



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](mailto: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](mailto: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

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|                          |                |                            |
|--------------------------|----------------|----------------------------|
| 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        |                |                            |

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| <b>Sample ID</b>            | <b>Lab ID</b> | <b>Collected</b> | <b>Matrix</b> |
|-----------------------------|---------------|------------------|---------------|
| 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.

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





**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 = Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> 2 = HCl 3 = HNO<sub>3</sub>  
4 = H<sub>2</sub>SO<sub>4</sub> 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            | SW - Inlets          |         |                           |                       |                      |                      |               |                                                                      |           |           |                      |                    |  |  | Additional email recipients:<br>matt.breuer@wasteconnections.com<br>stormwater@wasteconnections.com<br>tmb@swteng.com<br>aav@swteng.com<br><br>Direct invoices to:<br>Maribel Bolanos<br>(661) 257-3665 |
| Report To:                    | Kate Logan                                                                           | Number:       |                        |                      |         |                           |                       |                      |                      |               |                                                                      |           |           |                      |                    |  |  |                                                                                                                                                                                                         |
| Email:                        | <a href="mailto:kate.logan@wasteconnections.com">kate.logan@wasteconnections.com</a> | 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.   | SM4500-52-D Total Sulfide | 420.1 Total Phenolics | 1664A Oil and Grease | 9221B Total Coliform | 9221F E. Coli | 300.0 Cl, Br, F, NO <sub>3</sub> , NO <sub>2</sub> , SO <sub>4</sub> | 2540D TSS | 5310B TOC | 8270 SIM 1,4-Dioxane | SM2320B Alkalinity |  |  |                                                                                                                                                                                                         |
| 1 South Basin - Western Inlet | 09/18/25                                                                             | 0815          | W                      | 38                   | 6,2,4,1 | X                         | 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                    | X                  |  |  |                                                                                                                                                                                                         |
| 3                             |                                                                                      |               |                        |                      |         |                           |                       |                      |                      |               |                                                                      |           |           |                      |                    |  |  |                                                                                                                                                                                                         |
| 4                             |                                                                                      |               |                        |                      |         |                           |                       |                      |                      |               |                                                                      |           |           |                      |                    |  |  |                                                                                                                                                                                                         |
| 5                             |                                                                                      |               |                        |                      |         |                           |                       |                      |                      |               |                                                                      |           |           |                      |                    |  |  |                                                                                                                                                                                                         |
| 6                             |                                                                                      |               |                        |                      |         |                           |                       |                      |                      |               |                                                                      |           |           |                      |                    |  |  |                                                                                                                                                                                                         |
| 7                             |                                                                                      |               |                        |                      |         |                           |                       |                      |                      |               |                                                                      |           |           |                      |                    |  |  |                                                                                                                                                                                                         |
| 8                             |                                                                                      |               |                        |                      |         |                           |                       |                      |                      |               |                                                                      |           |           |                      |                    |  |  |                                                                                                                                                                                                         |
| 9                             |                                                                                      |               |                        |                      |         |                           |                       |                      |                      |               |                                                                      |           |           |                      |                    |  |  |                                                                                                                                                                                                         |
| 10                            |                                                                                      |               |                        |                      |         |                           |                       |                      |                      |               |                                                                      |           |           |                      |                    |  |  |                                                                                                                                                                                                         |

| Signature          | Print Name  | Company / Title | Date / Time  |
|--------------------|-------------|-----------------|--------------|
| <i>Devan Zajak</i> | Devan Zajak | CTEH            | 9-18-25 1515 |
| <i>[Signature]</i> | JRZ         | EO              | 9-18-25 1515 |
|                    |             |                 |              |
|                    |             |                 |              |
|                    |             |                 |              |
|                    |             |                 |              |
|                    |             |                 |              |

| 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:                                                                                                                                                    |         |                                |                              |                                                                                                                                                                  |           |                   |               |                                                                                                                                                                                                                                                                                                                               |                       |             |  |
| <b>Enthalpy Analytical - Orange</b><br>931 W. Barkley Avenue, Orange, CA 92868<br>Phone 714-771-6900 |                                 |               |                        | <b>Matrix:</b> A = Air S = Soil/Solid<br>W = Water DW = Drinking Water SD = Sediment<br>PP = Pure Product SEA = Sea Water<br>SW = Swab T = Tissue WP = Wipe O = Other |         |                                |                              | <b>Preservatives:</b><br>1 = Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> 2 = HCl 3 = HNO <sub>3</sub><br>4 = H <sub>2</sub> SO <sub>4</sub> 5 = NaOH 6 = Other |           |                   |               | <b>Sample Receipt Temp:</b><br>(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<br><br>Additional email recipients:<br>matt.breuer@wasteconnections.com<br>stormwater@wasteconnections.com<br>tmb@swteng.com<br>aav@swteng.com<br><br>Direct invoices to:<br>Maribel Bolanos<br>(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

