110
Bromide	13.86	15.00	mg/L	92%		90-110
Nitrogen, Nitrate	4.337	4.518	mg/L	96%		90-110
Sulfate	24.40	25.00	mg/L	98%		90-110

Batch QC

Type: Matrix Spike	Lab ID: QC1295030	Batch: 382322
Matrix (Source ID): Water (542478-001)	Method: EPA 300.0	Prep Method: METHOD

QC1295030 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	25.34	0.09340	20.00	mg/L	126%		80-129	1
Chloride	165.1	50.12	100.0	mg/L	115%		80-123	1
Nitrogen, Nitrite	9.992	ND	9.134	mg/L	109%		80-122	1
Bromide	15.38	0.2644	15.00	mg/L	101%		80-121	1
Nitrogen, Nitrate	17.05	7.782	9.036	mg/L	103%		80-123	1
Sulfate	310.8	280.3	50.00	mg/L	61%	E,NM	79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1295031	Batch: 382322
Matrix (Source ID): Water (542478-001)	Method: EPA 300.0	Prep Method: METHOD

QC1295031 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	23.32	0.09340	20.00	mg/L	116%		80-129	8	21	1
Chloride	157.1	50.12	100.0	mg/L	107%		80-123	5	20	1
Nitrogen, Nitrite	9.246	ND	9.134	mg/L	101%		80-122	8	21	1
Bromide	14.32	0.2644	15.00	mg/L	94%		80-121	7	20	1
Nitrogen, Nitrate	16.40	7.782	9.036	mg/L	95%		80-123	4	20	1
Sulfate	308.0	280.3	50.00	mg/L	55%	E,NM	79-124		20	1

Type: Matrix Spike	Lab ID: QC1295057	Batch: 382322
Matrix (Source ID): Water (542490-001)	Method: EPA 300.0	Prep Method: METHOD

QC1295057 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	19.23	ND	20.00	mg/L	96%		80-129	1
Chloride	112.9	11.34	100.0	mg/L	102%		80-123	1
Nitrogen, Nitrite	8.862	0.03280	9.134	mg/L	97%		80-122	1
Bromide	13.65	0.06979	15.00	mg/L	91%		80-121	1
Nitrogen, Nitrate	12.11	3.562	9.036	mg/L	95%		80-123	1
Sulfate	90.69	43.39	50.00	mg/L	95%		79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1295058	Batch: 382322
Matrix (Source ID): Water (542490-001)	Method: EPA 300.0	Prep Method: METHOD

QC1295058 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	19.21	ND	20.00	mg/L	96%		80-129	0	21	1
Chloride	112.8	11.34	100.0	mg/L	101%		80-123	0	20	1
Nitrogen, Nitrite	8.866	0.03280	9.134	mg/L	97%		80-122	0	21	1
Bromide	13.66	0.06979	15.00	mg/L	91%		80-121	0	20	1
Nitrogen, Nitrate	12.12	3.562	9.036	mg/L	95%		80-123	0	20	1
Sulfate	90.65	43.39	50.00	mg/L	95%		79-124	0	20	1

Batch QC

Type: Blank	Lab ID: QC1296989	Batch: 382894
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1296989 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	09/25/25	09/29/25

Type: Lab Control Sample	Lab ID: QC1296990	Batch: 382894
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1296990 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9883	1.000	mg/L	99%		90-110

Type: Matrix Spike	Lab ID: QC1296991	Batch: 382894
Matrix (Source ID): Water (542337-001)	Method: EPA 350.1	Prep Method: METHOD

QC1296991 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.8854	ND	1.000	mg/L	89%	*	90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1296992	Batch: 382894
Matrix (Source ID): Water (542337-001)	Method: EPA 350.1	Prep Method: METHOD

QC1296992 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.003	ND	1.000	mg/L	100%		90-110	12	20	1

Type: Matrix Spike	Lab ID: QC1296993	Batch: 382894
Matrix (Source ID): Water (542337-002)	Method: EPA 350.1	Prep Method: METHOD

QC1296993 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.091	0.09666	1.000	mg/L	99%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1296994	Batch: 382894
Matrix (Source ID): Water (542337-002)	Method: EPA 350.1	Prep Method: METHOD

QC1296994 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.174	0.09666	1.000	mg/L	108%		90-110	7	20	1

Type: Blank	Lab ID: QC1296541	Batch: 382769
Matrix: Water	Method: EPA 420.1	Prep Method: METHOD

QC1296541 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Phenolics	ND		mg/L	0.010	0.0047	09/24/25	09/24/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1296542	Batch: 382769
Matrix: Water	Method: EPA 420.1	Prep Method: METHOD

QC1296542 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Phenolics	0.07500	0.08000	mg/L	94%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1296543	Batch: 382769
Matrix: Water	Method: EPA 420.1	Prep Method: METHOD

QC1296543 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Total Phenolics	0.07400	0.08000	mg/L	93%		80-120	1	20

Batch QC

Type: Blank
Matrix: Water

Lab ID: QC1295126

Batch: 382347

QC1295126 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Method: EPA 625.1 Prep Method: EPA 3510C							
Pyridine	ND		ug/L	10	1.7	09/19/25	09/19/25
Phenol	ND		ug/L	10	1.7	09/19/25	09/19/25
2-Methylphenol	ND		ug/L	10	3.3	09/19/25	09/19/25
3-,4-Methylphenol	ND		ug/L	10	3.1	09/19/25	09/19/25
Benzoic acid	8.6	J	ug/L	50	7.6	09/19/25	09/19/25
Naphthalene	ND		ug/L	10	3.8	09/19/25	09/19/25
Cresol	ND		ug/L	10		09/19/25	09/19/25
Method: EPA 8270C Prep Method: EPA 3510C							
Carbazole	ND		ug/L	10	1.9	09/19/25	09/19/25
N-Nitrosodimethylamine	ND		ug/L	10	2.8	09/19/25	09/19/25
Aniline	ND		ug/L	10	3.2	09/19/25	09/19/25
bis(2-Chloroethyl)ether	ND		ug/L	25	3.9	09/19/25	09/19/25
2-Chlorophenol	ND		ug/L	10	3.8	09/19/25	09/19/25
1,3-Dichlorobenzene	ND		ug/L	10	4.0	09/19/25	09/19/25
1,4-Dichlorobenzene	ND		ug/L	10	4.2	09/19/25	09/19/25
Benzyl alcohol	ND		ug/L	25	5.2	09/19/25	09/19/25
1,2-Dichlorobenzene	ND		ug/L	10	3.9	09/19/25	09/19/25
bis(2-Chloroisopropyl) ether	ND		ug/L	10	4.3	09/19/25	09/19/25
N-Nitroso-di-n-propylamine	ND		ug/L	10	4.2	09/19/25	09/19/25
Hexachloroethane	ND		ug/L	10	3.7	09/19/25	09/19/25
Nitrobenzene	ND		ug/L	25	8.4	09/19/25	09/19/25
Isophorone	ND		ug/L	10	4.2	09/19/25	09/19/25
2-Nitrophenol	ND		ug/L	10	4.6	09/19/25	09/19/25
2,4-Dimethylphenol	ND		ug/L	10	3.7	09/19/25	09/19/25
bis(2-Chloroethoxy)methane	ND		ug/L	10	3.9	09/19/25	09/19/25
2,4-Dichlorophenol	ND		ug/L	10	4.4	09/19/25	09/19/25
1,2,4-Trichlorobenzene	ND		ug/L	10	4.1	09/19/25	09/19/25
4-Chloroaniline	ND		ug/L	10	3.6	09/19/25	09/19/25
Hexachlorobutadiene	ND		ug/L	10	3.3	09/19/25	09/19/25
4-Chloro-3-methylphenol	ND		ug/L	10	3.9	09/19/25	09/19/25
2-Methylnaphthalene	ND		ug/L	10	3.6	09/19/25	09/19/25
Hexachlorocyclopentadiene	ND		ug/L	25	10	09/19/25	09/19/25
2,4,6-Trichlorophenol	ND		ug/L	10	4.4	09/19/25	09/19/25
2,4,5-Trichlorophenol	ND		ug/L	10	4.0	09/19/25	09/19/25
2-Chloronaphthalene	ND		ug/L	10	3.9	09/19/25	09/19/25
2-Nitroaniline	ND		ug/L	50	3.4	09/19/25	09/19/25
Dimethylphthalate	ND		ug/L	10	4.0	09/19/25	09/19/25
Acenaphthylene	ND		ug/L	10	4.7	09/19/25	09/19/25
2,6-Dinitrotoluene	ND		ug/L	10	3.9	09/19/25	09/19/25
3-Nitroaniline	ND		ug/L	10	3.6	09/19/25	09/19/25
Acenaphthene	ND		ug/L	10	3.6	09/19/25	09/19/25
2,4-Dinitrophenol	ND		ug/L	50	7.7	09/19/25	09/19/25
4-Nitrophenol	ND		ug/L	10	5.6	09/19/25	09/19/25
Dibenzofuran	ND		ug/L	10	3.6	09/19/25	09/19/25

Batch QC

QC1295126 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
2,4-Dinitrotoluene	ND		ug/L	10	3.3	09/19/25	09/19/25
Diethylphthalate	ND		ug/L	10	3.1	09/19/25	09/19/25
Fluorene	ND		ug/L	10	3.4	09/19/25	09/19/25
4-Chlorophenyl-phenylether	ND		ug/L	10	3.7	09/19/25	09/19/25
4-Nitroaniline	ND		ug/L	10	3.2	09/19/25	09/19/25
4,6-Dinitro-2-methylphenol	ND		ug/L	50	13	09/19/25	09/19/25
N-Nitrosodiphenylamine	ND		ug/L	10	5.8	09/19/25	09/19/25
1,2-diphenylhydrazine (as azobenzene)	ND		ug/L	10	3.8	09/19/25	09/19/25
4-Bromophenyl-phenylether	ND		ug/L	10	4.0	09/19/25	09/19/25
Hexachlorobenzene	ND		ug/L	10	3.6	09/19/25	09/19/25
Pentachlorophenol	ND		ug/L	25	3.2	09/19/25	09/19/25
Phenanthrene	ND		ug/L	10	2.7	09/19/25	09/19/25
Anthracene	ND		ug/L	10	2.6	09/19/25	09/19/25
Di-n-butylphthalate	ND		ug/L	10	1.7	09/19/25	09/19/25
Fluoranthene	ND		ug/L	10	1.6	09/19/25	09/19/25
Benzidine	ND		ug/L	50	14	09/19/25	09/19/25
Pyrene	ND		ug/L	10	1.9	09/19/25	09/19/25
Butylbenzylphthalate	ND		ug/L	10	2.2	09/19/25	09/19/25
3,3'-Dichlorobenzidine	ND		ug/L	25	3.5	09/19/25	09/19/25
Benzo(a)anthracene	ND		ug/L	10	0.99	09/19/25	09/19/25
Chrysene	ND		ug/L	10	1.2	09/19/25	09/19/25
bis(2-Ethylhexyl)phthalate	ND		ug/L	10	3.3	09/19/25	09/19/25
Di-n-octylphthalate	ND		ug/L	10	1.3	09/19/25	09/19/25
Benzo(b)fluoranthene	ND		ug/L	10	1.2	09/19/25	09/19/25
Benzo(k)fluoranthene	ND		ug/L	10	1.4	09/19/25	09/19/25
Benzo(a)pyrene	ND		ug/L	10	1.4	09/19/25	09/19/25
Indeno(1,2,3-cd)pyrene	ND		ug/L	10	1.2	09/19/25	09/19/25
Dibenz(a,h)anthracene	ND		ug/L	10	1.5	09/19/25	09/19/25
Benzo(g,h,i)perylene	ND		ug/L	10	1.5	09/19/25	09/19/25
Surrogates	Limits						
2-Fluorophenol	43%		%REC	15-120		09/19/25	09/19/25
Phenol-d6	28%		%REC	15-120		09/19/25	09/19/25
2,4,6-Tribromophenol	81%		%REC	15-140		09/19/25	09/19/25
Nitrobenzene-d5	69%		%REC	15-123		09/19/25	09/19/25
2-Fluorobiphenyl	68%		%REC	15-120		09/19/25	09/19/25
Terphenyl-d14	83%		%REC	15-120		09/19/25	09/19/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1295127	Batch: 382347
Matrix: Water	Method: EPA 8270C	Prep Method: EPA 3510C

