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February 29, 2024

Mr. Michael Smith  
Director of Operations  
Ritenour School District  
2420 Woodson Road  
St. Louis, MO 63114

Via: [smithm@ritenourschools.org](mailto:smithm@ritenourschools.org)

Re: Lead In Drinking Water Sampling  
Hoech Middle School  
December 28, 2023

Dear Michael,

This letter will serve as our report concerning the water sampling conducted at Hoech Middle School on December 28, 2023, for compliance with the State of Missouri Title XI, Chapter 160.077, "Get The Lead Out of School Drinking Water Act".

Potable water sources for drinking or food preparation such as sinks, faucets, water fountains, ice makers, etc., were identified and first drawn water samples were collected after a stagnation period of at least eight hours. Two hundred and fifty milliliter non-preserved plastic containers were utilized for the sample collection. The water samples were analyzed by EPA 200.8 methods at a laboratory accredited for analysis of drinking water by the National Environmental Laboratory Accreditation Program (NELAP) and the Illinois EPA (ILEPA). Results are reported in micrograms per liter ( $\mu\text{g/L}$ ), which is the same as parts per billion (ppb). Water sample results must be less than ( $<$ )  $5.0 \mu\text{g/L}$  or ppb, per the regulation. Results above  $5.0 \mu\text{g/L}$  require corrective actions.

One hundred samples were collected with results ranging from less than the laboratory limit of detection of  $1.0 (<1.0) \mu\text{g/L}$  to  $75 \mu\text{g/L}$ . Fourteen sample results were above the mandated threshold of  $<5.0 \mu\text{g/L}$ . Corrective actions are warranted for the fourteen locations. If these sources will be taken out of service, the source and the supply pipe should be removed or disconnected as close as possible to the remaining active pipes to minimize any dead-end lines that could allow for bacteria or Legionella growth. Sample locations and laboratory results are contained in the attached table.

Sincerely,

Gregory K. Young  
Senior Project Manager

**TABLE 1**  
**Lead Sampling Results**  
**Hoech Middle School (December 28, 2023)**

| Sample ID | Location                                                               | Results (µg/L) |
|-----------|------------------------------------------------------------------------|----------------|
| HCH-1     | 2 <sup>nd</sup> Floor, South Hallway, Left Water Fountain              | 3.09           |
| HCH-2     | 2 <sup>nd</sup> Floor, South Hallway, Right Water Fountain             | 3.16           |
| HCH-3     | 2 <sup>nd</sup> Floor, East Hallway, Water Fountain                    | < 1.00         |
| HCH-4     | 2 <sup>nd</sup> Floor, East Hallway, Girl's Restroom, Left Sink        | < 1.00         |
| HCH-5     | 2 <sup>nd</sup> Floor, East Hallway, Left Middle Sink                  | <b>5.79</b>    |
| HCH-6     | 2 <sup>nd</sup> Floor, East Hallway, Right Middle Sink                 | 1.06           |
| HCH-7     | 2 <sup>nd</sup> Floor, East Hallway, Boy's Restroom, Left Sink         | 1.08           |
| HCH-8     | 2 <sup>nd</sup> Floor, East Hallway, Boy's Restroom, Left Middle Sink  | < 1.00         |
| HCH-9     | 2 <sup>nd</sup> Floor, East Hallway, Boy's Restroom, Right Middle Sink | 1.58           |
| HCH-10    | 2 <sup>nd</sup> Floor, East Hallway, Boy's Restroom, Right Sink        | 1.08           |
| HCH-11    | 2 <sup>nd</sup> Floor, East Hallway, Classroom 223, Desk Island, Sink  | <b>19.5</b>    |
| HCH-12    | 2 <sup>nd</sup> Floor, East Hallway, Water Fountain next to Room 224   | < 1.00         |
| HCH-13    | 2 <sup>nd</sup> Floor, West Hallway, Boy's Restroom, Left Sink         | 4.02           |
| HCH-14    | 2 <sup>nd</sup> Floor, West Hallway, Boy's Restroom, Right Sink        | <b>5.36</b>    |
| HCH-15    | 2 <sup>nd</sup> Floor, West Hallway, North Water Fountain              | < 1.00         |
| HCH-16    | 2 <sup>nd</sup> Floor, West Hallway, Girl's Restroom, Left Sink        | < 1.00         |
| HCH-17    | 2 <sup>nd</sup> Floor, West Hallway, Girl's Restroom, Right Sink       | 1.42           |
| HCH-18    | 2 <sup>nd</sup> Floor, West Hallway, South Water Fountain              | < 1.00         |
| HCH-19    | 1 <sup>st</sup> Floor, West Hallway, Boy's Restroom, Left Sink         | 1.24           |
| HCH-20    | 1 <sup>st</sup> Floor, West Hallway, Boy's Restroom, Middle Sink       | < 1.00         |
| HCH-21    | 1 <sup>st</sup> Floor, West Hallway, Boy's Restroom, Right Sink        | < 1.00         |
| HCH-22    | 1 <sup>st</sup> Floor, West Hallway, Water Fountain                    | < 1.00         |
| HCH-23    | 1 <sup>st</sup> Floor, Office Copier Room, Sink                        | < 1.00         |