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

| 542490-001 Analyte                          | Result | Qual | Units | RL   | MDL   | DF   | Batch  | Prepared          | Analyzed          | Chemist |
|---------------------------------------------|--------|------|-------|------|-------|------|--------|-------------------|-------------------|---------|
| Method: EPA 1664A<br>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<br>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<br>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<br>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<br>Prep Method: METHOD    |        |      |       |      |       |      |        |                   |                   |         |
| Fluoride                                    | ND     |      | mg/L  | 0.20 | 0.073 | 1    | 382322 | 09/18/25<br>20:30 | 09/19/25<br>06:49 | KUM     |
| Chloride                                    | 11     |      | mg/L  | 1.0  | 0.27  | 1    | 382322 | 09/18/25<br>20:30 | 09/19/25<br>06:49 | KUM     |
| Nitrogen, Nitrite                           | 0.03   | J    | mg/L  | 0.10 | 0.02  | 1    | 382322 | 09/18/25<br>20:30 | 09/19/25<br>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<br>20:30 | 09/19/25<br>06:49 | KUM     |
| Nitrogen, Nitrate                           | 3.6    |       | mg/L  | 0.10          | 0.05   | 1    | 382322 | 09/18/25<br>20:30 | 09/19/25<br>06:49 | KUM     |
| Sulfate                                     | 43     |       | mg/L  | 1.0           | 0.18   | 1    | 382322 | 09/18/25<br>20:30 | 09/19/25<br>06:49 | KUM     |
| Method: EPA 350.1<br>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<br>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<br>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<br>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     |
| <b>Surrogates</b>                           |        |       |       | <b>Limits</b> |        |      |        |                   |                   |         |
| 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<br>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     |
| <b>Surrogates</b>                           |           |      | <b>Limits</b> |        |      |     |        |          |          |         |
| Decachlorobiphenyl (PCB)                    | 66%       |      | %REC          | 28-138 |      | 1.1 | 382462 | 09/20/25 | 09/21/25 | MES     |
| Method: EPA 8260B<br>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                                     | <b>29</b> | 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                                  | <b>12</b> |      | 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          | <b>12</b> |      | ug/L          | 1.0 | 0.87 | 1 | 382415 | 09/19/25 | 09/21/25 | TJW |
| <b>Surrogates</b>    |           |      | <b>Limits</b> |     |      |   |        |          |          |     |
| 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     |
| <b>Surrogates</b>                           |                  |      |           | <b>Limits</b> |        |      |        |                   |                   |         |
| 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<br>Prep Method: METHOD |                  |      |           |               |        |      |        |                   |                   |         |
| Cyanide                                     | <b>0.0020</b>    | J    | mg/L      | 0.0050        | 0.0017 | 0.5  | 382786 | 09/24/25          | 09/26/25          | CKN     |
| Method: SM 4500-S2-D<br>Prep Method: METHOD |                  |      |           |               |        |      |        |                   |                   |         |
| Sulfide                                     | ND               |      | mg/L      | 0.10          |        | 1    | 382564 | 09/22/25          | 09/22/25          | LVL     |
| Method: SM 5310B<br>Prep Method: SM 5310B   |                  |      |           |               |        |      |        |                   |                   |         |
| Total Organic Carbon                        | <b>34</b>        |      | mg/L      | 1.0           | 0.49   | 1    | 382325 | 09/18/25          | 09/19/25          | ARM     |
| Method: SM 9221B<br>Prep Method: METHOD     |                  |      |           |               |        |      |        |                   |                   |         |
| Coliform, Total                             | <b>&gt;1,600</b> | H    | MPN/100ml | 1.8           |        | 1    | 382377 | 09/18/25<br>17:36 | 09/20/25<br>18:03 | LXT     |
| Method: SM 9221F                            |                  |      |           |               |        |      |        |                   |                   |         |
| Coliform, E. Coli                           | <b>&gt;1,600</b> | H    | MPN/100ml | 1.8           |        | 1    | 382377 | 09/18/25<br>17:36 | 09/20/25<br>18:03 | LXT     |
| Method: SM2130B                             |                  |      |           |               |        |      |        |                   |                   |         |
| Turbidity                                   | <b>20</b>        |      | NTU       | 0.20          | 0.12   | 1    | 382324 | 09/18/25<br>19:21 | 09/18/25<br>19:21 | TRR     |
| Method: SM2320B<br>Prep Method: METHOD      |                  |      |           |               |        |      |        |                   |                   |         |
| Bicarbonate                                 | <b>64</b>        |      | mg/L      | 3.0           |        | 1.3  | 382459 | 09/20/25          | 09/20/25          | WWC     |
| Alkalinity, Total as CaCO3                  | <b>52</b>        |      | mg/L      | 2.5           |        | 1.3  | 382459 | 09/20/25          | 09/20/25          | WWC     |
| Method: SM2510B<br>Prep Method: METHOD      |                  |      |           |               |        |      |        |                   |                   |         |
| Specific Conductance                        | <b>290</b>       |      | umhos/cm  | 1.0           |        | 1    | 382578 | 09/22/25          | 09/22/25          | RDL     |
| Method: SM2540C<br>Prep Method: METHOD      |                  |      |           |               |        |      |        |                   |                   |         |
| Total Dissolved Solids                      | <b>240</b>       |      | mg/L      | 20            |        | 2    | 382577 | 09/22/25          | 09/23/25          | RDL     |
| Method: SM2540D<br>Prep Method: METHOD      |                  |      |           |               |        |      |        |                   |                   |         |
| Total Suspended Solids                      | <b>28</b>        |      | 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 |
|--------------------|--------|------|-------|----|-----|----|-------|----------|----------|---------|
|--------------------|--------|------|-------|----|-----|----|-------|----------|----------|---------|

Method: SM5210B

Prep Method: METHOD

|                           |           |  |      |     |  |   |        |                   |                   |     |
|---------------------------|-----------|--|------|-----|--|---|--------|-------------------|-------------------|-----|
| Biochemical Oxygen Demand | <b>31</b> |  | mg/L | 3.0 |  | 1 | 382353 | 09/19/25<br>12:32 | 09/24/25<br>12:18 | ARM |
|---------------------------|-----------|--|------|-----|--|---|--------|-------------------|-------------------|-----|

Method: SM5220D

Prep Method: METHOD

|                        |           |  |      |     |     |   |        |          |          |     |
|------------------------|-----------|--|------|-----|-----|---|--------|----------|----------|-----|
| Chemical Oxygen Demand | <b>99</b> |  | mg/L | 4.0 | 2.0 | 1 | 382863 | 09/25/25 | 09/25/25 | ARM |
|------------------------|-----------|--|------|-----|-----|---|--------|----------|----------|-----|

## Analysis Results for 542490

|                                    |                           |                                  |
|------------------------------------|---------------------------|----------------------------------|
| <b>Sample ID:</b>                  | <b>Lab ID: 542490-002</b> | <b>Collected: 09/18/25 08:45</b> |
| <b>SOUTH BASIN - EASTERN INLET</b> | <b>Matrix: Water</b>      |                                  |

| 542490-002 Analyte                          | Result | Qual | Units | RL   | MDL   | DF   | Batch  | Prepared          | Analyzed          | Chemist |
|---------------------------------------------|--------|------|-------|------|-------|------|--------|-------------------|-------------------|---------|
| Method: EPA 1664A<br>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<br>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<br>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<br>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<br>Prep Method: METHOD    |        |      |       |      |       |      |        |                   |                   |         |
| Fluoride                                    | 0.57   |      | mg/L  | 0.20 | 0.073 | 1    | 382322 | 09/18/25<br>20:30 | 09/19/25<br>09:20 | KUM     |
| Chloride                                    | 83     |      | mg/L  | 1.0  | 0.27  | 1    | 382322 | 09/18/25<br>20:30 | 09/19/25<br>09:20 | KUM     |
| Nitrogen, Nitrite                           | ND     |      | mg/L  | 0.10 | 0.02  | 1    | 382322 | 09/18/25<br>20:30 | 09/19/25<br>09:20 | KUM     |
| Bromide                                     | 0.21   | J    | mg/L  | 0.30 | 0.060 | 1    | 382322 | 09/18/25<br>20:30 | 09/19/25<br>09:20 | KUM     |
| Nitrogen, Nitrate                           | 2.1    |      | mg/L  | 0.10 | 0.05  | 1    | 382322 | 09/18/25<br>20:30 | 09/19/25<br>09:20 | KUM     |
| Sulfate                                     | 270    |      | mg/L  | 10   | 1.8   | 10   | 382322 | 09/18/25<br>20:30 | 09/19/25<br>11:19 | KUM     |



## Analysis Results for 542490

| 542490-002 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|--------------------|--------|------|-------|----|-----|----|-------|----------|----------|---------|
|--------------------|--------|------|-------|----|-----|----|-------|----------|----------|---------|

Method: EPA 350.1  
Prep Method: METHOD

|           |             |  |      |      |       |   |        |          |          |     |
|-----------|-------------|--|------|------|-------|---|--------|----------|----------|-----|
| Ammonia-N | <b>0.15</b> |  | mg/L | 0.10 | 0.050 | 1 | 382894 | 09/25/25 | 09/29/25 | JAK |
|-----------|-------------|--|------|------|-------|---|--------|----------|----------|-----|