QC1295127 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Phenol	25.23	75.00	ug/L	34%		14-120
2-Chlorophenol	53.44	75.00	ug/L	71%		46-120
1,4-Dichlorobenzene	52.73	75.00	ug/L	70%		42-120
3-,4-Methylphenol	51.37	75.00	ug/L	68%		40-120
N-Nitroso-di-n-propylamine	68.36	75.00	ug/L	91%		54-121
2,4-Dimethylphenol	67.58	75.00	ug/L	90%		48-120
1,2,4-Trichlorobenzene	58.10	75.00	ug/L	77%		45-120
4-Chloro-3-methylphenol	69.51	75.00	ug/L	93%		60-121
2,4,5-Trichlorophenol	69.23	75.00	ug/L	92%		62-124
Acenaphthene	63.24	75.00	ug/L	84%		56-120
4-Nitrophenol	28.28	75.00	ug/L	38%		17-120
2,4-Dinitrotoluene	78.11	75.00	ug/L	104%		69-127
Pentachlorophenol	60.91	75.00	ug/L	81%		51-120
Pyrene	67.66	75.00	ug/L	90%		68-123
Chrysene	68.08	75.00	ug/L	91%		66-120
Benzo(b)fluoranthene	73.25	75.00	ug/L	98%		67-120
Surrogates						
2-Fluorophenol	17.28	40.00	ug/L	43%		15-120
Phenol-d6	11.32	40.00	ug/L	28%		15-120
2,4,6-Tribromophenol	37.05	40.00	ug/L	93%		15-140
Nitrobenzene-d5	28.61	40.00	ug/L	72%		15-123
2-Fluorobiphenyl	29.48	40.00	ug/L	74%		15-120
Terphenyl-d14	33.36	40.00	ug/L	83%		15-120

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1295128	Batch: 382347
Matrix: Water	Method: EPA 8270C	Prep Method: EPA 3510C

QC1295128 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Phenol	26.29	75.00	ug/L	35%		14-120	4	52
2-Chlorophenol	55.07	75.00	ug/L	73%		46-120	3	52
1,4-Dichlorobenzene	53.76	75.00	ug/L	72%		42-120	2	53
3-,4-Methylphenol	53.01	75.00	ug/L	71%		40-120	3	51
N-Nitroso-di-n-propylamine	68.86	75.00	ug/L	92%		54-121	1	52
2,4-Dimethylphenol	68.02	75.00	ug/L	91%		48-120	1	52
1,2,4-Trichlorobenzene	60.29	75.00	ug/L	80%		45-120	4	54
4-Chloro-3-methylphenol	71.99	75.00	ug/L	96%		60-121	4	47
2,4,5-Trichlorophenol	71.11	75.00	ug/L	95%		62-124	3	46
Acenaphthene	62.14	75.00	ug/L	83%		56-120	2	46
4-Nitrophenol	28.71	75.00	ug/L	38%		17-120	1	44
2,4-Dinitrotoluene	79.24	75.00	ug/L	106%		69-127	1	40
Pentachlorophenol	60.76	75.00	ug/L	81%		51-120	0	42
Pyrene	67.65	75.00	ug/L	90%		68-123	0	39
Chrysene	68.42	75.00	ug/L	91%		66-120	1	38
Benzo(b)fluoranthene	72.22	75.00	ug/L	96%		67-120	1	39
Surrogates								
2-Fluorophenol	17.58	40.00	ug/L	44%		15-120		
Phenol-d6	12.27	40.00	ug/L	31%		15-120		
2,4,6-Tribromophenol	37.77	40.00	ug/L	94%		15-140		
Nitrobenzene-d5	29.81	40.00	ug/L	75%		15-123		
2-Fluorobiphenyl	29.48	40.00	ug/L	74%		15-120		
Terphenyl-d14	32.66	40.00	ug/L	82%		15-120		

Batch QC

Type: Blank
Matrix: Water

Lab ID: QC1295525

Batch: 382462

QC1295525 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Method: EPA 8081A Prep Method: EPA 3510C							
alpha-BHC	ND		ug/L	0.05	0.01	09/20/25	09/21/25
beta-BHC	ND		ug/L	0.05	0.01	09/20/25	09/21/25
gamma-BHC	ND		ug/L	0.05	0.009	09/20/25	09/21/25
delta-BHC	ND		ug/L	0.05	0.01	09/20/25	09/21/25
Heptachlor	ND		ug/L	0.05	0.01	09/20/25	09/21/25
Aldrin	ND		ug/L	0.05	0.01	09/20/25	09/21/25
Heptachlor epoxide	ND		ug/L	0.05	0.01	09/20/25	09/21/25
Endosulfan I	ND		ug/L	0.05	0.01	09/20/25	09/21/25
Dieldrin	ND		ug/L	0.1	0.01	09/20/25	09/21/25
4,4'-DDE	ND		ug/L	0.1	0.01	09/20/25	09/21/25
Endrin	ND		ug/L	0.1	0.01	09/20/25	09/21/25
Endosulfan II	ND		ug/L	0.1	0.02	09/20/25	09/21/25
Endosulfan sulfate	ND		ug/L	0.1	0.01	09/20/25	09/21/25
4,4'-DDD	ND		ug/L	0.1	0.01	09/20/25	09/21/25
Endrin aldehyde	ND		ug/L	0.1	0.02	09/20/25	09/21/25
Endrin ketone	ND		ug/L	0.1	0.02	09/20/25	09/21/25
4,4'-DDT	ND		ug/L	0.1	0.04	09/20/25	09/21/25
Methoxychlor	ND		ug/L	0.1	0.03	09/20/25	09/21/25
Toxaphene	ND		ug/L	2.0	0.4	09/20/25	09/21/25
Chlordane (Technical)	ND		ug/L	1.0	0.2	09/20/25	09/21/25
Surrogates				Limits			
TCMX	61%		%REC	29-120		09/20/25	09/21/25
Decachlorobiphenyl	101%		%REC	33-132		09/20/25	09/21/25
Method: EPA 8082 Prep Method: EPA 3510C							
Aroclor-1016	ND		ug/L	0.50	0.30	09/20/25	09/21/25
Aroclor-1221	ND		ug/L	0.50	0.47	09/20/25	09/21/25
Aroclor-1232	ND		ug/L	0.50	0.27	09/20/25	09/21/25
Aroclor-1242	ND		ug/L	0.50	0.29	09/20/25	09/21/25
Aroclor-1248	ND		ug/L	0.50	0.24	09/20/25	09/21/25
Aroclor-1254	ND		ug/L	0.50	0.27	09/20/25	09/21/25
Aroclor-1260	ND		ug/L	0.50	0.33	09/20/25	09/21/25
Aroclor-1262	ND		ug/L	0.50	0.29	09/20/25	09/21/25
Aroclor-1268	ND		ug/L	0.50	0.26	09/20/25	09/21/25
Surrogates				Limits			
Decachlorobiphenyl (PCB)	111%		%REC	28-138		09/20/25	09/21/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1295526	Batch: 382462
Matrix: Water	Method: EPA 8081A	Prep Method: EPA 3510C

QC1295526 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	0.4987	0.5000	ug/L	100%		66-121
beta-BHC	0.4868	0.5000	ug/L	97%		73-120
gamma-BHC	0.5408	0.5000	ug/L	108%		68-125
delta-BHC	0.5593	0.5000	ug/L	112%		68-131
Heptachlor	0.4895	0.5000	ug/L	98%		63-120
Aldrin	0.4533	0.5000	ug/L	91%		56-120
Heptachlor epoxide	0.5023	0.5000	ug/L	100%		65-120
Endosulfan I	0.5258	0.5000	ug/L	105%		68-124
Dieldrin	0.5366	0.5000	ug/L	107%		66-124
4,4'-DDE	0.5654	0.5000	ug/L	113%		67-131
Endrin	0.5865	0.5000	ug/L	117%		68-135
Endosulfan II	0.5496	0.5000	ug/L	110%		71-130
Endosulfan sulfate	0.5426	0.5000	ug/L	109%		68-128
4,4'-DDD	0.5218	0.5000	ug/L	104%		65-130
Endrin aldehyde	0.5043	0.5000	ug/L	101%		67-124
Endrin ketone	0.5757	0.5000	ug/L	115%		69-137
4,4'-DDT	0.5832	0.5000	ug/L	117%		65-136
Methoxychlor	0.6014	0.5000	ug/L	120%		69-150
Surrogates						
TCMX	0.3735	0.5000	ug/L	75%		29-120
Decachlorobiphenyl	0.4685	0.5000	ug/L	94%		33-132

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1295527	Batch: 382462
Matrix: Water	Method: EPA 8081A	Prep Method: EPA 3510C

QC1295527 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
alpha-BHC	0.4766	0.5000	ug/L	95%		66-121	5	20
beta-BHC	0.4709	0.5000	ug/L	94%		73-120	3	20
gamma-BHC	0.5195	0.5000	ug/L	104%		68-125	4	20
delta-BHC	0.5390	0.5000	ug/L	108%		68-131	4	20
Heptachlor	0.4622	0.5000	ug/L	92%		63-120	6	24
Aldrin	0.4238	0.5000	ug/L	85%		56-120	7	30
Heptachlor epoxide	0.4872	0.5000	ug/L	97%		65-120	3	20
Endosulfan I	0.5121	0.5000	ug/L	102%		68-124	3	20
Dieldrin	0.5245	0.5000	ug/L	105%		66-124	2	22
4,4'-DDE	0.5504	0.5000	ug/L	110%		67-131	3	21
Endrin	0.5776	0.5000	ug/L	116%		68-135	2	20
Endosulfan II	0.5560	0.5000	ug/L	111%		71-130	1	21
Endosulfan sulfate	0.5394	0.5000	ug/L	108%		68-128	1	21
4,4'-DDD	0.5178	0.5000	ug/L	104%		65-130	1	22
Endrin aldehyde	0.5011	0.5000	ug/L	100%		67-124	1	20
Endrin ketone	0.5741	0.5000	ug/L	115%		69-137	0	21
4,4'-DDT	0.5789	0.5000	ug/L	116%		65-136	1	23
Methoxychlor	0.6013	0.5000	ug/L	120%		69-150	0	23
Surrogates								
TCMX	0.3060	0.5000	ug/L	61%		29-120		
Decachlorobiphenyl	0.4764	0.5000	ug/L	95%		33-132		

Type: Lab Control Sample	Lab ID: QC1295528	Batch: 382462
Matrix: Water	Method: EPA 8082	Prep Method: EPA 3510C

QC1295528 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	4.420	5.000	ug/L	88%		69-120
Aroclor-1260	4.933	5.000	ug/L	99%		72-124
Surrogates						
Decachlorobiphenyl (PCB)	0.4984	0.5000	ug/L	100%		28-138

Type: Lab Control Sample Duplicate	Lab ID: QC1295529	Batch: 382462
Matrix: Water	Method: EPA 8082	Prep Method: EPA 3510C

QC1295529 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Aroclor-1016	4.711	5.000	ug/L	94%		69-120	6	22
Aroclor-1260	5.215	5.000	ug/L	104%		72-124	6	25
Surrogates								
Decachlorobiphenyl (PCB)	0.5488	0.5000	ug/L	110%		28-138		