**Note:**

µg/L – micrograms per liter

**TABLE 1 (Continued)  
Lead Sampling Results  
Hoech Middle School (December 28, 2023)**

| Sample ID | Location                                                                | Results (µg/L) |
|-----------|-------------------------------------------------------------------------|----------------|
| HCH-24    | 1 <sup>st</sup> Floor, Girl's Restroom Near Front Entrance, Left Sink   | 2.30           |
| HCH-25    | 1 <sup>st</sup> Floor, Girl's Restroom Near Front Entrance, Middle Sink | < 1.00         |
| HCH-26    | 1 <sup>st</sup> Floor, Girl's Restroom Near Front Entrance, Right Sink  | 1.79           |
| HCH-27    | 1 <sup>st</sup> Floor, Water Fountain Near Front Entrance               | < 1.00         |
| HCH-28    | 1 <sup>st</sup> Floor, Classroom 107, Left Sink                         | 4.77           |
| HCH-29    | 1 <sup>st</sup> Floor, Classroom 107, Left Middle Sink                  | 2.54           |
| HCH-30    | 1 <sup>st</sup> Floor, Classroom 107, Right Middle Sink                 | 3.43           |
| HCH-31    | 1 <sup>st</sup> Floor, Classroom 107, Right Sink                        | 2.21           |
| HCH-32    | 1 <sup>st</sup> Floor, Staff Lounge 104, Sink                           | < 1.00         |
| HCH-33    | 1 <sup>st</sup> Floor, South Hallway, Left Water Fountain               | <b>7.46</b>    |
| HCH-34    | 1 <sup>st</sup> Floor, East Hallway, Water Fountain                     | < 1.00         |
| HCH-35    | 1 <sup>st</sup> Floor, East Hallway, Girl's Restroom, Left Sink         | < 1.00         |
| HCH-36    | 1 <sup>st</sup> Floor, East Hallway, Girl's Restroom, Left Middle Sink  | < 1.00         |
| HCH-37    | 1 <sup>st</sup> Floor, East Hallway, Girl's Restroom, Right Middle Sink | 1.36           |
| HCH-38    | 1 <sup>st</sup> Floor, East Hallway, Girl's Restroom, Right Sink        | 1.30           |
| HCH-39    | 1 <sup>st</sup> Floor, East Hallway, Boy's Restroom, Left Sink          | 1.03           |
| HCH-40    | 1 <sup>st</sup> Floor, East Hallway, Boy's Restroom, Left Middle Sink   | < 1.00         |
| HCH-41    | 1 <sup>st</sup> Floor, East Hallway, Boy's Restroom, Right Middle Sink  | < 1.00         |
| HCH-42    | 1 <sup>st</sup> Floor, Room 123A, Restroom Sink                         | <b>52.5</b>    |
| HCH-43    | 1 <sup>st</sup> Floor East Hallway, Water Fountain                      | < 1.00         |
| HCH-44    | Ground Floor, Classroom 19, Left Sink                                   | < 1.00         |
| HCH-45    | Ground Floor, Classroom 19, Right Sink                                  | < 1.00         |
| HCH-46    | Ground Floor, East Hallway, Water Fountain                              | < 1.00         |