Method: EPA 420.1  
Prep Method: METHOD

|                 |               |   |      |       |        |   |        |          |          |     |
|-----------------|---------------|---|------|-------|--------|---|--------|----------|----------|-----|
| Total Phenolics | <b>0.0050</b> | J | 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            | 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      | <b>9.2</b> | 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 |
|---------------------------------------------|---------------|------|-------|--------|------|------|--------|----------|----------|---------|
| <b>Surrogates</b>                           | <b>Limits</b> |      |       |        |      |      |        |          |          |         |
| Decachlorobiphenyl (PCB)                    | 90%           |      | %REC  | 28-138 |      | 0.97 | 382462 | 09/20/25 | 09/21/25 | MES     |
| Method: EPA 8260B<br>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     |
| <b>Surrogates</b>                              |        |      |       | <b>Limits</b> |      |      |        |          |          |         |
| 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<br>Prep Method: EPA 3535 |        |      |       |               |      |      |        |          |          |         |
| 1,4-Dioxane                                    | ND     |      | ug/L  | 1.0           | 0.87 | 1    | 382415 | 09/19/25 | 09/21/25 | TJW     |
| <b>Surrogates</b>                              |        |      |       | <b>Limits</b> |      |      |        |          |          |         |
| 1,4-Dioxane-d8 (SUR)                           | 100%   |      | %REC  | 80-120        |      | 1    | 382415 | 09/19/25 | 09/21/25 | TJW     |
| Method: EPA 8270C<br>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     |
| <b>Surrogates</b>                           |        |      |           | <b>Limits</b> |        |      |        |                   |                   |         |
| 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<br>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<br>Prep Method: METHOD |        |      |           |               |        |      |        |                   |                   |         |
| Sulfide                                     | ND     |      | mg/L      | 0.10          |        | 1    | 382564 | 09/22/25          | 09/22/25          | LVL     |
| Method: SM 5310B<br>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<br>Prep Method: METHOD     |        |      |           |               |        |      |        |                   |                   |         |
| Coliform, Total                             | >1,600 | H    | MPN/100ml | 1.8           |        | 1    | 382377 | 09/18/25<br>17:36 | 09/20/25<br>18:03 | LXT     |
| Method: SM 9221F                            |        |      |           |               |        |      |        |                   |                   |         |
| Coliform, E. Coli                           | 130    | H    | MPN/100ml | 1.8           |        | 1    | 382377 | 09/18/25<br>17:36 | 09/20/25<br>18:03 | LXT     |
| Method: SM2130B                             |        |      |           |               |        |      |        |                   |                   |         |
| Turbidity                                   | 2,600  |      | NTU       | 2.0           | 1.2    | 10   | 382324 | 09/18/25<br>19:21 | 09/18/25<br>19:21 | TRR     |
| Method: SM2320B<br>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<br>Prep Method: METHOD      |        |      |           |               |        |      |        |                   |                   |         |
| Specific Conductance                        | 1,220  |      | umhos/cm  | 1.0           |        | 1    | 382578 | 09/22/25          | 09/22/25          | RDL     |
| Method: SM2540C<br>Prep Method: METHOD      |        |      |           |               |        |      |        |                   |                   |         |
| Total Dissolved Solids                      | 940    |      | mg/L      | 20            |        | 2    | 382577 | 09/22/25          | 09/23/25          | RDL     |
| Method: SM2540D<br>Prep Method: METHOD      |        |      |           |               |        |      |        |                   |                   |         |
| Total Suspended Solids                      | 15,000 |      | mg/L      | 0.5           |        | 1    | 382466 | 09/20/25          | 09/22/25          | TRR     |
| Method: SM5210B<br>Prep Method: METHOD      |        |      |           |               |        |      |        |                   |                   |         |
| Biochemical Oxygen Demand                   | ND     |      | mg/L      | 3.0           |        | 1    | 382353 | 09/19/25<br>12:32 | 09/24/25<br>12:18 | ARM     |
| Method: SM5220D<br>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

|                      |                          |                            |
|----------------------|--------------------------|----------------------------|
| <b>Type: Blank</b>   | <b>Lab ID: QC1297711</b> | <b>Batch: 383073</b>       |
| <b>Matrix: Water</b> | <b>Method: EPA 1664A</b> | <b>Prep Method: METHOD</b> |

| 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 |

|                                 |                          |                            |
|---------------------------------|--------------------------|----------------------------|
| <b>Type: Lab Control Sample</b> | <b>Lab ID: QC1297712</b> | <b>Batch: 383073</b>       |
| <b>Matrix: Water</b>            | <b>Method: EPA 1664A</b> | <b>Prep Method: METHOD</b> |

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

|                                           |                          |                            |
|-------------------------------------------|--------------------------|----------------------------|
| <b>Type: Lab Control Sample Duplicate</b> | <b>Lab ID: QC1297713</b> | <b>Batch: 383073</b>       |
| <b>Matrix: Water</b>                      | <b>Method: EPA 1664A</b> | <b>Prep Method: METHOD</b> |

| 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      |

|                      |                          |                               |
|----------------------|--------------------------|-------------------------------|
| <b>Type: Blank</b>   | <b>Lab ID: QC1295250</b> | <b>Batch: 382392</b>          |
| <b>Matrix: Water</b> | <b>Method: EPA 200.7</b> | <b>Prep Method: EPA 3015A</b> |

| 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 |

|                                 |                          |                               |
|---------------------------------|--------------------------|-------------------------------|
| <b>Type: Lab Control Sample</b> | <b>Lab ID: QC1295251</b> | <b>Batch: 382392</b>          |
| <b>Matrix: Water</b>            | <b>Method: EPA 200.7</b> | <b>Prep Method: EPA 3015A</b> |

| 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

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

| 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  |

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

| 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  |

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

| 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

|                                 |                          |                               |
|---------------------------------|--------------------------|-------------------------------|
| <b>Type: Lab Control Sample</b> | <b>Lab ID: QC1295293</b> | <b>Batch: 382402</b>          |
| <b>Matrix: Filtrate</b>         | <b>Method: EPA 200.8</b> | <b>Prep Method: EPA 3015A</b> |

| 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 |

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

| 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

|                                               |                          |                               |
|-----------------------------------------------|--------------------------|-------------------------------|
| <b>Type:</b> Matrix Spike Duplicate           | <b>Lab ID:</b> QC1295295 | <b>Batch:</b> 382402          |
| <b>Matrix (Source ID):</b> Water (542490-001) | <b>Method:</b> EPA 200.8 | <b>Prep Method:</b> 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 |

|                      |                          |                               |
|----------------------|--------------------------|-------------------------------|
| <b>Type:</b> Blank   | <b>Lab ID:</b> QC1295296 | <b>Batch:</b> 382402          |
| <b>Matrix:</b> Water | <b>Method:</b> EPA 200.8 | <b>Prep Method:</b> 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

|                      |                          |                               |
|----------------------|--------------------------|-------------------------------|
| <b>Type: Blank</b>   | <b>Lab ID: QC1295146</b> | <b>Batch: 382351</b>          |
| <b>Matrix: Water</b> | <b>Method: EPA 245.1</b> | <b>Prep Method: EPA 245.1</b> |

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

|                                 |                          |                               |
|---------------------------------|--------------------------|-------------------------------|
| <b>Type: Lab Control Sample</b> | <b>Lab ID: QC1295147</b> | <b>Batch: 382351</b>          |
| <b>Matrix: Water</b>            | <b>Method: EPA 245.1</b> | <b>Prep Method: EPA 245.1</b> |