Batch QC

Type: Lab Control Sample	Lab ID: QC1295398	Batch: 382436
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1295398 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	43.02	50.00	ug/L	86%		69-128
MTBE	41.80	50.00	ug/L	84%		66-125
Benzene	45.77	50.00	ug/L	92%		76-121
Trichloroethene	45.21	50.00	ug/L	90%		76-124
Toluene	45.46	50.00	ug/L	91%		76-120
Chlorobenzene	45.58	50.00	ug/L	91%		78-120
Surrogates						
Dibromofluoromethane	48.78	50.00	ug/L	98%		70-130
1,2-Dichloroethane-d4	48.63	50.00	ug/L	97%		70-130
Toluene-d8	50.37	50.00	ug/L	101%		70-130
Bromofluorobenzene	48.68	50.00	ug/L	97%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1295399	Batch: 382436
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1295399 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	51.19	50.00	ug/L	102%		69-128	17	23
MTBE	49.68	50.00	ug/L	99%		66-125	17	22
Benzene	52.63	50.00	ug/L	105%		76-121	14	21
Trichloroethene	49.78	50.00	ug/L	100%		76-124	10	22
Toluene	49.89	50.00	ug/L	100%		76-120	9	21
Chlorobenzene	52.71	50.00	ug/L	105%		78-120	15	20
Surrogates								
Dibromofluoromethane	48.52	50.00	ug/L	97%		70-130		
1,2-Dichloroethane-d4	47.91	50.00	ug/L	96%		70-130		
Toluene-d8	48.90	50.00	ug/L	98%		70-130		
Bromofluorobenzene	54.71	50.00	ug/L	109%		70-130		

Type: Matrix Spike	Lab ID: QC1295408	Batch: 382436
Matrix (Source ID): Water (542337-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1295408 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	19.33	ND	20.00	ug/L	97%		62-131	1
MTBE	18.50	ND	20.00	ug/L	93%		61-124	1
Benzene	19.73	ND	20.00	ug/L	99%		70-123	1
Trichloroethene	20.20	ND	20.00	ug/L	101%		65-131	1
Toluene	19.65	ND	20.00	ug/L	98%		69-120	1
Chlorobenzene	19.50	ND	20.00	ug/L	97%		72-121	1
Surrogates								
Dibromofluoromethane	48.19		50.00	ug/L	96%		70-130	1
1,2-Dichloroethane-d4	49.79		50.00	ug/L	100%		70-130	1
Toluene-d8	50.54		50.00	ug/L	101%		70-130	1
Bromofluorobenzene	50.76		50.00	ug/L	102%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1295409	Batch: 382436
Matrix (Source ID): Water (542337-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1295409 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	21.12	ND	20.00	ug/L	106%		62-131	9	31	1
MTBE	18.48	ND	20.00	ug/L	92%		61-124	0	30	1
Benzene	21.01	ND	20.00	ug/L	105%		70-123	6	31	1
Trichloroethene	22.06	ND	20.00	ug/L	110%		65-131	9	31	1
Toluene	21.26	ND	20.00	ug/L	106%		69-120	8	29	1
Chlorobenzene	20.91	ND	20.00	ug/L	105%		72-121	7	29	1
Surrogates										
Dibromofluoromethane	49.85		50.00	ug/L	100%		70-130			1
1,2-Dichloroethane-d4	49.47		50.00	ug/L	99%		70-130			1
Toluene-d8	51.39		50.00	ug/L	103%		70-130			1
Bromofluorobenzene	49.91		50.00	ug/L	100%		70-130			1

Batch QC

Type: Blank	Lab ID: QC1295410	Batch: 382436
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1295410 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Carbon Disulfide	ND		ug/L	5.0	0.1	09/19/25	09/19/25
Chloroprene	ND		ug/L	200	2.7	09/19/25	09/19/25
3-Chloropropene	ND		ug/L	5.0	0.2	09/19/25	09/19/25
Ethyl methacrylate	ND		ug/L	50	3.9	09/19/25	09/19/25
Ethanol	ND		ug/L	500	160	09/19/25	09/19/25
2-Hexanone	ND		ug/L	5.0	1.3	09/19/25	09/19/25
Isopropanol (IPA)	ND		ug/L	200	96	09/19/25	09/19/25
Methyl acrylonitrile	ND		ug/L	35	4.2	09/19/25	09/19/25
Vinyl Acetate	ND		ug/L	50	3.2	09/19/25	09/19/25
Acrolein	ND		ug/L	200	2.6	09/19/25	09/19/25
Acrylonitrile	ND		ug/L	10	0.7	09/19/25	09/19/25
Freon 12	ND		ug/L	5.0	0.2	09/19/25	09/19/25
Chloromethane	ND		ug/L	5.0	0.09	09/19/25	09/19/25
Vinyl Chloride	ND		ug/L	5.0	0.1	09/19/25	09/19/25
Bromomethane	ND		ug/L	5.0	0.1	09/19/25	09/19/25
Chloroethane	ND		ug/L	5.0	0.1	09/19/25	09/19/25
Trichlorofluoromethane	ND		ug/L	5.0	0.1	09/19/25	09/19/25
Iodomethane	ND		ug/L	5.0		09/19/25	09/19/25
Acetone	ND		ug/L	100	14	09/19/25	09/19/25
Freon 113	ND		ug/L	5.0	0.1	09/19/25	09/19/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
Methylene Chloride	ND		ug/L	10	0.2	09/19/25	09/19/25
MTBE	ND		ug/L	5.0	0.1	09/19/25	09/19/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
1,1-Dichloroethane	ND		ug/L	5.0	0.09	09/19/25	09/19/25
2-Butanone	ND		ug/L	10	1.3	09/19/25	09/19/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
2,2-Dichloropropane	ND		ug/L	5.0	0.2	09/19/25	09/19/25
Chloroform	ND		ug/L	5.0	0.08	09/19/25	09/19/25
Bromochloromethane	ND		ug/L	5.0	0.1	09/19/25	09/19/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	09/19/25	09/19/25
1,1-Dichloropropene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
Carbon Tetrachloride	ND		ug/L	5.0	0.1	09/19/25	09/19/25
1,2-Dichloroethane	ND		ug/L	5.0	0.2	09/19/25	09/19/25
Benzene	ND		ug/L	1.0	0.1	09/19/25	09/19/25
Trichloroethene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
1,2-Dichloropropane	ND		ug/L	5.0	0.09	09/19/25	09/19/25
Bromodichloromethane	ND		ug/L	5.0	0.07	09/19/25	09/19/25
Dibromomethane	ND		ug/L	5.0	0.1	09/19/25	09/19/25
4-Methyl-2-Pentanone	ND		ug/L	10	1.0	09/19/25	09/19/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
Toluene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	09/19/25	09/19/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	09/19/25	09/19/25
1,3-Dichloropropane	ND		ug/L	5.0	0.07	09/19/25	09/19/25
Tetrachloroethene	ND		ug/L	5.0	0.2	09/19/25	09/19/25
Dibromochloromethane	ND		ug/L	5.0	0.1	09/19/25	09/19/25

Batch QC

QC1295410 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,2-Dibromoethane	ND		ug/L	5.0	0.1	09/19/25	09/19/25
Chlorobenzene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	09/19/25	09/19/25
Ethylbenzene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
m,p-Xylenes	ND		ug/L	5.0	0.2	09/19/25	09/19/25
o-Xylene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
Styrene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
Bromoform	ND		ug/L	5.0	0.06	09/19/25	09/19/25
Isopropylbenzene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	09/19/25	09/19/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	09/19/25	09/19/25
Propylbenzene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
Bromobenzene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
2-Chlorotoluene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
4-Chlorotoluene	ND		ug/L	5.0	0.2	09/19/25	09/19/25
tert-Butylbenzene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
sec-Butylbenzene	ND		ug/L	5.0	0.2	09/19/25	09/19/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	09/19/25	09/19/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	09/19/25	09/19/25
n-Butylbenzene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	09/19/25	09/19/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	09/19/25	09/19/25
Hexachlorobutadiene	ND		ug/L	5.0	0.3	09/19/25	09/19/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	09/19/25	09/19/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	09/19/25	09/19/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	09/19/25	09/19/25
Xylene (total)	ND		ug/L	5.0		09/19/25	09/19/25
Surrogates				Limits			
Dibromofluoromethane	99%		%REC	70-130		09/19/25	09/19/25
1,2-Dichloroethane-d4	98%		%REC	70-130		09/19/25	09/19/25
Toluene-d8	102%		%REC	70-130		09/19/25	09/19/25
Bromofluorobenzene	94%		%REC	70-130		09/19/25	09/19/25

Type: Blank	Lab ID: QC1295341	Batch: 382415
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1295341 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.87	09/19/25	09/21/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		09/19/25	09/21/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1295342	Batch: 382415
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1295342 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	10.06	10.00	ug/L	101%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	9.976	10.00	ug/L	100%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1295343	Batch: 382415
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1295343 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	10.09	10.00	ug/L	101%		79-120	0	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.07	10.00	ug/L	101%		80-120		

Type: Blank	Lab ID: QC1296568	Batch: 382786
Matrix: Water	Method: SM 4500-CN-E	Prep Method: METHOD

QC1296568 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Cyanide	ND		mg/L	0.0050	0.0017	09/24/25	09/26/25

Type: Lab Control Sample	Lab ID: QC1296569	Batch: 382786
Matrix: Water	Method: SM 4500-CN-E	Prep Method: METHOD

QC1296569 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Cyanide	0.09849	0.1000	mg/L	98%		85-115

Type: Matrix Spike	Lab ID: QC1296570	Batch: 382786
Matrix (Source ID): Water (542461-001)	Method: SM 4500-CN-E	Prep Method: METHOD

QC1296570 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Cyanide	0.1004	ND	0.1000	mg/L	100%		80-120	0.5

Type: Matrix Spike Duplicate	Lab ID: QC1296571	Batch: 382786
Matrix (Source ID): Water (542461-001)	Method: SM 4500-CN-E	Prep Method: METHOD

QC1296571 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Cyanide	0.09865	ND	0.1000	mg/L	99%		80-120	2	20	0.5

Batch QC

Type: Matrix Spike	Lab ID: QC1296572	Batch: 382786
Matrix (Source ID): Water (542574-001)	Method: SM 4500-CN-E	Prep Method: METHOD

QC1296572 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Cyanide	0.09887	ND	0.1000	mg/L	99%		80-120	0.5

Type: Matrix Spike Duplicate	Lab ID: QC1296573	Batch: 382786
Matrix (Source ID): Water (542574-001)	Method: SM 4500-CN-E	Prep Method: METHOD

QC1296573 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Cyanide	0.09951	ND	0.1000	mg/L	100%		80-120	1	20	0.5

Type: Blank	Lab ID: QC1295857	Batch: 382564
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1295857 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		09/22/25	09/22/25

Type: Lab Control Sample	Lab ID: QC1295858	Batch: 382564
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1295858 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1296160	Batch: 382564
Matrix (Source ID): Water (542560-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1296160 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1296161	Batch: 382564
Matrix (Source ID): Water (542560-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1296161 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	0	20	1

Type: Blank	Lab ID: QC1295038	Batch: 382325
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1295038 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.49	09/18/25	09/18/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1295039	Batch: 382325
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1295039 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	22.62	25.00	mg/L	90%		85-115

Type: Matrix Spike	Lab ID: QC1295040	Batch: 382325
Matrix (Source ID): Water (542431-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1295040 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	42,940	30020	12500	mg/L	103%		75-125	500

Type: Matrix Spike Duplicate	Lab ID: QC1295041	Batch: 382325
Matrix (Source ID): Water (542431-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1295041 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Total Organic Carbon	43,260	30020	12500	mg/L	106%		75-125	1	25	500

Type: Sample Duplicate	Lab ID: QC1295037	Batch: 382324
Matrix (Source ID): Water (542453-001)	Method: SM2130B	

QC1295037 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Turbidity	0.6870	0.6630	NTU		4	20	1

Type: Blank	Lab ID: QC1295509	Batch: 382459
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1295509 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Bicarbonate	ND		mg/L	2.0		09/20/25	09/20/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		09/20/25	09/20/25

Type: Lab Control Sample	Lab ID: QC1295510	Batch: 382459
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1295510 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	1,057	1000	mg/L	106%		90-110

Batch QC

Type: Sample Duplicate	Lab ID: QC1295511	Batch: 382459
Matrix (Source ID): Water (542522-002)	Method: SM2320B	Prep Method: METHOD