**Note:**  
µg/L – micrograms per liter

**TABLE 1 (Continued)  
Lead Sampling Results  
Hoech Middle School (December 28, 2023)**

| Sample ID | Location                                                            | Results (µg/L) |
|-----------|---------------------------------------------------------------------|----------------|
| HCH-47    | Ground Floor, East Hallway, Staff Restroom, Sink                    | <b>47.6</b>    |
| HCH-48    | Ground Floor, Room 22A Weight Room, South Sink                      | <b>8.08</b>    |
| HCH-49    | Ground Floor, Room 22A Weight Room, North Sink                      | <b>75.0</b>    |
| HCH-50    | Ground Floor, Locker Room Restroom, Sink                            | <b>7.29</b>    |
| HCH-51    | Kitchen Restroom, Sink                                              | 1.12           |
| HCH-52    | Kitchen, Ice Maker                                                  | < 1.00         |
| HCH-53    | Kitchen, East Handwashing Sink                                      | < 1.00         |
| HCH-54    | Kitchen, Prep Area Sink                                             | < 1.00         |
| HCH-55    | Kitchen, North Dishwashing Area, Left Sink                          | < 1.00         |
| HCH-56    | Kitchen, North Dishwashing Area, Middle Sink                        | < 1.00         |
| HCH-57    | Kitchen, North Dishwashing Area, Right Sink                         | 3.09           |
| HCH-58    | Kitchen, North Middle Handwashing Sink                              | < 1.00         |
| HCH-59    | Kitchen, Middle South Dishwashing Area, Left Sink                   | 3.08           |
| HCH-60    | Kitchen, Middle South Dishwashing Area, Right Sink                  | 1.59           |
| HCH-61    | Kitchen, Middle South Dishwashing Area, Spray Nozzle                | < 1.00         |
| HCH-62    | Kitchen, West Side Handwashing Sink                                 | < 1.00         |
| HCH-63    | Kitchen, Pot Filling Wand, Left                                     | <b>6.15</b>    |
| HCH-64    | Kitchen, Pot Filling Wand, Right                                    | <b>9.34</b>    |
| HCH-65    | Kitchen, West Side Prep Area, Sink                                  | <b>9.49</b>    |
| HCH-66    | Cafeteria, East Wall, Left Water Fountain                           | < 1.00         |
| HCH-67    | Cafeteria, East Wall, Right Water Fountain                          | < 1.00         |
| HCH-68    | North Bldg., North Hallway, Water Fountain Near Rm. 202N            | < 1.00         |
| HCH-69    | North Bldg., North Hallway, Boy's Restroom Near Rm. 202N, Left Sink | 2.22           |