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

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

| 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  |

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

| 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  |

|                      |                          |                            |
|----------------------|--------------------------|----------------------------|
| <b>Type: Blank</b>   | <b>Lab ID: QC1295026</b> | <b>Batch: 382322</b>       |
| <b>Matrix: Water</b> | <b>Method: EPA 300.0</b> | <b>Prep Method: METHOD</b> |

| 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 |

|                                 |                          |                            |
|---------------------------------|--------------------------|----------------------------|
| <b>Type: Lab Control Sample</b> | <b>Lab ID: QC1295027</b> | <b>Batch: 382322</b>       |
| <b>Matrix: Water</b>            | <b>Method: EPA 300.0</b> | <b>Prep Method: METHOD</b> |

| 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

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

| 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  |

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

| 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  |

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

| 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  |

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

| 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

|                      |                          |                            |
|----------------------|--------------------------|----------------------------|
| <b>Type: Blank</b>   | <b>Lab ID: QC1296989</b> | <b>Batch: 382894</b>       |
| <b>Matrix: Water</b> | <b>Method: EPA 350.1</b> | <b>Prep Method: METHOD</b> |

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

|                                 |                          |                            |
|---------------------------------|--------------------------|----------------------------|
| <b>Type: Lab Control Sample</b> | <b>Lab ID: QC1296990</b> | <b>Batch: 382894</b>       |
| <b>Matrix: Water</b>            | <b>Method: EPA 350.1</b> | <b>Prep Method: METHOD</b> |

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

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

| 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  |

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

| 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  |

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

| 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  |

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

| 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  |

|                      |                          |                            |
|----------------------|--------------------------|----------------------------|
| <b>Type: Blank</b>   | <b>Lab ID: QC1296541</b> | <b>Batch: 382769</b>       |
| <b>Matrix: Water</b> | <b>Method: EPA 420.1</b> | <b>Prep Method: METHOD</b> |

| 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

|                                 |                          |                            |
|---------------------------------|--------------------------|----------------------------|
| <b>Type: Lab Control Sample</b> | <b>Lab ID: QC1296542</b> | <b>Batch: 382769</b>       |
| <b>Matrix: Water</b>            | <b>Method: EPA 420.1</b> | <b>Prep Method: METHOD</b> |

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

|                                           |                          |                            |
|-------------------------------------------|--------------------------|----------------------------|
| <b>Type: Lab Control Sample Duplicate</b> | <b>Lab ID: QC1296543</b> | <b>Batch: 382769</b>       |
| <b>Matrix: Water</b>                      | <b>Method: EPA 420.1</b> | <b>Prep Method: METHOD</b> |

| 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<br>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<br>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

|                                 |                          |                               |
|---------------------------------|--------------------------|-------------------------------|
| <b>Type: Lab Control Sample</b> | <b>Lab ID: QC1295127</b> | <b>Batch: 382347</b>          |
| <b>Matrix: Water</b>            | <b>Method: EPA 8270C</b> | <b>Prep Method: EPA 3510C</b> |

| 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 |
| <b>Surrogates</b>          |        |        |       |          |      |        |
| 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

|                                           |                          |                               |
|-------------------------------------------|--------------------------|-------------------------------|
| <b>Type:</b> Lab Control Sample Duplicate | <b>Lab ID:</b> QC1295128 | <b>Batch:</b> 382347          |
| <b>Matrix:</b> Water                      | <b>Method:</b> EPA 8270C | <b>Prep Method:</b> 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      |
| <b>Surrogates</b>          |        |        |       |          |      |        |     |         |
| 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<br>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 |
| <b>Surrogates</b>                           |        |      |       | <b>Limits</b> |       |          |          |
| 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<br>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 |
| <b>Surrogates</b>                           |        |      |       | <b>Limits</b> |       |          |          |
| Decachlorobiphenyl (PCB)                    | 111%   |      | %REC  | 28-138        |       | 09/20/25 | 09/21/25 |

## Batch QC

|                                 |                          |                               |
|---------------------------------|--------------------------|-------------------------------|
| <b>Type: Lab Control Sample</b> | <b>Lab ID: QC1295526</b> | <b>Batch: 382462</b>          |
| <b>Matrix: Water</b>            | <b>Method: EPA 8081A</b> | <b>Prep Method: EPA 3510C</b> |

| 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 |
| <b>Surrogates</b>  |        |        |       |          |      |        |
| TCMX               | 0.3735 | 0.5000 | ug/L  | 75%      |      | 29-120 |
| Decachlorobiphenyl | 0.4685 | 0.5000 | ug/L  | 94%      |      | 33-132 |

## Batch QC

|                                           |                          |                               |
|-------------------------------------------|--------------------------|-------------------------------|
| <b>Type:</b> Lab Control Sample Duplicate | <b>Lab ID:</b> QC1295527 | <b>Batch:</b> 382462          |
| <b>Matrix:</b> Water                      | <b>Method:</b> EPA 8081A | <b>Prep Method:</b> 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      |
| <b>Surrogates</b>  |        |        |       |          |      |        |     |         |
| TCMX               | 0.3060 | 0.5000 | ug/L  | 61%      |      | 29-120 |     |         |
| Decachlorobiphenyl | 0.4764 | 0.5000 | ug/L  | 95%      |      | 33-132 |     |         |

|                                 |                          |                               |
|---------------------------------|--------------------------|-------------------------------|
| <b>Type:</b> Lab Control Sample | <b>Lab ID:</b> QC1295528 | <b>Batch:</b> 382462          |
| <b>Matrix:</b> Water            | <b>Method:</b> EPA 8082  | <b>Prep Method:</b> 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 |
| <b>Surrogates</b>        |        |        |       |          |      |        |
| Decachlorobiphenyl (PCB) | 0.4984 | 0.5000 | ug/L  | 100%     |      | 28-138 |

|                                           |                          |                               |
|-------------------------------------------|--------------------------|-------------------------------|
| <b>Type:</b> Lab Control Sample Duplicate | <b>Lab ID:</b> QC1295529 | <b>Batch:</b> 382462          |
| <b>Matrix:</b> Water                      | <b>Method:</b> EPA 8082  | <b>Prep Method:</b> 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      |
| <b>Surrogates</b>        |        |        |       |          |      |        |     |         |
| Decachlorobiphenyl (PCB) | 0.5488 | 0.5000 | ug/L  | 110%     |      | 28-138 |     |         |



## Batch QC

|                                 |                          |                               |
|---------------------------------|--------------------------|-------------------------------|
| <b>Type: Lab Control Sample</b> | <b>Lab ID: QC1295398</b> | <b>Batch: 382436</b>          |
| <b>Matrix: Water</b>            | <b>Method: EPA 8260B</b> | <b>Prep Method: EPA 5030B</b> |

| 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 |
| <b>Surrogates</b>     |        |        |       |          |      |        |
| 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 |

|                                           |                          |                               |
|-------------------------------------------|--------------------------|-------------------------------|
| <b>Type: Lab Control Sample Duplicate</b> | <b>Lab ID: QC1295399</b> | <b>Batch: 382436</b>          |
| <b>Matrix: Water</b>                      | <b>Method: EPA 8260B</b> | <b>Prep Method: EPA 5030B</b> |

| 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      |
| <b>Surrogates</b>     |        |        |       |          |      |        |     |         |
| 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 |     |         |