QC1295511 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Bicarbonate	759.6	751.9	mg/L		1	20	5
Alkalinity, Total as CaCO ₃	622.6	616.4	mg/L		1	20	5

Type: Sample Duplicate	Lab ID: QC1295922	Batch: 382578
Matrix (Source ID): Water (542490-001)	Method: SM2510B	Prep Method: METHOD

QC1295922 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Specific Conductance	290.8	290.5	umhos/cm		0	20	1

Type: Blank	Lab ID: QC1295905	Batch: 382577
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1295905 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	5.0		09/22/25	09/23/25

Type: Lab Control Sample	Lab ID: QC1295906	Batch: 382577
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1295906 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,001	1000	mg/L	100%		90-110

Type: Sample Duplicate	Lab ID: QC1295907	Batch: 382577
Matrix (Source ID): Water (542453-001)	Method: SM2540C	Prep Method: METHOD

QC1295907 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	2,110	2060	mg/L		2	5	2

Type: Sample Duplicate	Lab ID: QC1295908	Batch: 382577
Matrix (Source ID): Water (542513-003)	Method: SM2540C	Prep Method: METHOD

QC1295908 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	482.0	500.0	mg/L		4	5	2

Type: Blank	Lab ID: QC1295538	Batch: 382466
Matrix: Water	Method: SM2540D	Prep Method: METHOD

QC1295538 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Suspended Solids	ND		mg/L	0.5		09/20/25	09/22/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1295539	Batch: 382466
Matrix: Water	Method: SM2540D	Prep Method: METHOD

QC1295539 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Suspended Solids	100.7	100.0	mg/L	101%		90-110

Type: Lab Control Sample Duplicate	Lab ID: QC1295540	Batch: 382466
Matrix: Water	Method: SM2540D	Prep Method: METHOD

QC1295540 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Total Suspended Solids	100.9	100.0	mg/L	101%		90-110	0	5

Type: Sample Duplicate	Lab ID: QC1295541	Batch: 382466
Matrix (Source ID): Water (542150-003)	Method: SM2540D	Prep Method: METHOD

QC1295541 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Suspended Solids	1,412	1362	mg/L		4	5	1

Type: Sample Duplicate	Lab ID: QC1295542	Batch: 382466
Matrix (Source ID): Water (542155-004)	Method: SM2540D	Prep Method: METHOD

QC1295542 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Suspended Solids	72.00	75.00	mg/L		4	5	1

Type: Blank	Lab ID: QC1295154	Batch: 382353
Matrix: Water	Method: SM5210B	Prep Method: METHOD

QC1295154 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Biochemical Oxygen Demand	ND	BOD4	mg/L	3.0		09/19/25 09:09	09/24/25 12:18

Type: Lab Control Sample	Lab ID: QC1295155	Batch: 382353
Matrix: Water	Method: SM5210B	Prep Method: METHOD

QC1295155 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Biochemical Oxygen Demand	207.5	198.0	mg/L	105%		84.6-115.4

Type: Sample Duplicate	Lab ID: QC1295156	Batch: 382353
Matrix (Source ID): Water (542150-004)	Method: SM5210B	Prep Method: METHOD

QC1295156 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Biochemical Oxygen Demand	3,561	3611	mg/L		1	30	1

Batch QC

Type: Blank	Lab ID: QC1296867	Batch: 382863
Matrix: Water	Method: SM5220D	Prep Method: METHOD

QC1296867 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	09/25/25	09/25/25

Type: Lab Control Sample	Lab ID: QC1296868	Batch: 382863
Matrix: Water	Method: SM5220D	Prep Method: METHOD

QC1296868 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	109.0	100.0	mg/L	109%		90-110

Type: Matrix Spike	Lab ID: QC1296873	Batch: 382863
Matrix (Source ID): Water (542787-001)	Method: SM5220D	Prep Method: METHOD

QC1296873 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	108.0	ND	100.0	mg/L	105%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1296874	Batch: 382863
Matrix (Source ID): Water (542787-001)	Method: SM5220D	Prep Method: METHOD

QC1296874 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	122.0	ND	100.0	mg/L	119%		75-125	12	20	2

* Value is outside QC limits
 BOD4 Estimated result, dissolved oxygen loss observed in blank water check
 E Response exceeds instrument's linear range
 J Estimated value
 ND Not Detected
 NM Not Meaningful

Laboratory Job Number 542490

Subcontracted Products

Pace Laboratories



Date of Report: 09/30/2025

Zachary Barker

Enthalpy Laboratories-Orange
931 West Barkley Avenue
Orange, CA 92868

Client Project: EO-542490
Pace Project: Soil & Waters (Zachary Barker)
Pace Work Order: 2516526
Invoice ID: B524536

Enclosed are the results of analyses for samples received by the laboratory on 9/19/2025. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Ragen Williams
Client Service Rep

Steven Bennett
Operations Manager

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
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931 West Barkley Ave
Orange, CA 92868
(714) 771-6900



2516526

Subcontract Laboratory:

Pace Laboratories
4100 Atlas Court
Bakersfield, CA 93308
ATTN: Ragen Schallock
PO #: Required, to be sent via email

2516526

Enthalpy Order: EO-542490

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

Results Due: Standard TAT

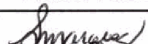
Report Level: II

Report To: MDL

EDDs: ELM_TransferOut (Standard Excel Transfer EDD, 3 tabs)

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
SOUTH BASIN - WESTERN INLET	18-SEP-2025 08:15	542490-001	1	Water	Organophosphorus Pesticides	-1
SOUTH BASIN - EASTERN INLET	18-SEP-2025 08:45	542490-002	1	Water	Organophosphorus Pesticides	-2

Notes:	Relinquished By:	Received By:
		
	Date: 9/18/15	Date: 9-19-25 1637
	Date:	Date:
	Date:	Date:

Chain of Custody and Cooler Receipt Form for 2516526 Page 2 of 2

PACE ANALYTICAL		COOLER RECEIPT FORM		Page <u>1</u> Of <u>1</u>							
Submission #: <u>2516526</u>											
SHIPPING INFORMATION Fed Ex ☒ UPS ☐ GSO / GLS ☐ Hand Delivery ☐ Pace Lab Field Service ☐ Other ☐ (Specify) _____			SHIPPING CONTAINER Ice Chest ☒ None ☐ Box ☐ Other ☐ (Specify) _____		FREE LIQUID YES ☐ NO ☒ <u>W</u> / <u>S</u>						
Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments: _____											
Custody Seals Ice Chest ☐ Containers ☐ None ☒ Comments: _____ Intact? Yes ☐ No ☐ Intact? Yes ☐ No ☐											
All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☒ No ☐											
COC Received ☒ YES ☐ NO		Emissivity: <u>0.97</u> Container: <u>NA</u> Thermometer ID: <u>367</u> Temperature: (A) <u>3.6</u> °C / (C) <u>3.2</u> °C		Date/Time <u>9-19-25</u> Analyst Init <u>SAH 1037</u>							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		1	2	3	4	5	6	7	8	9	10
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶⁺											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664B											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL - 504											
QT EPA 508/608.3/8081A											
QT EPA 515.1/8151A											
QT EPA 525.2											
QT EPA 525.2 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548.1											
QT EPA 549.2											
QT EPA 8015M											
QT EPA 8270C											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR											
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

CHK BY SAH DISTRIBUTION
 SUB OUT ☐

Comments:
 Sample Numbering Completed By: SAH
 A = Actual / C = Corrected

Date/Time: 9/19/25 1213

Rev 23 05/20/22

[S:\WPDoc\WordPerfect\LAB_DOCS\FORM 5\SAMRECrev 20]

Enthalpy Laboratories-Orange
931 West Barkley Avenue
Orange, CA 92868

Reported: 09/30/2025 16:41
Project: Soil & Waters (Zachary Barker)
Project Number: EO-542490
Project Manager: Zachary Barker

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2516526-01	COC Number:	---	Receive Date:	09/19/2025 10:37
	Project Number:	---	Sampling Date:	09/18/2025 08:15
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SOUTH BASIN - WESTERN INLET	Lab Matrix:	Water
	Sampled By:	client	Sample Type:	Water
2516526-02	COC Number:	---	Receive Date:	09/19/2025 10:37
	Project Number:	---	Sampling Date:	09/18/2025 08:45
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SOUTH BASIN - EASTERN INLET	Lab Matrix:	Water
	Sampled By:	client	Sample Type:	Water

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Enthalpy Laboratories-Orange
931 West Barkley Avenue
Orange, CA 92868

Reported: 09/30/2025 16:41
Project: Soil & Waters (Zachary Barker)
Project Number: EO-542490
Project Manager: Zachary Barker

Organo-Phosphorus Pesticide Analysis (EPA Method 8141A)

Pace Sample ID: 2516526-01		Client Sample Name: SOUTH BASIN - WESTERN INLET, 9/18/2025 8:15:00AM, client							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN	
Azinphos methyl	ND	ug/L	0.50	0.12	EPA-8141A	ND		1	
Bolstar	ND	ug/L	0.20	0.050	EPA-8141A	ND		1	
Chlorpyrifos	ND	ug/L	0.20	0.050	EPA-8141A	ND		1	
Coumaphos	ND	ug/L	0.50	0.11	EPA-8141A	ND		1	
Demeton O/S	ND	ug/L	0.20	0.056	EPA-8141A	ND		1	
Diazinon	ND	ug/L	0.20	0.050	EPA-8141A	ND		1	
Dichlorvos	ND	ug/L	0.20	0.050	EPA-8141A	ND		1	
Disulfoton	ND	ug/L	0.20	0.050	EPA-8141A	ND		1	
Ethoprop	ND	ug/L	0.20	0.052	EPA-8141A	ND		1	
Fensulfothion	ND	ug/L	0.20	0.051	EPA-8141A	ND		1	
Fenthion	ND	ug/L	0.20	0.050	EPA-8141A	ND		1	
Merphos	ND	ug/L	0.20	0.050	EPA-8141A	ND		1	
Methyl parathion	ND	ug/L	0.20	0.050	EPA-8141A	ND		1	
Mevinphos	ND	ug/L	0.20	0.050	EPA-8141A	ND		1	
Naled	ND	ug/L	0.50	0.17	EPA-8141A	ND		1	
Phorate	ND	ug/L	0.20	0.066	EPA-8141A	ND		1	
Ronnel (Fenchlorphos)	ND	ug/L	0.20	0.050	EPA-8141A	ND		1	
Stirophos (Tetrachlorvinphos)	ND	ug/L	0.20	0.082	EPA-8141A	ND		1	
Tokuthion (Prothiofos)	ND	ug/L	0.20	0.050	EPA-8141A	ND		1	
Trichloronate	ND	ug/L	0.20	0.050	EPA-8141A	ND		1	
Triphenylphosphate (Surrogate)	82.0	%	50 - 130 (LCL - UCL)		EPA-8141A			1	

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8141A	09/23/25 14:00	09/30/25 03:12	OLH	GC-18	1	B219616	EPA 3510C

DCN = Data Continuation Number

Enthalpy Laboratories-Orange
931 West Barkley Avenue
Orange, CA 92868

Reported: 09/30/2025 16:41
Project: Soil & Waters (Zachary Barker)
Project Number: EO-542490
Project Manager: Zachary Barker

Organo-Phosphorus Pesticide Analysis (EPA Method 8141A)