**Note:**  
µg/L – micrograms per liter

**TABLE 1 (Continued)  
Lead Sampling Results  
Hoech Middle School (December 28, 2023)**

| Sample ID | Location                                                               | Results (µg/L) |
|-----------|------------------------------------------------------------------------|----------------|
| HCH-70    | North Bldg., North Hallway, Boy's Restroom Near Rm. 202N, Middle Sink  | 1.30           |
| HCH-71    | North Bldg., North Hallway, Boy's Restroom Near Rm. 202N, Right Sink   | 1.37           |
| HCH-72    | North Bldg., North Hallway, Girl's Restroom Near Rm. 204N, Left Sink   | 1.22           |
| HCH-73    | North Bldg., North Hallway, Girl's Restroom Near Rm. 204N, Middle Sink | 2.06           |
| HCH-74    | North Bldg., North Hallway, Girl's Restroom Near Rm. 204N, Right Sink  | 2.31           |
| HCH-75    | North Bldg., North Hallway, Water Fountain Near Room 100N              | < 1.00         |
| HCH-76    | North Bldg., North Hallway, Boy's Restroom Near Rm. 102N, Left Sink    | 2.61           |
| HCH-77    | North Bldg., North Hallway, Boy's Restroom Near Rm. 102N, Middle Sink  | 3.00           |
| HCH-78    | North Bldg., North Hallway, Boy's Restroom Near Rm. 102N, Right Sink   | 2.72           |
| HCH-79    | North Bldg., North Hallway, Girl's Restroom Near Rm. 102N, Left Sink   | 1.28           |
| HCH-80    | North Bldg., North Hallway, Girl's Restroom Near Rm. 102N, Middle Sink | < 1.00         |
| HCH-81    | North Bldg., North Hallway, Girl's Restroom Near Rm. 102N, Right Sink  | 1.94           |
| HCH-82    | North Bldg., North Hallway, Right Water Fountain Near Room 108N        | 1.40           |
| HCH-83    | North Bldg., Room 109N, Sink                                           | <b>18.9</b>    |
| HCH-84    | North Bldg., Girl's Locker Room 117N, Restroom, Left Sink              | 2.52           |
| HCH-85    | North Bldg., Girl's Locker Room 117N, Restroom, Middle Sink            | 2.17           |
| HCH-86    | North Bldg., Girl's Locker Room 117N, Restroom, Right Sink             | 4.60           |
| HCH-87    | North Bldg., Girl's Locker Room 117N, Left Water Fountain              | 1.02           |
| HCH-88    | North Bldg., Girl's Locker Room 117N, Right Water Fountain             | 1.37           |
| HCH-89    | North Bldg., Girl's Locker Room 115N, Restroom, Left Sink              | 4.70           |
| HCH-90    | North Bldg., Girl's Locker Room 115N, Restroom, Middle Sink            | 3.40           |
| HCH-91    | North Bldg., Girl's Locker Room 115N, Restroom, Right Sink             | <b>6.06</b>    |
| HCH-92    | North Bldg., Girl's Locker Room 115N, Left Water Fountain              | 2.95           |

**Note:**

µg/L – micrograms per liter

**TABLE 1 (Continued)  
Lead Sampling Results  
Hoech Middle School (December 28, 2023)**

| Sample ID | Location                                                                | Results (µg/L) |
|-----------|-------------------------------------------------------------------------|----------------|
| HCH-93    | North Bldg., Girl's Locker Room 115N, Right Water Fountain              | 3.97           |
| HCH-94    | North Bldg., North Hallway, Water Fountain Near Room 301N               | < 1.00         |
| HCH-95    | North Bldg., North Hallway, Boy's Restroom Near Room 302N, Left Sink    | 1.12           |
| HCH-96    | North Bldg., North Hallway, Boy's Restroom Near Room 302N, Middle Sink  | 2.76           |
| HCH-97    | North Bldg., North Hallway, Boy's Restroom Near Room 302N, Right Sink   | 1.27           |
| HCH-98    | North Bldg., North Hallway, Girl's Restroom Near Room 304N, Left Sink   | 2.16           |
| HCH-99    | North Bldg., North Hallway, Girl's Restroom Near Room 304N, Middle Sink | 1.65           |
| HCH-100   | North Bldg., North Hallway, Girl's Restroom Near Room 304N, Right Sink  | 2.20           |

**Note:**

µg/L – micrograms per liter

**Sources not sampled:**

Hoech Middle School, Classroom 221, Sink (inoperable)  
Hoech Middle School, 2<sup>nd</sup> Floor, East Hallway, Girl's Restroom, Right Sink (inoperable)  
Hoech Middle School, Classroom 223, Island Sinks (inoperable)  
Hoech Middle School, Classroom 224, Sinks (inoperable)  
Hoech Middle School, Classroom 225, Sinks (inoperable)  
Hoech Middle School, Staff Lounge 104, Ice Maker (inoperable)  
Hoech Middle School, 1<sup>st</sup> Floor, South Hallway, Right Water Fountain (inoperable)  
Hoech Middle School, 1<sup>st</sup> Floor, East Hallway, Boy's Restroom, Right Sink (inoperable)  
Hoech Middle School, Classroom 123, Sink (inoperable)  
Hoech Middle School, Ground Floor, Locker Room, Water Fountain (inoperable)  
Hoech Middle School, Cafeteria, West Wall Water Fountains (2) (inoperable)  
Hoech Middle School, North Building, Hall Near Gym, Water Fountains (inoperable)  
Hoech Middle School, North Building, North Hallway, Water Fountain Near Room 108N, Left Side (inoperable)  
Hoech Middle School, North Building, Room 109N, Water Fountain (inoperable)



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

January 16, 2024

Greg Young  
Jurgiel & Associates, Inc.  
123 North Main Street  
St. Charles, MO 63301

RE: Ritenour Drinking Water - Hoech

Dear Greg Young:

Please find enclosed the analytical results for the **88** sample(s) the laboratory received on **12/29/23 2:30 pm** and logged in under work order **GL04746**. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of Pace Analytical Services, LLC.