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

| 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  |
| <b>Surrogates</b>     |        |                      |        |       |          |      |        |    |
| 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

|                                               |                          |                               |
|-----------------------------------------------|--------------------------|-------------------------------|
| <b>Type:</b> Matrix Spike Duplicate           | <b>Lab ID:</b> QC1295409 | <b>Batch:</b> 382436          |
| <b>Matrix (Source ID):</b> Water (542337-001) | <b>Method:</b> EPA 8260B | <b>Prep Method:</b> 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  |
| <b>Surrogates</b>     |        |                      |        |       |          |      |        |     |         |    |
| 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**  
**Matrix: Water**

**Lab ID: QC1295410**  
**Method: EPA 8260B**

**Batch: 382436**  
**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 |
| <b>Surrogates</b>           |        |      |       | <b>Limits</b> |      |          |          |
| 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 |

|                      |                              |                              |
|----------------------|------------------------------|------------------------------|
| <b>Type: Blank</b>   | <b>Lab ID: QC1295341</b>     | <b>Batch: 382415</b>         |
| <b>Matrix: Water</b> | <b>Method: EPA 8270C-SIM</b> | <b>Prep Method: EPA 3535</b> |

| 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 |
| <b>Surrogates</b>    |        |      |       | <b>Limits</b> |      |          |          |
| 1,4-Dioxane-d8 (SUR) | 100%   |      | %REC  | 80-120        |      | 09/19/25 | 09/21/25 |

## Batch QC

|                                 |                              |                              |
|---------------------------------|------------------------------|------------------------------|
| <b>Type:</b> Lab Control Sample | <b>Lab ID:</b> QC1295342     | <b>Batch:</b> 382415         |
| <b>Matrix:</b> Water            | <b>Method:</b> EPA 8270C-SIM | <b>Prep Method:</b> EPA 3535 |

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

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

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

|                      |                             |                            |
|----------------------|-----------------------------|----------------------------|
| <b>Type:</b> Blank   | <b>Lab ID:</b> QC1296568    | <b>Batch:</b> 382786       |
| <b>Matrix:</b> Water | <b>Method:</b> SM 4500-CN-E | <b>Prep Method:</b> METHOD |

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

|                                 |                             |                            |
|---------------------------------|-----------------------------|----------------------------|
| <b>Type:</b> Lab Control Sample | <b>Lab ID:</b> QC1296569    | <b>Batch:</b> 382786       |
| <b>Matrix:</b> Water            | <b>Method:</b> SM 4500-CN-E | <b>Prep Method:</b> METHOD |

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

|                                               |                             |                            |
|-----------------------------------------------|-----------------------------|----------------------------|
| <b>Type:</b> Matrix Spike                     | <b>Lab ID:</b> QC1296570    | <b>Batch:</b> 382786       |
| <b>Matrix (Source ID):</b> Water (542461-001) | <b>Method:</b> SM 4500-CN-E | <b>Prep Method:</b> 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 |

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

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

## Batch QC

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

| 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 |

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

| 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 |

|                      |                             |                            |
|----------------------|-----------------------------|----------------------------|
| <b>Type: Blank</b>   | <b>Lab ID: QC1295857</b>    | <b>Batch: 382564</b>       |
| <b>Matrix: Water</b> | <b>Method: SM 4500-S2-D</b> | <b>Prep Method: METHOD</b> |

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

|                                 |                             |                            |
|---------------------------------|-----------------------------|----------------------------|
| <b>Type: Lab Control Sample</b> | <b>Lab ID: QC1295858</b>    | <b>Batch: 382564</b>       |
| <b>Matrix: Water</b>            | <b>Method: SM 4500-S2-D</b> | <b>Prep Method: METHOD</b> |

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

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

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

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

| 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  |

|                      |                          |                              |
|----------------------|--------------------------|------------------------------|
| <b>Type: Blank</b>   | <b>Lab ID: QC1295038</b> | <b>Batch: 382325</b>         |
| <b>Matrix: Water</b> | <b>Method: SM 5310B</b>  | <b>Prep Method: SM 5310B</b> |

| 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

|                                 |                          |                              |
|---------------------------------|--------------------------|------------------------------|
| <b>Type:</b> Lab Control Sample | <b>Lab ID:</b> QC1295039 | <b>Batch:</b> 382325         |
| <b>Matrix:</b> Water            | <b>Method:</b> SM 5310B  | <b>Prep Method:</b> SM 5310B |

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

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

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

|                                               |                          |                      |
|-----------------------------------------------|--------------------------|----------------------|
| <b>Type:</b> Sample Duplicate                 | <b>Lab ID:</b> QC1295037 | <b>Batch:</b> 382324 |
| <b>Matrix (Source ID):</b> Water (542453-001) | <b>Method:</b> SM2130B   |                      |

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

|                      |                          |                            |
|----------------------|--------------------------|----------------------------|
| <b>Type:</b> Blank   | <b>Lab ID:</b> QC1295509 | <b>Batch:</b> 382459       |
| <b>Matrix:</b> Water | <b>Method:</b> SM2320B   | <b>Prep Method:</b> 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 CaCO3 | ND     |      | mg/L  | 2.0 |     | 09/20/25 | 09/20/25 |

|                                 |                          |                            |
|---------------------------------|--------------------------|----------------------------|
| <b>Type:</b> Lab Control Sample | <b>Lab ID:</b> QC1295510 | <b>Batch:</b> 382459       |
| <b>Matrix:</b> Water            | <b>Method:</b> SM2320B   | <b>Prep Method:</b> METHOD |

| QC1295510 Analyte          | Result | Spiked | Units | Recovery | Qual | Limits |
|----------------------------|--------|--------|-------|----------|------|--------|
| Alkalinity, Total as CaCO3 | 1,057  | 1000   | mg/L  | 106%     |      | 90-110 |

## Batch QC

|                                               |                          |                            |
|-----------------------------------------------|--------------------------|----------------------------|
| <b>Type:</b> Sample Duplicate                 | <b>Lab ID:</b> QC1295511 | <b>Batch:</b> 382459       |
| <b>Matrix (Source ID):</b> Water (542522-002) | <b>Method:</b> SM2320B   | <b>Prep Method:</b> 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 <sub>3</sub> | 622.6  | 616.4                | mg/L  |      | 1   | 20      | 5  |

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

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

|                      |                          |                            |
|----------------------|--------------------------|----------------------------|
| <b>Type:</b> Blank   | <b>Lab ID:</b> QC1295905 | <b>Batch:</b> 382577       |
| <b>Matrix:</b> Water | <b>Method:</b> SM2540C   | <b>Prep Method:</b> METHOD |

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

|                                 |                          |                            |
|---------------------------------|--------------------------|----------------------------|
| <b>Type:</b> Lab Control Sample | <b>Lab ID:</b> QC1295906 | <b>Batch:</b> 382577       |
| <b>Matrix:</b> Water            | <b>Method:</b> SM2540C   | <b>Prep Method:</b> METHOD |