Pace Sample ID: 2516526-02		Client Sample Name: SOUTH BASIN - EASTERN INLET, 9/18/2025 8:45:00AM, client						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Azinphos methyl	ND	ug/L	1.0	0.24	EPA-8141A	ND	A10	1
Bolstar	ND	ug/L	0.40	0.10	EPA-8141A	ND	A10	1
Chlorpyrifos	ND	ug/L	0.40	0.10	EPA-8141A	ND	A10	1
Coumaphos	ND	ug/L	1.0	0.22	EPA-8141A	ND	A10	1
Demeton O/S	ND	ug/L	0.40	0.11	EPA-8141A	ND	A10	1
Diazinon	ND	ug/L	0.40	0.10	EPA-8141A	ND	A10	1
Dichlorvos	ND	ug/L	0.40	0.10	EPA-8141A	ND	A10	1
Disulfoton	ND	ug/L	0.40	0.10	EPA-8141A	ND	A10	1
Ethoprop	ND	ug/L	0.40	0.10	EPA-8141A	ND	A10	1
Fensulfothion	ND	ug/L	0.40	0.10	EPA-8141A	ND	A10	1
Fenthion	ND	ug/L	0.40	0.10	EPA-8141A	ND	A10	1
Merphos	ND	ug/L	0.40	0.10	EPA-8141A	ND	A10	1
Methyl parathion	ND	ug/L	0.40	0.10	EPA-8141A	ND	A10	1
Mevinphos	ND	ug/L	0.40	0.10	EPA-8141A	ND	A10	1
Naled	ND	ug/L	1.0	0.34	EPA-8141A	ND	A10	1
Phorate	ND	ug/L	0.40	0.13	EPA-8141A	ND	A10	1
Ronnel (Fenchlorphos)	ND	ug/L	0.40	0.10	EPA-8141A	ND	A10	1
Stirophos (Tetrachlorvinphos)	ND	ug/L	0.40	0.16	EPA-8141A	ND	A10	1
Tokuthion (Prothiofos)	ND	ug/L	0.40	0.10	EPA-8141A	ND	A10	1
Trichloronate	ND	ug/L	0.40	0.10	EPA-8141A	ND	A10	1
Triphenylphosphate (Surrogate)	40.4	%	50 - 130 (LCL - UCL)		EPA-8141A		S09	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8141A	09/23/25 14:00	09/30/25 03:42	OLH	GC-18	2	B219616	EPA 3510C

DCN = Data Continuation Number

Enthalpy Laboratories-Orange
931 West Barkley Avenue
Orange, CA 92868

Reported: 09/30/2025 16:41
Project: Soil & Waters (Zachary Barker)
Project Number: EO-542490
Project Manager: Zachary Barker

Organo-Phosphorus Pesticide Analysis (EPA Method 8141A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B219616							
Azinphos methyl	B219616-BLK1	ND	ug/L	0.50	0.12		1
Bolstar	B219616-BLK1	ND	ug/L	0.20	0.050		1
Chlorpyrifos	B219616-BLK1	ND	ug/L	0.20	0.050		1
Coumaphos	B219616-BLK1	ND	ug/L	0.50	0.11		1
Demeton O/S	B219616-BLK1	ND	ug/L	0.20	0.056		1
Diazinon	B219616-BLK1	ND	ug/L	0.20	0.050		1
Dichlorvos	B219616-BLK1	ND	ug/L	0.20	0.050		1
Disulfoton	B219616-BLK1	ND	ug/L	0.20	0.050		1
Ethoprop	B219616-BLK1	ND	ug/L	0.20	0.052		1
Fensulfothion	B219616-BLK1	ND	ug/L	0.20	0.051		1
Fenthion	B219616-BLK1	ND	ug/L	0.20	0.050		1
Merphos	B219616-BLK1	ND	ug/L	0.20	0.050		1
Methyl parathion	B219616-BLK1	ND	ug/L	0.20	0.050		1
Mevinphos	B219616-BLK1	ND	ug/L	0.20	0.050		1
Naled	B219616-BLK1	ND	ug/L	0.50	0.17		1
Phorate	B219616-BLK1	ND	ug/L	0.20	0.066		1
Ronnel (Fenchlorphos)	B219616-BLK1	ND	ug/L	0.20	0.050		1
Stirophos (Tetrachlorvinphos)	B219616-BLK1	ND	ug/L	0.20	0.082		1
Tokuthion (Prothiofos)	B219616-BLK1	ND	ug/L	0.20	0.050		1
Trichloronate	B219616-BLK1	ND	ug/L	0.20	0.050		1
Triphenylphosphate (Surrogate)	B219616-BLK1	94.8	%	50 - 130 (LCL - UCL)			1

Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B219616-BLK1	PB	EPA-8141A	09/23/25	09/30/25 00:44	OLH	GC-18	1

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. Pace Analytical assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Enthalpy Laboratories-Orange
931 West Barkley Avenue
Orange, CA 92868

Reported: 09/30/2025 16:41
Project: Soil & Waters (Zachary Barker)
Project Number: EO-542490
Project Manager: Zachary Barker

Organo-Phosphorus Pesticide Analysis (EPA Method 8141A)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab	
								Percent Recovery	RPD	Quals	Run #
QC Batch ID: B219616											
Bolstar	B219616-BS1	LCS	1.3200	2.0000	ug/L	66.0		50 - 130			1
	B219616-BSD1	LCSD	1.3150	2.0000	ug/L	65.8	0.4	50 - 130	30		2
Chlorpyrifos	B219616-BS1	LCS	1.5050	2.0000	ug/L	75.2		60 - 120			1
	B219616-BSD1	LCSD	1.4600	2.0000	ug/L	73.0	3.0	60 - 120	30		2
Diazinon	B219616-BS1	LCS	1.6100	2.0000	ug/L	80.5		60 - 130			1
	B219616-BSD1	LCSD	1.6050	2.0000	ug/L	80.2	0.3	60 - 130	30		2
Methyl parathion	B219616-BS1	LCS	1.3350	2.0000	ug/L	66.8		60 - 120			1
	B219616-BSD1	LCSD	1.3250	2.0000	ug/L	66.2	0.8	60 - 120	30		2
Mevinphos	B219616-BS1	LCS	2.2800	2.0000	ug/L	114		50 - 120			1
	B219616-BSD1	LCSD	2.2800	2.0000	ug/L	114	0	50 - 120	30		2
Ronnel (Fenchlorphos)	B219616-BS1	LCS	1.3100	2.0000	ug/L	65.5		50 - 120			1
	B219616-BSD1	LCSD	1.3150	2.0000	ug/L	65.8	0.4	50 - 120	30		2
Stirophos (Tetrachlorvinphos)	B219616-BS1	LCS	1.4100	2.0000	ug/L	70.5		50 - 120			1
	B219616-BSD1	LCSD	1.3150	2.0000	ug/L	65.8	7.0	50 - 120	30		2
Triphenylphosphate (Surrogate)	B219616-BS1	LCS	2.0000	2.5000	ug/L	80.0		50 - 130			1
	B219616-BSD1	LCSD	2.2700	2.5000	ug/L	90.8	12.6	50 - 130			2

Run #	QC Sample ID	QC Type	Method	Prep Date	Run		Analyst	Instrument	Dilution
					Date	Time			
1	B219616-BS1	LCS	EPA-8141A	09/23/25	09/30/25	01:14	OLH	GC-18	1
2	B219616-BSD1	LCSD	EPA-8141A	09/23/25	09/30/25	01:43	OLH	GC-18	1

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Enthalpy Laboratories-Orange
931 West Barkley Avenue
Orange, CA 92868

Reported: 09/30/2025 16:41
Project: Soil & Waters (Zachary Barker)
Project Number: EO-542490
Project Manager: Zachary Barker

Notes And Definitions

MDL	Method Detection Limit
ND	Analyte Not Detected
PQL	Practical Quantitation Limit
A10	Detection and quantitation limits were raised due to matrix interference.
S09	The surrogate recovery for this compound was not within the control limits.

Laboratory Job Number 542490

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2509E49

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-542490

Project Location:

Project Received: 09/19/2025

Analytical Report reviewed & approved for release on 09/26/2025 by:

Tracy Babjar
Project Manager

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. Results reported conform to the most current regulatory standards, where applicable, unless otherwise stated.





Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2509E49

Project: EO-542490

Glossary Abbreviation

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

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

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



Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2509E49

Project: EO-542490

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

Analytical Qualifiers

a3 Sample diluted due to high organic content interfering with quantitative/or qualitative analysis.



Analytical Report

Client: Enthalpy Analytical
Date Received: 09/19/2025 9:40
Date Prepared: 09/23/2025
Project: EO-542490

WorkOrder: 2509E49
Extraction Method: E8151A
Analytical Method: E8151A
Unit: µg/L

Chlorinated Herbicides by GC-ECD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SOUTH BASIN-WESTERN INLET	2509E49-001A	Water	09/18/2025 08:15	GC15A 09252525.D	326307

Analytes	Result	MDL	RL	DE	Date Analyzed
Acifluorfen	ND	2.6	10	10	09/25/2025 22:44
Bentazon	ND	4.1	10	10	09/25/2025 22:44
Chloramben	ND	3.1	10	10	09/25/2025 22:44
2,4-D (Dichlorophenoxyacetic acid)	ND	0.59	2.0	10	09/25/2025 22:44
2,4-DB	ND	2.1	10	10	09/25/2025 22:44
Dalapon	ND	3.9	10	10	09/25/2025 22:44
DCPA (mono & diacid)	ND	1.4	10	10	09/25/2025 22:44
Dicamba	ND	0.59	2.0	10	09/25/2025 22:44
3,5-Dichlorobenzoic Acid	ND	1.9	10	10	09/25/2025 22:44
Dichloroprop	ND	1.8	10	10	09/25/2025 22:44
Dinoseb (DNBP)	ND	1.8	10	10	09/25/2025 22:44
MCPA	ND	14	20	10	09/25/2025 22:44
MCPP	ND	7.7	20	10	09/25/2025 22:44
4-Nitrophenol	ND	5.0	10	10	09/25/2025 22:44
Pentachlorophenol (PCP)	ND	0.55	2.0	10	09/25/2025 22:44
Picloram	ND	3.5	10	10	09/25/2025 22:44
2,4,5-T (Trichlorophenoxy acetic acid)	ND	0.56	2.0	10	09/25/2025 22:44
2,4,5-TP (Silvex)	ND	1.4	5.0	10	09/25/2025 22:44

Surrogates	REC (%)	Limits	DE	
DCAA	93	60-140	10	09/25/2025 22:44

Analyst(s): DP

Analytical Comments: a3

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 09/19/2025 9:40
Date Prepared: 09/23/2025
Project: EO-542490

WorkOrder: 2509E49
Extraction Method: E8151A
Analytical Method: E8151A
Unit: µg/L

Chlorinated Herbicides by GC-ECD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SOUTH BASIN-EASTERN INLET	2509E49-002A	Water	09/18/2025 08:45	GC15A 09252526.D	326307

Analytes	Result	MDL	RL	DE	Date Analyzed
Acifluorfen	ND	2.6	10	10	09/25/2025 23:09
Bentazon	ND	4.1	10	10	09/25/2025 23:09
Chloramben	ND	3.1	10	10	09/25/2025 23:09
2,4-D (Dichlorophenoxyacetic acid)	ND	0.59	2.0	10	09/25/2025 23:09
2,4-DB	ND	2.1	10	10	09/25/2025 23:09
Dalapon	ND	3.9	10	10	09/25/2025 23:09
DCPA (mono & diacid)	ND	1.4	10	10	09/25/2025 23:09
Dicamba	ND	0.59	2.0	10	09/25/2025 23:09
3,5-Dichlorobenzoic Acid	ND	1.9	10	10	09/25/2025 23:09
Dichloroprop	ND	1.8	10	10	09/25/2025 23:09
Dinoseb (DNBP)	ND	1.8	10	10	09/25/2025 23:09
MCPA	ND	14	20	10	09/25/2025 23:09
MCPP	ND	7.7	20	10	09/25/2025 23:09
4-Nitrophenol	ND	5.0	10	10	09/25/2025 23:09
Pentachlorophenol (PCP)	ND	0.55	2.0	10	09/25/2025 23:09
Picloram	ND	3.5	10	10	09/25/2025 23:09
2,4,5-T (Trichlorophenoxy acetic acid)	ND	0.56	2.0	10	09/25/2025 23:09
2,4,5-TP (Silvex)	ND	1.4	5.0	10	09/25/2025 23:09

Surrogates	REC (%)	Limits	DE	
DCAA	93	60-140	10	09/25/2025 23:09

Analyst(s): DP

Analytical Comments: a3



Analytical Report

Client: Enthalpy Analytical
Date Received: 09/19/2025 9:40
Date Prepared: 09/24/2025
Project: EO-542490