If you have any questions regarding your report, please contact your project manager. Quality and timely data is of the utmost importance to us.

Pace Analytical Services appreciates the opportunity to provide you with analytical expertise . We are always trying to improve our customer service and we welcome you to contact the General Manager, Lisa Grant, with any feedback you have about your experience with our laboratory at 309-683-1764 or [lisa.grant@pacelabs.com](mailto:lisa.grant@pacelabs.com).

A handwritten signature in black ink, appearing to read 'Chenise Lambert-Sykes'.

Chenise Lambert-Sykes  
Project Manager  
(314)432-0550  
[Chenise.Lambert-Sykes@pacelabs.com](mailto:Chenise.Lambert-Sykes@pacelabs.com)

**SAMPLE RECEIPT CHECK LIST**

Items not applicable will be marked as in compliance

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Work Order GL04746

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|     |                                                                |
|-----|----------------------------------------------------------------|
| YES | Samples received within temperature compliance when applicable |
| YES | COC present upon sample receipt                                |
| YES | COC completed & legible                                        |
| YES | Sampler name & signature present                               |
| YES | Unique sample IDs assigned                                     |
| YES | Sample collection location recorded                            |
| YES | Date & time collected recorded on COC                          |
| YES | Relinquished by client signature on COC                        |
| YES | COC & labels match                                             |
| YES | Sample labels are legible                                      |
| YES | Appropriate bottle(s) received                                 |
| YES | Sufficient sample volume received                              |
| YES | Sample containers received undamaged                           |
| NO  | Zero headspace, <6 mm present in VOA vials                     |
| NO  | Trip blank(s) received                                         |
| YES | All non-field analyses received within holding times           |
| NO  | Short hold time analysis                                       |
| YES | Current PDC COC submitted                                      |
| NO  | Case narrative provided                                        |



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

**Case Narrative**

Samples HCH-61-69 were logged out of sequence and are the last set of samples to report.

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## ANALYTICAL RESULTS

**Sample:** GL04746-01  
**Name:** HCH - 1  
**Matrix:** Drinking Water - Grab

**Sampled:** 12/28/23 08:00  
**Received:** 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

**Total Metals - PIA**

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 3.09 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 08:19 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

**Sample:** GL04746-02  
**Name:** HCH - 2  
**Matrix:** Drinking Water - Grab

**Sampled:** 12/28/23 08:00  
**Received:** 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

**Total Metals - PIA**

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 3.16 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 08:21 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

**Sample:** GL04746-03  
**Name:** HCH - 3  
**Matrix:** Drinking Water - Grab

**Sampled:** 12/28/23 08:00  
**Received:** 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

**Total Metals - PIA**

|      |        |      |  |                |   |      |                |     |                   |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | < 1.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 08:22 | BRS | EPA 200.8 REV 5.4 |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|

**Sample:** GL04746-04  
**Name:** HCH - 4  
**Matrix:** Drinking Water - Grab

**Sampled:** 12/28/23 08:00  
**Received:** 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

**Total Metals - PIA**

|      |        |      |  |                |   |      |                |     |                   |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | < 1.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 08:24 | BRS | EPA 200.8 REV 5.4 |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|



## ANALYTICAL RESULTS

Sample: GL04746-05  
Name: HCH - 5  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 5.79 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 08:25 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-06  
Name: HCH - 6  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 1.06 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 08:27 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-07  
Name: HCH - 7  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 1.08 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 08:28 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-08  
Name: HCH - 8  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |        |      |  |                |   |      |                |     |                   |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | < 1.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 08:30 | BRS | EPA 200.8 REV 5.4 |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|