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

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

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

|                                               |                          |                            |
|-----------------------------------------------|--------------------------|----------------------------|
| <b>Type:</b> Sample Duplicate                 | <b>Lab ID:</b> QC1295908 | <b>Batch:</b> 382577       |
| <b>Matrix (Source ID):</b> Water (542513-003) | <b>Method:</b> SM2540C   | <b>Prep Method:</b> 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  |

|                      |                          |                            |
|----------------------|--------------------------|----------------------------|
| <b>Type:</b> Blank   | <b>Lab ID:</b> QC1295538 | <b>Batch:</b> 382466       |
| <b>Matrix:</b> Water | <b>Method:</b> SM2540D   | <b>Prep Method:</b> 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

|                                 |                          |                            |
|---------------------------------|--------------------------|----------------------------|
| <b>Type:</b> Lab Control Sample | <b>Lab ID:</b> QC1295539 | <b>Batch:</b> 382466       |
| <b>Matrix:</b> Water            | <b>Method:</b> SM2540D   | <b>Prep Method:</b> METHOD |

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

|                                           |                          |                            |
|-------------------------------------------|--------------------------|----------------------------|
| <b>Type:</b> Lab Control Sample Duplicate | <b>Lab ID:</b> QC1295540 | <b>Batch:</b> 382466       |
| <b>Matrix:</b> Water                      | <b>Method:</b> SM2540D   | <b>Prep Method:</b> 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       |

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

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

|                                               |                          |                            |
|-----------------------------------------------|--------------------------|----------------------------|
| <b>Type:</b> Sample Duplicate                 | <b>Lab ID:</b> QC1295542 | <b>Batch:</b> 382466       |
| <b>Matrix (Source ID):</b> Water (542155-004) | <b>Method:</b> SM2540D   | <b>Prep Method:</b> 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  |

|                      |                          |                            |
|----------------------|--------------------------|----------------------------|
| <b>Type:</b> Blank   | <b>Lab ID:</b> QC1295154 | <b>Batch:</b> 382353       |
| <b>Matrix:</b> Water | <b>Method:</b> SM5210B   | <b>Prep Method:</b> 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 |

|                                 |                          |                            |
|---------------------------------|--------------------------|----------------------------|
| <b>Type:</b> Lab Control Sample | <b>Lab ID:</b> QC1295155 | <b>Batch:</b> 382353       |
| <b>Matrix:</b> Water            | <b>Method:</b> SM5210B   | <b>Prep Method:</b> METHOD |

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

|                                               |                          |                            |
|-----------------------------------------------|--------------------------|----------------------------|
| <b>Type:</b> Sample Duplicate                 | <b>Lab ID:</b> QC1295156 | <b>Batch:</b> 382353       |
| <b>Matrix (Source ID):</b> Water (542150-004) | <b>Method:</b> SM5210B   | <b>Prep Method:</b> 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

|                      |                          |                            |
|----------------------|--------------------------|----------------------------|
| <b>Type: Blank</b>   | <b>Lab ID: QC1296867</b> | <b>Batch: 382863</b>       |
| <b>Matrix: Water</b> | <b>Method: SM5220D</b>   | <b>Prep Method: METHOD</b> |

| 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 |

|                                 |                          |                            |
|---------------------------------|--------------------------|----------------------------|
| <b>Type: Lab Control Sample</b> | <b>Lab ID: QC1296868</b> | <b>Batch: 382863</b>       |
| <b>Matrix: Water</b>            | <b>Method: SM5220D</b>   | <b>Prep Method: METHOD</b> |

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

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

| 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  |

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

| 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

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### Quality Control Reports

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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

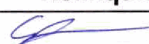
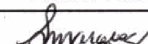
Report Level: II

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:                                                                          |
|--------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|        |  1540 |  |
|        | 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<br>Fed Ex <input checked="" type="checkbox"/> UPS <input type="checkbox"/> GSO / GLS <input type="checkbox"/> Hand Delivery <input type="checkbox"/><br>Pace Lab Field Service <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____                |  |                                                                         | SHIPPING CONTAINER<br>Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/><br>Other <input type="checkbox"/> (Specify) _____ |                           | FREE LIQUID<br>YES <input type="checkbox"/> NO <input checked="" type="checkbox"/><br><u>W</u> / <u>S</u> |
| Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____                                                                                                                        |  |                                                                         |                                                                                                                                                                                  |                           |                                                                                                           |
| Custody Seals Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____                                                                                                                                              |  |                                                                         |                                                                                                                                                                                  |                           |                                                                                                           |
| Intact? Yes <input type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                                                                                                          |  |                                                                         |                                                                                                                                                                                  |                           |                                                                                                           |
| All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |  |                                                                         |                                                                                                                                                                                  |                           |                                                                                                           |
| COC Received<br><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO                                                                                                                                                                                                        |  | Emissivity: <u>0.97</u> Container: <u>NA</u> Thermometer ID: <u>367</u> |                                                                                                                                                                                  | Date/Time <u>9-19-25</u>  |                                                                                                           |
| Temperature: (A) <u>3.6</u> °C / (C) <u>3.2</u> °C                                                                                                                                                                                                                                         |  | 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 <sup>6</sup>                        |                |   |   |   |   |   |   |   |   |    |
| 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 | <b>COC Number:</b>        | ---                         | <b>Receive Date:</b>  | 09/19/2025 10:37 |
|            | <b>Project Number:</b>    | ---                         | <b>Sampling Date:</b> | 09/18/2025 08:15 |
|            | <b>Sampling Location:</b> | ---                         | <b>Sample Depth:</b>  | ---              |
|            | <b>Sampling Point:</b>    | SOUTH BASIN - WESTERN INLET | <b>Lab Matrix:</b>    | Water            |
|            | <b>Sampled By:</b>        | client                      | <b>Sample Type:</b>   | Water            |
|            |                           |                             |                       |                  |
| 2516526-02 | <b>COC Number:</b>        | ---                         | <b>Receive Date:</b>  | 09/19/2025 10:37 |
|            | <b>Project Number:</b>    | ---                         | <b>Sampling Date:</b> | 09/18/2025 08:45 |
|            | <b>Sampling Location:</b> | ---                         | <b>Sample Depth:</b>  | ---              |
|            | <b>Sampling Point:</b>    | SOUTH BASIN - EASTERN INLET | <b>Lab Matrix:</b>    | Water            |
|            | <b>Sampled By:</b>        | client                      | <b>Sample Type:</b>   | 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.*

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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 #    |
|---------------------------------------|---------------------|-------------|----------|-----------------------------|-------|-----------|----------|
| <b>QC Batch ID: B219616</b>           |                     |             |          |                             |       |           |          |
| 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        |
| <b>Triphenylphosphate (Surrogate)</b> | <b>B219616-BLK1</b> | <b>94.8</b> | <b>%</b> | <b>50 - 130 (LCL - UCL)</b> |       |           | <b>1</b> |

| 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        |

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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)

### 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

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## 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 <sup>1</sup>                                                                    |
| 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 <sup>2</sup>                                                                           |
| RPD            | Relative Percent Difference                                                                            |
| RRT            | Relative Retention Time                                                                                |
| RSD            | Relative Standard Deviation                                                                            |
| SNR            | Surrogate is diluted out of the calibration range                                                      |

<sup>1</sup> 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.