WorkOrder: 2509E49
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SOUTH BASIN-WESTERN INLET	2509E49-001B	Water	09/18/2025 08:15	GC26 0924251004.D	326489

Analytes	Result	MDL	RL	DE	Date Analyzed
Carbon Dioxide	4600	250	250	5	09/24/2025 13:06

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SOUTH BASIN-EASTERN INLET	2509E49-002B	Water	09/18/2025 08:45	GC26 0924251005.D	326489

Analytes	Result	MDL	RL	DE	Date Analyzed
Carbon Dioxide	1600	50	50	1	09/24/2025 13:23

Analyst(s): CLO



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 09/23/2025
Date Analyzed: 09/25/2025
Instrument: GC15A
Matrix: Water
Project: EO-542490

WorkOrder: 2509E49
BatchID: 326307
Extraction Method: E8151A
Analytical Method: E8151A
Unit: µg/L
Sample ID: MB/LCS/LCSD-326307

QC Summary Report for E8151A

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
Acifluorfen	ND	0.26	1.0	-	-	-
Bentazon	ND	0.41	1.0	-	-	-
Chloramben	ND	0.31	1.0	-	-	-
2,4-D (Dichlorophenoxyacetic acid)	ND	0.059	0.20	-	-	-
2,4-DB	ND	0.21	1.0	-	-	-
Dalapon	ND	0.39	1.0	-	-	-
DCPA (mono & diacid)	ND	0.14	1.0	-	-	-
Dicamba	ND	0.059	0.20	-	-	-
3,5-Dichlorobenzoic Acid	ND	0.19	1.0	-	-	-
Dichloroprop	ND	0.18	1.0	-	-	-
Dinoseb (DNBP)	ND	0.18	1.0	-	-	-
MCPA	ND	1.4	2.0	-	-	-
MCPP	ND	0.77	2.0	-	-	-
4-Nitrophenol	ND	0.50	1.0	-	-	-
Pentachlorophenol (PCP)	ND	0.055	0.20	-	-	-
Picloram	ND	0.35	1.0	-	-	-
2,4,5-T (Trichlorophenoxy acetic acid)	ND	0.056	0.20	-	-	-
2,4,5-TP (Silvex)	ND	0.14	0.50	-	-	-
Surrogate Recovery						
DCAA	11			10	109	70-130

(Cont.)



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 09/23/2025
Date Analyzed: 09/25/2025
Instrument: GC15A
Matrix: Water
Project: EO-542490

WorkOrder: 2509E49
BatchID: 326307
Extraction Method: E8151A
Analytical Method: E8151A
Unit: µg/L
Sample ID: MB/LCS/LCSD-326307

QC Summary Report for E8151A

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acifluorfen	9.3	9.8	10	93	98	70-130	4.67	30
Bentazon	9.7	10	10	97	104	70-130	6.89	30
Chloramben	11	11	10	105	106	70-130	0.863	30
2,4-D (Dichlorophenoxyacetic acid)	11	11	10	106	108	70-130	1.80	30
2,4-DB	11	10	10	105	102	70-130	3.47	30
Dalapon	12	12	10	116	118	70-130	2.31	30
DCPA (mono & diacid)	9.9	10	10	99	103	70-130	4.21	30
Dicamba	11	11	10	107	112	70-130	4.27	30
3,5-Dichlorobenzoic Acid	11	11	10	107	111	70-130	3.76	30
Dichloroprop	10	11	10	104	107	70-130	2.82	30
Dinoseb (DNBP)	10	11	10	104	108	70-130	3.64	30
MCPA	120	110	100	118	114	70-130	3.42	30
MCPP	94	110	100	94	111	70-130	16.7	30
4-Nitrophenol	11	11	10	110	111	70-130	0.0162	30
Pentachlorophenol (PCP)	10	11	10	102	106	70-130	3.59	30
Picloram	11	12	10	112	116	70-130	3.92	30
2,4,5-T (Trichlorophenoxy acetic acid)	11	11	10	112	114	70-130	2.45	30
2,4,5-TP (Silvex)	10	11	10	102	106	70-130	3.13	30
Surrogate Recovery								
DCAA	11	12	10	113	118	70-130	4.67	30



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 09/24/2025
Date Analyzed: 09/24/2025
Instrument: GC26
Matrix: Water
Project: EO-542490

WorkOrder: 2509E49
BatchID: 326489
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-326489

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	77	73	70-130	4.37	30



Certified Analyte List

Client: Enthalpy Analytical

WorkOrder: 2509E49

Project: EO-542490

Analyte	Cert 1	Cert 2	Cert 3	Cert 4	Cert 5	Analytical Method	Matrix
2,4,5-T (Trichlorophenoxy acetic acid)	●	●	○	○	○	E8151A	Water
2,4,5-TP (Silvex)	●	●	○	○	○	E8151A	Water
2,4-D (Dichlorophenoxyacetic acid)	●	●	○	○	○	E8151A	Water
2,4-DB	●	●	○	○	○	E8151A	Water
3,5-Dichlorobenzoic Acid	○	●	○	○	○	E8151A	Water
4-Nitrophenol	●	●	○	○	○	E8151A	Water
Acifluorfen	○	●	○	○	○	E8151A	Water
Bentazon	○	●	○	○	○	E8151A	Water
Chloramben	○	●	○	○	○	E8151A	Water
Dalapon	●	●	○	○	○	E8151A	Water
DCPA (mono & diacid)	○	●	○	○	○	E8151A	Water
Dicamba	●	●	○	○	○	E8151A	Water
Dichloroprop	●	●	○	○	○	E8151A	Water
Dinoseb (DNBP)	●	●	○	○	○	E8151A	Water
MCPA	●	●	○	○	○	E8151A	Water
MCPP	●	●	○	○	○	E8151A	Water
Pentachlorophenol (PCP)	●	●	○	○	○	E8151A	Water
Picloram	○	●	○	○	○	E8151A	Water

Certifications

Cert 1 CA ELAP 1644

Cert 2 ORELAP (NELAP) 4033

The Certified Analyte Report lists the compounds for which MAI is accredited at the time of issuance. Although MAI holds multiple accreditations, methods with extensive compound lists may not be fully accredited due to state agency availability.

McCampbell Analytical, Inc.



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

☐ WaterTrax ☐ CLIP ☐ EDF

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2509E49

ClientCode: ENO

QuoteID: 252619

☐ EQulS ☐ Dry-Weight ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag

☐ Detection Summary ☒ Excel [A1_Standard_QC]

Report to:

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

Email: zach.barker@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 079649
Project: EO-542490

Bill to:

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

Requested TAT: 5 days;

Date Received: 09/19/2025

Date Logged: 09/22/2025

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2509E49-001	SOUTH BASIN-WESTERN INLET	Water	9/18/2025 08:15	☐	A	A	B									
2509E49-002	SOUTH BASIN-EASTERN INLET	Water	9/18/2025 08:45	☐	A	A	B									

Test Legend:

1	8151_W	2	PRDisposal Fee	3	RSK175_CO2_W	4	
5		6		7		8	
9		10		11		12	

Prepared by: Agustina Venegas

Comments:

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



WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL

Project: EO-542490

Work Order: 2509E49

Client Contact: Zach Barker

QC Level: LEVEL 2

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

Comments:

Date Logged: 9/22/2025

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

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	SOUTH BASIN- WESTERN INLET	Water	E8151A (Chlorinated Herbicides)	1	1LA Narrow Mouth, Unpres	☐	☐	☐	9/18/2025 8:15	5 days	9/26/2025	Present	☐	☐
001B	SOUTH BASIN- WESTERN INLET	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	9/18/2025 8:15	5 days	9/26/2025	Present	☐	☐
002A	SOUTH BASIN- EASTERN INLET	Water	E8151A (Chlorinated Herbicides)	1	1LA Narrow Mouth, Unpres	☐	☐	☐	9/18/2025 8:45	5 days	9/26/2025	Present	☐	☐
002B	SOUTH BASIN- EASTERN INLET	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	9/18/2025 8:45	5 days	9/26/2025	Present	☐	☐

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

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

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

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

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

Subcontract Laboratory:

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

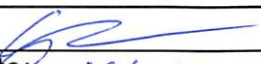
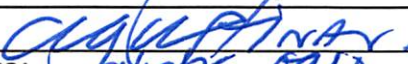
Enthalpy Order: EO-542490

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

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

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
SOUTH BASIN - WESTERN INLET	18-SEP-2025 08:15	542490-001	1	Water	EPA 8151A Chlorinated Herbicides	
				Water	RSK-175 CO2	
SOUTH BASIN - EASTERN INLET	18-SEP-2025 08:45	542490-002	1	Water	EPA 8151A Chlorinated Herbicides	
				Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	 1540	
	Date: 9/18/25	Date: 9/19/25 0940
	Date:	Date:
	Date:	Date:

0.1c WET
1243



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-542490

Date and Time Received: 9/19/2025 09:40
Date Logged: 9/22/2025
Received by: Agustina Venegas
Logged by: Agustina Venegas

WorkOrder No: 2509E49 Matrix: Water
Carrier: FedEx

Chain of Custody (COC) Information

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

Sample Receipt Information

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

Sample Preservation and Hold Time (HT) Information

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

(Ice Type: WET ICE)

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

UCMR Samples:

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

Comments:

Laboratory Job Number 542490

Subcontracted Products

Pace Analytical - Mt. Juliet



October 10, 2025

Zach Barker
Enthalpy Analytical
931 W Barkley Ave
Orange, CA 92868

RE: Project: 542490
Pace Project No.: 30813435

Dear Zach Barker:

Enclosed are the analytical results for sample(s) received by the laboratory on September 19, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

(Greensburg, PA) - Revision #1 - This report replaces the October 2nd, 2025, report. This project was revised on October 10th, 2025, to update a reporting compound list.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carla Cmar for
Nikayla M. Yasurek
nikayla.yasurek@pacelabs.com
(724)850-5600
Project Manager

Enclosures

cc: Sophia Baughman, Enthalpy Analytical
Diane Galvan, Enthalpy Analytical
Brenda Hamilton, Enthalpy Analytical
Ms. Patricia Mata, Enthalpy Analytical
Taylor Nasu, Enthalpy Analytical
Jocelyn Nguyen, Enthalpy Analytical
Incoming Reports, Enthalpy Analytical
David Tripp, Enthalpy Analytical



REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.



SAMPLE SUMMARY

Project: 542490
Pace Project No.: 30813435

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30813435001	South Basin - Western Inlet	Water	09/18/25 08:15	09/19/25 09:30
30813435002	South Basin - Eastern Inlet	Water	09/18/25 08:45	09/19/25 09:30

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



Date of Report: 10/08/2025

Nikayla Yasurek

PACE Analytical - PA
1638 Roseytown Road, Ste 2,3 &4
Greensburg, PA 15601

Client Project: EO-542490
Pace Project: Chiquita Canyon Landfill Stormwater
Pace Work Order: 2516722
Invoice ID: B524666

Enclosed are the results of analyses for samples received by the laboratory on 9/19/2025. If you have any questions concerning this report, please feel free to contact me.

Revised Report: This report supersedes Report ID 1001624667

Sincerely,

Contact Person: Ragen Williams
Client Service Rep

Steven Bennett
Operations Manager

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
All results listed in this report are for the exclusive use of the submitting party. Pace Analytical assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Report ID: 1001626995

4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.pacelabs.com

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Notes

Notes and Definitions.....	7
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Chain of Custody and Cooler Receipt Form for 2516722 Page 2 of 3



Ship To:
Pace Analytical Bakersfield
4100 Atlas Court
Bakersfield, CA 93313
Phone (661)327-4911

INTER LABORATORY WORK ORDER # 30813435

(To be completed by sending lab)

Sending Project No:	30813435
Receiving Project No:	
Check Box for Consolidated Invoice:	☐
Date Prepared:	09/25/25
REQUESTED COMPLETION DATE:	10/3/2025

Sending Region	IR30-Pittsburgh	Sending Project Mgr.	Nikayla M. Yasurek
Receiving Region	S870-Bakersfield	External Client	Enthalpy Analytical
State of Sample Origin	CA	QC Deliverable	STD REPORT

All questions should be addressed to sending project manager.