## ANALYTICAL RESULTS

Sample: GL04746-09  
Name: HCH - 9  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 1.58 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 08:36 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-10  
Name: HCH - 10  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 1.08 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 08:37 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-11  
Name: HCH - 11  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 19.5 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 08:42 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-12  
Name: HCH - 12  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |        |      |  |                |   |      |                |     |                   |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | < 1.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 08:43 | BRS | EPA 200.8 REV 5.4 |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|



## ANALYTICAL RESULTS

Sample: GL04746-13  
Name: HCH - 13  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 4.02 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 08:45 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-14  
Name: HCH - 14  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 5.36 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 08:46 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-15  
Name: HCH - 15  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |        |      |  |                |   |      |                |     |                   |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | < 1.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 08:48 | BRS | EPA 200.8 REV 5.4 |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-16  
Name: HCH - 16  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |        |      |  |                |   |      |                |     |                   |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | < 1.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 08:50 | BRS | EPA 200.8 REV 5.4 |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|



## ANALYTICAL RESULTS

Sample: GL04746-17  
Name: HCH - 17  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 1.42 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 08:54 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-18  
Name: HCH - 18  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |        |      |  |                |   |      |                |     |                   |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | < 1.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 08:56 | BRS | EPA 200.8 REV 5.4 |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-19  
Name: HCH - 19  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 1.24 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 08:57 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-20  
Name: HCH - 20  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |        |      |  |                |   |      |                |     |                   |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | < 1.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 08:59 | BRS | EPA 200.8 REV 5.4 |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|



## ANALYTICAL RESULTS

Sample: GL04746-21  
Name: HCH - 21  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |        |      |  |                |   |      |                |     |                   |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | < 1.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 09:03 | BRS | EPA 200.8 REV 5.4 |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-22  
Name: HCH - 22  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |        |      |  |                |   |      |                |     |                   |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | < 1.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 09:05 | BRS | EPA 200.8 REV 5.4 |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-23  
Name: HCH - 23  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |        |      |  |                |   |      |                |     |                   |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | < 1.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 09:07 | BRS | EPA 200.8 REV 5.4 |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-24  
Name: HCH - 24  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 2.30 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 09:08 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|



## ANALYTICAL RESULTS

Sample: GL04746-25  
Name: HCH - 25  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |        |      |  |                |   |      |                |     |                   |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | < 1.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 09:13 | BRS | EPA 200.8 REV 5.4 |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-26  
Name: HCH - 26  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 1.79 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 09:14 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-27  
Name: HCH - 27  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |        |      |  |                |   |      |                |     |                   |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | < 1.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 09:16 | BRS | EPA 200.8 REV 5.4 |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-28  
Name: HCH - 28  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 4.77 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 09:17 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|



## ANALYTICAL RESULTS

Sample: GL04746-29  
Name: HCH - 29  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 2.54 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 09:19 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-30  
Name: HCH - 30  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 3.43 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 09:21 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-31  
Name: HCH - 31  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 2.21 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 09:25 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-32  
Name: HCH - 32  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |        |      |  |                |   |      |                |     |                   |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | < 1.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 09:27 | BRS | EPA 200.8 REV 5.4 |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|



## ANALYTICAL RESULTS

Sample: GL04746-33  
Name: HCH - 33  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 7.46 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 09:31 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-34  
Name: HCH - 34  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |        |      |  |                |   |      |                |     |                   |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | < 1.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 09:33 | BRS | EPA 200.8 REV 5.4 |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-35  
Name: HCH - 35  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |        |      |  |                |   |      |                |     |                   |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | < 1.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 09:34 | BRS | EPA 200.8 REV 5.4 |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-36  
Name: HCH - 36  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |        |      |  |                |   |      |                |     |                   |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | < 1.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 09:36 | BRS | EPA 200.8 REV 5.4 |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|



## ANALYTICAL RESULTS

Sample: GL04746-37  
Name: HCH - 37  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 1.36 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 09:38 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-38  
Name: HCH - 38  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 1.30 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 09:39 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-39  
Name: HCH - 39  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 1.03 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 09:41 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-40  
Name: HCH - 40  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |        |      |  |                |   |      |                |     |                   |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | < 1.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 09:42 | BRS | EPA 200.8 REV 5.4 |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|