<sup>2</sup> 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 | -       | -             | -               |
| <b>Surrogate Recovery</b>              |           |       |      |         |               |                 |
| 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        |
| <b>Surrogate Recovery</b>              |            |             |         |          |           |                 |        |           |
| 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<br>Result | MDL | RL |   |   |   |
|----------------|--------------|-----|----|---|---|---|
| Carbon Dioxide | ND           | 50  | 50 | - | - | - |

| Analyte        | LCS<br>Result | LCSD<br>Result | SPK<br>Val | LCS<br>%REC | LCSD<br>%REC | LCS/LCSD<br>Limits | RPD  | RPD<br>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 | <input type="checkbox"/> | A                                  | A | B |   |   |   |   |   |   |    |    |    |
| 2509E49-002 | SOUTH BASIN-EASTERN INLET | Water  | 9/18/2025 08:45 | <input type="checkbox"/> | 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./<br>Comp. | Bottle &<br>Preservative    | U**                      | Head<br>Space            | Dry-<br>Weight           | Collection Date<br>& Time | TAT    | Test Due Date | Sediment<br>Content | Hold                     | Sub<br>Out               |
|-------|-------------------------------|--------|---------------------------------|-----------------|-----------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------|---------------|---------------------|--------------------------|--------------------------|
| 001A  | SOUTH BASIN-<br>WESTERN INLET | Water  | E8151A (Chlorinated Herbicides) | 1               | 1LA Narrow Mouth,<br>Unpres | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 9/18/2025 8:15            | 5 days | 9/26/2025     | Present             | <input type="checkbox"/> | <input type="checkbox"/> |
| 001B  | SOUTH BASIN-<br>WESTERN INLET | Water  | RSK175 (CO2)                    | 2               | VOA, Unpres                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 9/18/2025 8:15            | 5 days | 9/26/2025     | Present             | <input type="checkbox"/> | <input type="checkbox"/> |
| 002A  | SOUTH BASIN-<br>EASTERN INLET | Water  | E8151A (Chlorinated Herbicides) | 1               | 1LA Narrow Mouth,<br>Unpres | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 9/18/2025 8:45            | 5 days | 9/26/2025     | Present             | <input type="checkbox"/> | <input type="checkbox"/> |
| 002B  | SOUTH BASIN-<br>EASTERN INLET | Water  | RSK175 (CO2)                    | 2               | VOA, Unpres                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 9/18/2025 8:45            | 5 days | 9/26/2025     | Present             | <input type="checkbox"/> | <input type="checkbox"/> |

**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

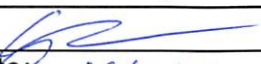
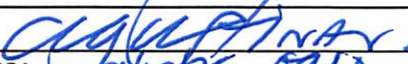
Enthalpy Order: EO-542490

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 <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |                             |
| Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |                             |
| Chain of custody agrees with sample labels?             | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |                             |
| Sample IDs noted by Client on COC?                      | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |                             |
| Date and Time of collection noted by Client on COC?     | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |                             |
| Sampler's name noted on COC?                            | Yes <input type="checkbox"/>            | No <input checked="" type="checkbox"/> |                             |
| COC agrees with Quote?                                  | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            | NA <input type="checkbox"/> |
| COC quote NOT expired?                                  | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            | NA <input type="checkbox"/> |

### Sample Receipt Information

|                                                    |                                         |                             |                                        |
|----------------------------------------------------|-----------------------------------------|-----------------------------|----------------------------------------|
| Custody seals intact on shipping container/cooler? | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Custody seals intact on sample bottles?            | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Shipping container/cooler in good condition?       | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |                                        |
| Samples in proper containers/bottles?              | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |                                        |
| Sample containers intact?                          | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |                                        |
| Sufficient sample volume for indicated test?       | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |                                        |

### Sample Preservation and Hold Time (HT) Information

|                                           |                                         |                             |                             |
|-------------------------------------------|-----------------------------------------|-----------------------------|-----------------------------|
| All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| Samples Received on Ice?                  | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |                             |

(Ice Type: WET ICE )

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

### UCMR Samples:

|                                                                                        |                                                          |                                        |
|----------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------|
| pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?           | Yes <input type="checkbox"/> No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7)? | Yes <input type="checkbox"/> No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

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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## 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

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without the written consent of Pace Analytical Services, LLC.

D051

Enthalpy Order: EO-542490

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

Report Level: 11

61900079

[illegible]

201

Received By:

7/15/50 0312 06/15

|                          | Sample Receipt Checklist                                                                     |                                                                                       |
|--------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| COG Seal Present/Intact: | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NP | If Applicable                                                                         |
| COG Signed/Accurate:     | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N                             | VOA Zero Headpace: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N   |
| Bottles arrive intact:   | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N                             | Pres. Correct/Check: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N |
| Correct bottles used:    | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N                             |                                                                                       |
| Sufficient Volume sent:  | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N                             | Condition: <input checked="" type="checkbox"/> NCF <input type="checkbox"/> OK        |
| RA Screen <0.5 mB/hr:    | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N                             |                                                                                       |

Candicans: ☒ OK

RD 441-0-1=1/0





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.*  
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Report ID: 1001626995

4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 [www.pacelabs.com](http://www.pacelabs.com)

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### Sample Information

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| Laboratory / Client Sample Cross Reference..... | 6 |

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| Notes and Definitions..... | 7 |
|----------------------------|---|



**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: | <input type="checkbox"/> |
| Date Prepared:                      | 09/25/25                 |
| <b>REQUESTED COMPLETION DATE:</b>   | <b>10/3/2025</b>         |

|                        |                  |                      |                     |
|------------------------|------------------|----------------------|---------------------|
| 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:            |
|--------|-------------------------|-------------------------|
|        | <i>[Signature]</i> 1700 | <i>[Signature]</i> 0930 |
|        | Date: 9/18/25           | Date: 9/19/25           |
|        | Date:                   | Date:                   |
|        | Date:                   | Date:                   |

71550312 0915

Sample Receipt Checklist

COC Seal Present/Intact: ☒ Y ☐ N ☐ N/A 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 Condition: ☐ NCF ☒ OK

Sufficient volume sent: ☒ Y ☐ N

RA Screen <0.5 mR/hr: ☒ Y ☐ N

Conductivity: 2

BA 1.1-01=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 | <b>COC Number:</b>        | ---                         | <b>Receive Date:</b>  | 09/19/2025 09:30 |
|            | <b>Project Number:</b>    | ---                         | <b>Sampling Date:</b> | 09/18/2025 08:15 |
|            | <b>Sampling Location:</b> | ---                         | <b>Sample Depth:</b>  | ---              |
|            | <b>Sampling Point:</b>    | South Basin - Western Inlet | <b>Lab Matrix:</b>    | Water            |
|            | <b>Sampled By:</b>        | Client                      | <b>Sample Type:</b>   | Water            |
|            |                           |                             |                       |                  |
| 2516722-02 | <b>COC Number:</b>        | ---                         | <b>Receive Date:</b>  | 09/19/2025 09:30 |
|            | <b>Project Number:</b>    | ---                         | <b>Sampling Date:</b> | 09/18/2025 08:45 |
|            | <b>Sampling Location:</b> | ---                         | <b>Sample Depth:</b>  | ---              |
|            | <b>Sampling Point:</b>    | South Basin - Eastern Inlet | <b>Lab Matrix:</b>    | Water            |
|            | <b>Sampled By:</b>        | Client                      | <b>Sample Type:</b>   | Water            |
|            |                           |                             |                       |                  |