Requested Reportable Units _____ Report Wet or Dry Weight? Dry Weight ☐ IRWO Lab Need to run? Cert. Needed _____

WORK REQUESTED						
Method Description	Container Type	Quantity of containers	Preservative	Quantity of Samples	Acode	Acode Desc
625.1	DG9H		HCL	2	SI-33GCV	SUB PASI GCV

Special Requirements: Report C, QC Limits (C),CA PWS CLIP (1687),PEG Level LE (1550)

FOR ANALYTICAL WORK COMPLETED THIS SECTION ALSO

Return Samples to Sending Region: ☐ Yes ☐ No

DISPOSITION of FORM

Original sent to the receiving lab - Copy kept at the sending lab.

When work completed: Original sent to the ABM at the receiving laboratory. Copies are made to corporate as needed.



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

D051

Subcontract Laboratory:

Pace Analytical - Mt. Juliet
12065 Lebanon Road
Mt. Juliet, TN 37122
ATTN: Jennifer Gambill
PO #: Required, to be sent via email

Enthalpy Order: EO-542490

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

Results Due: Standard

TAT

Report Level: II

Report To: MDL

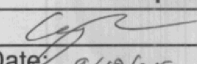
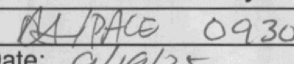
EDDs:

11900079

Notes:

--

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
SOUTH BASIN - WESTERN INLET	18-SEP-2025 08:15	542490-001	1	Water	EPA 625.1	
SOUTH BASIN - EASTERN INLET	18-SEP-2025 08:45	542490-002	1	Water	EPA 625.1	

Notes:	Relinquished By:	Received By:
	 1700	 0930
	Date: 9/18/25	Date: 9/19/25
	Date:	Date:
	Date:	Date:

71550312 0915

Sample Receipt Checklist

COC Seal Present/Intact:	☒ Y ☐ N	IF Applicable
COC Signed/Accurate:	☒ Y ☐ N	VOA Zero Headspace: ☐ Y ☐ N
Bottles arrive intact:	☒ Y ☐ N	Pres. Correct/Check: ☐ Y ☐ N
Correct bottles used:	☒ Y ☐ N	
Sufficient volume sent:	☒ Y ☐ N	Condition: ☐ NCF ☒ OK
RA Screen <0.5 mR/hr:	☒ Y ☐ N	Conclusions: 2

Ⓟ A91.1-01=1.0

PACE Analytical - PA
1638 Roseytown Road, Ste 2,3 &4
Greensburg, PA 15601

Reported: 10/08/2025 23:10
Project: Chiquita Canyon Landfill Stormwater
Project Number: EO-542490
Project Manager: Nikayla Yasurek

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2516722-01	COC Number:	---	Receive Date:	09/19/2025 09:30
	Project Number:	---	Sampling Date:	09/18/2025 08:15
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	South Basin - Western Inlet	Lab Matrix:	Water
	Sampled By:	Client	Sample Type:	Water
2516722-02	COC Number:	---	Receive Date:	09/19/2025 09:30
	Project Number:	---	Sampling Date:	09/18/2025 08:45
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	South Basin - Eastern Inlet	Lab Matrix:	Water
	Sampled By:	Client	Sample Type:	Water

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. Pace Analytical assumes no responsibility for report alteration, separation, detachment or third party interpretation.

PACE Analytical - PA
1638 Roseytown Road, Ste 2,3 &4
Greensburg, PA 15601

Reported: 10/08/2025 23:10
Project: Chiquita Canyon Landfill Stormwater
Project Number: EO-542490
Project Manager: Nikayla Yasurek

Notes And Definitions

Pace Analytical - Bakersfield, CA

Sample Delivery Group: L1900079
Samples Received: 09/19/2025
Project Number: 2516722
Description: 2516722
Site: 001
Report To: Ragen Williams
4100 Atlas Court
Bakersfield, CA 93308

¹Cp²Tc³Ss⁴Cn⁵Sr⁶Qc⁷Gl⁸Al⁹Sc

Entire Report Reviewed By:



Brigit Gillespie
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

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

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Al: Accreditations & Locations	9	⁷ Gl
Sc: Sample Chain of Custody	10	⁸ Al
		⁹ Sc

SAMPLE SUMMARY

SOUTH BASIN-WESTERN INLET L1900079-01

				Collected by	Collected date/time	Received date/time
					09/18/25 08:15	09/19/25 09:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 625.1	WG2605726	1	09/23/25 16:30	09/24/25 15:45	VDR	Mt. Juliet, TN

¹Cp

²Tc

³Ss

SOUTH BASIN-EASTERN INLET L1900079-02

				Collected by	Collected date/time	Received date/time
					09/18/25 08:45	09/19/25 09:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 625.1	WG2605726	1	09/23/25 16:30	09/24/25 16:07	VDR	Mt. Juliet, TN

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

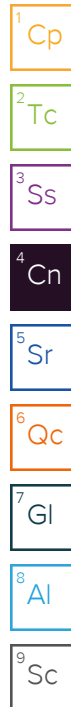
⁹Sc

CASE NARRATIVE

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



Brigit Gillespie
Project Manager



Report Revision History

Level II Report - Version 1: 09/26/25 14:44

Project Narrative

Benzoic Acid(0%) is reporting with critically low recovery in the laboratory control sample(s). This compound is a method defined poor performer. Results are estimated.
Respoiled to update reporting compounds

Sample Delivery Group (SDG) Narrative

An aliquot for analysis was taken from the original container received due to volume requirements of the laboratory's procedure. Rinsing of the original sample container for inclusion in the sample extraction was not performed.

<u>Lab Sample ID</u>	<u>Project Sample ID</u>	<u>Method</u>
L1900079-01	SOUTH BASIN-WESTERN INLET	625.1
L1900079-02	SOUTH BASIN-EASTERN INLET	625.1

Semi Volatile Organic Compounds (GC/MS) by Method 625.1

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Alpha-Terpineol	0.0205		0.00261	0.0100	1	09/24/2025 15:45	WG2605726
(S) Nitrobenzene-d5	52.9			15.0-314		09/24/2025 15:45	WG2605726
(S) 2-Fluorobiphenyl	50.6			22.0-127		09/24/2025 15:45	WG2605726
(S) p-Terphenyl-d14	71.0			29.0-141		09/24/2025 15:45	WG2605726
(S) Phenol-d5	32.0			8.00-424		09/24/2025 15:45	WG2605726
(S) 2-Fluorophenol	37.6			10.0-120		09/24/2025 15:45	WG2605726
(S) 2,4,6-Tribromophenol	79.5			10.0-153		09/24/2025 15:45	WG2605726

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Semi Volatile Organic Compounds (GC/MS) by Method 625.1

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Alpha-Terpineol	U		0.00261	0.0100	1	09/24/2025 16:07	WG2605726
(S) Nitrobenzene-d5	58.7			15.0-314		09/24/2025 16:07	WG2605726
(S) 2-Fluorobiphenyl	60.4			22.0-127		09/24/2025 16:07	WG2605726
(S) p-Terphenyl-d14	75.9			29.0-141		09/24/2025 16:07	WG2605726
(S) Phenol-d5	32.7			8.00-424		09/24/2025 16:07	WG2605726
(S) 2-Fluorophenol	44.8			10.0-120		09/24/2025 16:07	WG2605726
(S) 2,4,6-Tribromophenol	83.5			10.0-153		09/24/2025 16:07	WG2605726

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4278148-2 09/24/25 15:02

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Alpha-Terpineol	U		0.00261	0.0100
(S) Nitrobenzene-d5	44.8			15.0-314
(S) 2-Fluorobiphenyl	45.2			22.0-127
(S) p-Terphenyl-d14	71.5			29.0-141
(S) Phenol-d5	23.5			8.00-424
(S) 2-Fluorophenol	35.4			10.0-120
(S) 2,4,6-Tribromophenol	65.0			10.0-153

Laboratory Control Sample (LCS)

(LCS) R4278148-1 09/24/25 14:40

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Alpha-Terpineol	0.0500	0.0325	65.0	30.0-120	
(S) Nitrobenzene-d5			50.3	15.0-314	
(S) 2-Fluorobiphenyl			53.5	22.0-127	
(S) p-Terphenyl-d14			74.3	29.0-141	
(S) Phenol-d5			29.6	8.00-424	
(S) 2-Fluorophenol			42.3	10.0-120	
(S) 2,4,6-Tribromophenol			79.0	10.0-153	

L1898744-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1898744-01 09/24/25 16:51 • (MS) R4278148-3 09/24/25 17:12 • (MSD) R4278148-4 09/24/25 17:34

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Alpha-Terpineol	0.0500	U	0.0323	0.0298	64.6	59.6	1	30.0-120			8.05	30
(S) Nitrobenzene-d5					50.1	46.0		15.0-314				
(S) 2-Fluorobiphenyl					55.0	51.1		22.0-127				
(S) p-Terphenyl-d14					45.4	48.7		29.0-141				
(S) Phenol-d5					30.0	30.3		8.00-424				
(S) 2-Fluorophenol					41.4	42.1		10.0-120				
(S) 2,4,6-Tribromophenol					73.5	78.5		10.0-153				

1
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GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

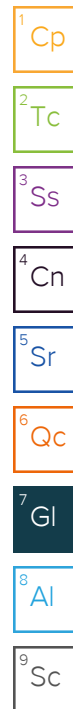
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

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

Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.



ACCREDITATIONS & LOCATIONS

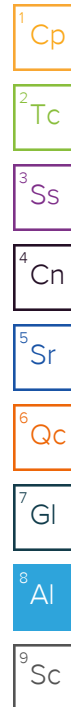
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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

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

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

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



Subcontract Laboratory:

Pace Analytical - Mt. Juliet
12065 Lebanon Road
Mt. Juliet, TN 37122
ATTN: Jennifer Gambill
PO #: Required, to be sent via email

Enthalpy Order: EO-542490

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

Results Due: Standard
TAT

Report Level: II
Report To: MDL
EDDs:

11900079

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
SOUTH BASIN - WESTERN INLET	18-SEP-2025 08:15	542490-001	1	Water	EPA 625.1	
SOUTH BASIN - EASTERN INLET	18-SEP-2025 08:45	542490-002	1	Water	EPA 625.1	201

Notes:	Relinquished By:	Received By:
	Date: 9/19/15	Date: 9/19/15
	Date:	Date:
	Date:	Date:
	Date:	Date:

71550312 09/15

Sample Receipt Checklist

COC Seal Present/Intact: ☒ Y ☐ N ☐ N/A

COC Signed/Accurate: ☒ Y ☐ N

Bottles arrive intact: ☒ Y ☐ N

Correct bottles used: ☒ Y ☐ N

Sufficient volume sent: ☒ Y ☐ N

RA Screen <0.5 mK/hr: ☒ Y ☐ N

Condition: ☒ OK

Signature: [Signature]

714911-01=1/0

SUBCONTRACT ORDER
Pace Analytical Labs - Bakersfield, CA
2516722

SENDING LABORATORY:

Pace Analytical Labs
4100 Atlas Ct
Bakersfield, CA 93308
Phone: 661-327-4911
Fax: 661-327-1918
Project Manager: Ragen Williams

RECEIVING LABORATORY:

Pace Analytical National -TN \$PACTN-EINV
12065 Lebanon Rd
Mt. Juliet, TN 37122
Phone :(615) 758-5858
Fax: 000

DOD: No **Level 4:** No **EDDs Needed:** EDD_Elm_TransferOut

Analysis	Due	Expires	Comments
out-625.1_w_PACTN	10/01/25 23:59	09/25/25 08:15	a-terpineol, benzoic acid, pyridine, phenol, 2-methylphenol, 3,4-methylphenol, cresol, naphthalene

CA Drinking Water PSCode:

GeoTracker - Global ID:	Field Point:	Log Code:
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Sample ID: 2516722-01 **Water** **Sampled: 09/18/25 08:15** **Sample Name:** South Basin - Western Inlet
Shipped direct to sub lab

Containers Supplied:
X20: Glass Amber 100 ml

out-625.1_w_PACTN	10/01/25 23:59	09/25/25 08:45	a-terpineol, benzoic acid, pyridine, phenol, 2-methylphenol, 3,4-methylphenol, cresol, naphthalene
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CA Drinking Water PSCode:

GeoTracker - Global ID:	Field Point:	Log Code:
--------------------------------	--------------	-----------

Sample ID: 2516722-02 **Water** **Sampled: 09/18/25 08:45** **Sample Name:** South Basin - Eastern Inlet
Shipped direct to sub lab

Containers Supplied:
X20: Glass Amber 100 ml

Released By	Date	Received By	Date
-------------	------	-------------	------

Released By	Date	Received By	Date
-------------	------	-------------	------

Laboratory Job Number 542490

Subcontracted Products

Enthalpy - El Dorado Hills



October 10, 2025

**Enthalpy Analytical - El Dorado Hills
Work Order No. 2509204**

Mr. Zach Barker
Enthalpy Analytical
931 W. Barkley Avenue
Orange, CA 92868

Dear Mr. Barker,

Enclosed are the results for the sample set received at Enthalpy Analytical - EDH on September 19, 2025 under your Project Name 'EO-542490'.

Enthalpy Analytical - EDH is committed to serving you effectively. If you require additional information, please contact me at 916-673-1520 or by email at mark.rein@enthalpy.com.

Thank you for choosing Enthalpy Analytical - EDH as part of your analytical support team.

Sincerely,

A handwritten signature in black ink, appearing to read 'Mark Rein', is displayed on a light gray rectangular background.

Mark Rein
Project Manager

Enthalpy Analytical -EDH certifies that the report herein meets all the requirements set forth by NELAP for those applicable test methods. Results relate only to the samples as received by the laboratory. This report should not be reproduced except in full without the written approval of Enthalpy Analytical -EDH.

Enthalpy Analytical - EDH Order No. 2509204

Case Narrative

Sample Condition on Receipt:

Two water samples were received and stored securely in accordance with Enthalpy Analytical - EDH standard operating procedures and EPA methodology. The samples were received in good condition and within the method temperature requirements.

Analytical Notes:

EPA Method 1613B

The samples were extracted and analyzed for 2,3,7,8-TCDD by EPA Method 8290A using a ZB-DIOXIN GC column.

Holding Times

The method holding time criteria were met for these samples.

Quality Control

The Initial Calibration and Continuing Calibration Verifications met the method acceptance criteria.

A Method Blank and Ongoing Precision and Recovery (OPR) sample were extracted and analyzed with the preparation batch. The analyte was not detected in the Method Blank. The OPR recoveries were within the method acceptance criteria.

The labeled standard recoveries outside the acceptance criteria are flagged with an "H" qualifier. The responses of the internal standards with low recoveries were greater than 10:1 signal-to-noise, which is the limit generally considered acceptable for accurate quantitation by isotope dilution analysis.

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Sample Inventory Report

Sample ID	Client Sample ID	Sampled	Received	Components/Containers
2509204-01	SOUTH BASIN - WESTERN INLET	18-Sep-25 08:15	19-Sep-25 09:48	Amber Glass NM Bottle, 1L
2509204-02	SOUTH BASIN - EASTERN INLET	18-Sep-25 08:45	19-Sep-25 09:48	Amber Glass NM Bottle, 1L

ANALYTICAL RESULTS

Sample ID: Method Blank				EPA Method 8290A		
Client Data Name: Enthalpy Analytical Project: EO-542490 Matrix: Aqueous		Laboratory Data Lab Sample: B25I340-BLK1 QC Batch: B25I340 Date Extracted: 30-Sep-25 Sample Size: 1.00 L Column: ZB-DIOXIN				
Analyte	Conc. (pg/L)	MDL	RL	Qualifiers	Analyzed	Dilution
2,3,7,8-TCDD	ND	1.78	5.00		09-Oct-25 02:19	1
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Analyzed	Dilution
13C-2,3,7,8-TCDD	IS	69.6	40 - 135		09-Oct-25 02:19	1
37Cl-2,3,7,8-TCDD	CRS	85.5	40 - 135		09-Oct-25 02:19	1

MDL - Method Detection Limit

RL - Reporting limit

Results reported to MDL.

Sample ID: OPR				EPA Method 8290A			
Client Data Name: Enthalpy Analytical Project: EO-542490 Matrix: Aqueous			Laboratory Data Lab Sample: B25I340-BS1 QC Batch: B25I340 Date Extracted: 30-Sep-25 12:56 Sample Size: 1.00 L Column: ZB-DIOXIN				
Analyte	Amt Found (pg/L)	Spike Amt	% Recovery	Limits	Qualifiers	Analyzed	Dilution
2,3,7,8-TCDD	218	200	109	70 - 130		09-Oct-25 00:03	1
Labeled Standards	Type		% Recovery	Limits	Qualifiers	Analyzed	Dilution
13C-2,3,7,8-TCDD	IS		81.8	40 - 135		09-Oct-25 00:03	1
37Cl-2,3,7,8-TCDD	CRS		97.5	40 - 135		09-Oct-25 00:03	1

Sample ID: SOUTH BASIN - WESTERN INLET
EPA Method 8290A
Client Data

Name: Enthalpy Analytical
Project: EO-542490
Matrix: Water
Date Collected: 18-Sep-25 08:15

Laboratory Data

Lab Sample: 2509204-01 Date Received: 19-Sep-25 09:48
QC Batch: B25I340 Date Extracted: 30-Sep-25
Sample Size: 0.944 L Column: ZB-DIOXIN

Analyte	Conc. (pg/L)	MDL	RL	Qualifiers	Analyzed	Dilution
2,3,7,8-TCDD	ND	1.88	5.29		09-Oct-25 08:21	1
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Analyzed	Dilution
13C-2,3,7,8-TCDD	IS	42.5	40 - 135		09-Oct-25 08:21	1
37Cl-2,3,7,8-TCDD	CRS	89.0	40 - 135		09-Oct-25 08:21	1

MDL - Method Detection Limit

RL - Reporting limit

Results reported to MDL.

Sample ID: SOUTH BASIN - EASTERN INLET
EPA Method 8290A
Client Data

Name: Enthalpy Analytical
Project: EO-542490
Matrix: Water
Date Collected: 18-Sep-25 08:45

Laboratory Data

Lab Sample: 2509204-02 Date Received: 19-Sep-25 09:48
QC Batch: B25I340 Date Extracted: 30-Sep-25
Sample Size: 1.02 L Column: ZB-DIOXIN

Analyte	Conc. (pg/L)	MDL	RL	Qualifiers	Analyzed	Dilution
2,3,7,8-TCDD	ND	1.75	4.90		09-Oct-25 09:06	1
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Analyzed	Dilution
13C-2,3,7,8-TCDD	IS	37.0	40 - 135	H	09-Oct-25 09:06	1
37Cl-2,3,7,8-TCDD	CRS	88.3	40 - 135		09-Oct-25 09:06	1

MDL - Method Detection Limit

RL - Reporting limit

Results reported to MDL.

DATA QUALIFIERS & ABBREVIATIONS

B	This compound was also detected in the method blank
Conc.	Concentration
CRS	Cleanup Recovery Standard
D	Dilution
DL	Detection Limit
E	The associated compound concentration exceeded the calibration range of the instrument
EDL	Estimated Detection Limit
EMPC	Estimated Maximum Possible Concentration
H	Recovery and/or RPD was outside laboratory acceptance limits
I	Chemical Interference
IS	Internal Standard
J	The amount detected is below the Reporting Limit/LOQ
LOD	Limit of Detection
LOQ	Limit of Quantitation
MDL	Method Detection Limit
NA	Not applicable
ND	Not Detected
OPR	Ongoing Precision and Recovery sample
P	The reported concentration may include contribution from chlorinated diphenyl ether(s).
Q	The ion transition ratio is outside of the acceptance criteria.
RL	Reporting Limit
RL	For 537.1, the reported RLs are the MRLs.
TEQ	Toxic Equivalency, sum of the toxic equivalency factors (TEF) multiplied by the sample concentrations.
TEQMax	TEQ calculation that uses the detection limit as the concentration for non-detects
TEQMin	TEQ calculation that uses zero as the concentration for non-detects
TEQRisk	TEQ calculation that uses ½ the detection limit as the concentration for non-detects
U	Not Detected (specific projects only)
*	See Cover Letter

Unless otherwise noted, solid sample results are reported in dry weight. Tissue samples are reported in wet weight.

Enthalpy Analytical - EDH Certifications

Accrediting Authority	Certificate Number
Alaska Department of Environmental Conservation	17-013
Arkansas Department of Environmental Quality	21-023-0
California Department of Health – ELAP	2892
DoD ELAP - A2LA Accredited - ISO/IEC 17025	3091.01
Florida Department of Health	E87777
Hawaii Department of Health	N/A
Louisiana Department of Environmental Quality	01977
Maine Department of Health	2020018
Michigan Department of Environmental Quality	9932
Minnesota Department of Health	2211390
Nevada Division of Environmental Protection	CA00413
New Hampshire Environmental Accreditation Program	207721
New Jersey Department of Environmental Protection	CA003
New York Department of Health	11411
Ohio Environmental Protection Agency	87778
Oregon Laboratory Accreditation Program	4042-021
Texas Commission on Environmental Quality	T104704189-22-13
Vermont Department of Health	VT-4042
Virginia Department of General Services	11276
Washington Department of Ecology	C584
Wisconsin Department of Natural Resources	998036160

Current certificates and lists of licensed parameters can be found at Enthalpy.com/Resources/Accreditations.



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

Subcontract Laboratory:

Enthalpy - El Dorado Hills
1104 Windfield Way
El Dorado Hills, CA 95762
ATTN: Mark Rein
PO #: Required, to be sent via email

Enthalpy Order: EO-542490

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

Results Due: Standard TAT

Report Level: II

Report To: MDL

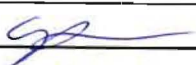
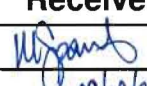
EDDs: BLDR:Enthalpy (the normal EDD you send to Orange)

2509204 1.5°C

Notes:

Chiquita Canyon Landfill

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
SOUTH BASIN - WESTERN INLET	18-SEP-2025 08:15	542490-001	1	Water	EPA 8290 - 2,3,7,8-TCDD Only	
SOUTH BASIN - EASTERN INLET	18-SEP-2025 08:45	542490-002	1	Water	EPA 8290 - 2,3,7,8-TCDD Only	

Notes:	Relinquished By:	Received By:
	 540	
	Date: 9/18/25	Date: 09/19/25 0948
	Date:	Date:
	Date:	Date:

CoC/Label Reconciliation Report WO# 2509204

LabNumber	CoC Sample ID	SampleAlias	Sample Date/Time	Container	BaseMatrix	Sample Comments
2509204-01	A SOUTH BASIN - WESTERN INLET ☒	542490-001	18-Sep-25 08:15 ☒	Amber Glass NM Bottle, 1L	Aqueous	
2509204-02	A SOUTH BASIN - EASTERN INLET ☒	542490-002	18-Sep-25 08:45 ☒	Amber Glass NM Bottle, 1L	Aqueous	

Checkmarks indicate that information on the COC reconciled with the sample label.
Any discrepancies are noted in the following columns.

CONDITION	Yes	No	NA
Sample Container Intact?	☒	☐	☐
Sample Container(s) Custody Seals Intact?	☐	☐	☒
Custody Seals On Cooler Intact?	☐	☐	☒
Adequate Sample Volume?	☒	☐	☐
Container Type Appropriate for Analysis(es)?	☒	☐	☐

Comments:

No back up volume

Preservation Documented: Na2S2O3 Trizma NH4CH3CO2 None Other

Verified by/Date: JT 09/19/25
WWS 09/19/25