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

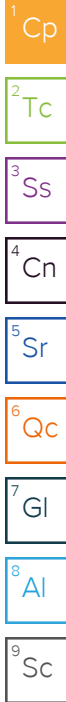
**Reported:** 10/08/2025 23:10  
**Project:** Chiquita Canyon Landfill Stormwater  
**Project Number:** EO-542490  
**Project Manager:** Nikayla Yasurek

## 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



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 National**12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 [mydata.pacelabs.com](http://mydata.pacelabs.com)

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|                                                         |    | <sup>9</sup> 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     |

## 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     |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

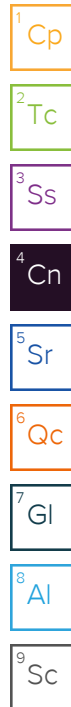
9Sc

# 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.  
Respooled 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> |
|-----------------------------|-------------------------------------------|---------------|
| <a href="#">L1900079-01</a> | <a href="#">SOUTH BASIN-WESTERN INLET</a> | 625.1         |
| <a href="#">L1900079-02</a> | <a href="#">SOUTH BASIN-EASTERN INLET</a> | 625.1         |

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

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

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

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

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

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

| Analyte                  | MB Result<br>mg/l | MB Qualifier | MB MDL<br>mg/l | MB RDL<br>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<br>mg/l | LCS Result<br>mg/l | LCS Rec.<br>% | Rec. Limits<br>% | 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<br>mg/l | Original Result<br>mg/l | MS Result<br>mg/l | MSD Result<br>mg/l | MS Rec.<br>% | MSD Rec.<br>% | Dilution | Rec. Limits<br>% | MS Qualifier | MSD Qualifier | RPD<br>% | RPD Limits<br>% |
|--------------------------|----------------------|-------------------------|-------------------|--------------------|--------------|---------------|----------|------------------|--------------|---------------|----------|-----------------|
| 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  
Cp

2  
Tc

3  
Ss

4  
Cn

5  
Sr

6  
Qc

7  
Gl

8  
Al

9  
Sc



# 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.

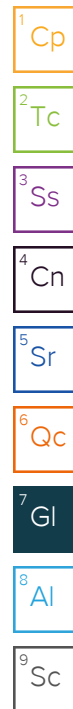
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location.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

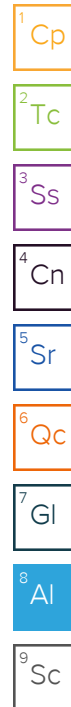
## Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

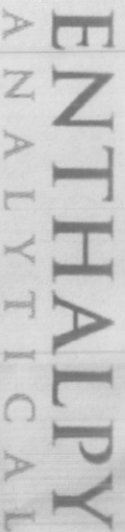
|                                |             |                             |                  |
|--------------------------------|-------------|-----------------------------|------------------|
| Alabama                        | 40660       | Nebraska                    | NE-OS-15-05      |
| Alaska                         | 17-026      | Nevada                      | TN000032021-1    |
| Arizona                        | AZ0612      | New Hampshire               | 2975             |
| Arkansas                       | 88-0469     | New Jersey--NELAP           | TN002            |
| California                     | 2932        | New Mexico <sup>1</sup>     | TN00003          |
| Colorado                       | TN00003     | New York                    | 11742            |
| Connecticut                    | PH-0197     | North Carolina              | Env375           |
| Florida                        | E87487      | North Carolina <sup>1</sup> | DW21704          |
| Georgia                        | NELAP       | North Carolina <sup>3</sup> | 41               |
| Georgia <sup>1</sup>           | 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 <sup>1 6</sup>        | KY90010     | South Carolina              | 84004002         |
| Kentucky <sup>2</sup>          | 16          | South Dakota                | n/a              |
| Louisiana                      | AI30792     | Tennessee <sup>1 4</sup>    | 2006             |
| Louisiana                      | LA018       | Texas                       | T104704245-20-18 |
| Maine                          | TN00003     | Texas <sup>5</sup>          | 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 <sup>5</sup> | 1461.02     | DOD                         | 1461.01          |
| Canada                         | 1461.01     | USDA                        | P330-15-00234    |
| EPA--Crypto                    | TN00003     |                             |                  |

<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> 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.





D051

Enthalpy Order: EO-542490

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

Report Level: II

Report To: MDL

EDDS:

## Notes:

Sample ID

Collected

Lab ID

# Cont.

## Matrix

Analysis Requested

Comment

**SOUTH BASIN - WESTERN INLET**  
**SOUTH BASIN - EASTERN INLET**

18-SEP-2025 08:15  
18-SEP-2025 08:45

542490-001  
542490-002

1

Water

EPA 625.1

**Notes:**

Relinquished By:

Received By:

Date: 2/18/15

1700

Date: 

Office 0930  
1/19/75

Date:

Date:

Date:

Date:

7/1550312 09/15  
Samp

RD Aq.1-2.1=1.0

COC Seal Present/Intact:  
COC Signed/Accurate:  
Bottles arrive intact:  
Correct bottles used:  
Sufficient volume sent:  
RA screen <0.5 mR/hr:

☒ Y ☒ N ☒ NE If Applicable  
☒ X ☒ N VOA Zero Headpace: ☒ Y ☒ N  
☒ X ☒ N Prem. Correct/Check: ☒ Y ☒ N  
☒ X ☒ N Condition: ☒ NCF ☒ OK

Condition: — NCF  
Catalysts: 2 — ON

**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:**

|                                |              |           |
|--------------------------------|--------------|-----------|
| <b>GeoTracker -</b> Global ID: | Field Point: | Log Code: |
|--------------------------------|--------------|-----------|

**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 |
|-------------------|----------------|----------------|----------------------------------------------------------------------------------------------------|

**CA Drinking Water PSCode:**

|                                |              |           |
|--------------------------------|--------------|-----------|
| <b>GeoTracker -</b> 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](mailto: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.

## Table of Contents

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| Sample Receipt.....     | 12 |



## 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 |                 |          |
|------------------------------------------------------------------------------------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------|-----------------|----------|
| <b>Client Data</b><br>Name: Enthalpy Analytical<br>Project: EO-542490<br>Matrix: Aqueous |              | <b>Laboratory Data</b><br>Lab Sample: B25I340-BLK1<br>QC Batch: B25I340      Date Extracted: 30-Sep-25<br>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       |                     |            | Laboratory Data |            |                 |                 |
|-------------------|---------------------|------------|-----------------|------------|-----------------|-----------------|
| Name:             | Enthalpy Analytical |            | Lab Sample:     | 2509204-01 | Date Received:  | 19-Sep-25 09:48 |
| Project:          | EO-542490           |            | QC Batch:       | B25I340    | Date Extracted: | 30-Sep-25       |
| Matrix:           | Water               |            | Sample Size:    | 0.944 L    | Column:         | ZB-DIOXIN       |
| Date Collected:   | 18-Sep-25 08:15     |            |                 |            |                 |                 |
| 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](http://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

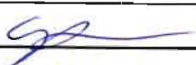
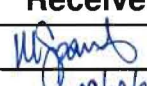
EDDs: BLDR:Enthalpy (the normal EDD you send to Orange)

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<br>08:15 | 542490-001 | 1       | Water  | EPA 8290 - 2,3,7,8-TCDD<br>Only |         |
| SOUTH BASIN - EASTERN INLET | 18-SEP-2025<br>08:45 | 542490-002 | 1       | Water  | EPA 8290 - 2,3,7,8-TCDD<br>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