## ANALYTICAL RESULTS

Sample: GL04746-41  
Name: HCH - 41  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |        |      |  |                |   |      |                |     |                   |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | < 1.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 09:50 | BRS | EPA 200.8 REV 5.4 |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-42  
Name: HCH - 42  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 52.5 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 09:51 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-43  
Name: HCH - 43  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |        |      |  |                |   |      |                |     |                   |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | < 1.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 09:53 | BRS | EPA 200.8 REV 5.4 |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-44  
Name: HCH - 44  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |        |      |  |                |   |      |                |     |                   |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | < 1.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 09:55 | BRS | EPA 200.8 REV 5.4 |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|



## ANALYTICAL RESULTS

Sample: GL04746-45  
Name: HCH - 45  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |        |      |  |                |   |      |                |     |                   |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | < 1.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 09:56 | BRS | EPA 200.8 REV 5.4 |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-46  
Name: HCH - 46  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |        |      |  |                |   |      |                |     |                   |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | < 1.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 09:58 | BRS | EPA 200.8 REV 5.4 |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-47  
Name: HCH - 47  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 47.6 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 09:59 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-48  
Name: HCH - 48  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 8.08 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 10:01 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|



## ANALYTICAL RESULTS

Sample: GL04746-49  
Name: HCH - 49  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 75.0 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 10:02 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-50  
Name: HCH - 50  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 7.29 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 10:04 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-51  
Name: HCH - 51  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 1.12 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 10:12 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-52  
Name: HCH - 52  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |        |      |  |                |   |      |                |     |                   |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | < 1.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 10:13 | BRS | EPA 200.8 REV 5.4 |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|



## ANALYTICAL RESULTS

Sample: GL04746-53  
Name: HCH - 53  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |        |      |  |                |   |      |                |     |                   |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | < 1.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 10:15 | BRS | EPA 200.8 REV 5.4 |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-54  
Name: HCH - 54  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |        |      |  |                |   |      |                |     |                   |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | < 1.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 10:16 | BRS | EPA 200.8 REV 5.4 |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-55  
Name: HCH - 55  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |        |      |  |                |   |      |                |     |                   |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | < 1.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 10:18 | BRS | EPA 200.8 REV 5.4 |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-56  
Name: HCH - 56  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |        |      |  |                |   |      |                |     |                   |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | < 1.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 10:19 | BRS | EPA 200.8 REV 5.4 |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|



## ANALYTICAL RESULTS

Sample: GL04746-57  
Name: HCH - 57  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 3.09 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 10:21 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-58  
Name: HCH - 58  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |        |      |  |                |   |      |                |     |                   |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | < 1.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 10:23 | BRS | EPA 200.8 REV 5.4 |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-59  
Name: HCH - 59  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 3.08 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 10:27 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-60  
Name: HCH - 60  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 1.59 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 10:29 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|



## ANALYTICAL RESULTS

Sample: GL04746-61  
Name: HCH - 70  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 1.30 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 10:34 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-62  
Name: HCH - 71  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 1.37 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 10:35 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-63  
Name: HCH - 72  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 1.22 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 10:37 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-64  
Name: HCH - 73  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 2.06 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 10:38 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|



## ANALYTICAL RESULTS

Sample: GL04746-65  
Name: HCH - 74  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 2.31 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 10:40 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-66  
Name: HCH - 75  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |        |      |  |                |   |      |                |     |                   |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | < 1.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 10:41 | BRS | EPA 200.8 REV 5.4 |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-67  
Name: HCH - 76  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 2.61 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 10:46 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-68  
Name: HCH - 77  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 3.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 10:48 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|



## ANALYTICAL RESULTS

Sample: GL04746-69  
Name: HCH - 78  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 2.72 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 10:49 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-70  
Name: HCH - 79  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 1.28 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 10:51 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-71  
Name: HCH - 80  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |        |      |  |                |   |      |                |     |                   |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | < 1.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 10:55 | BRS | EPA 200.8 REV 5.4 |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-72  
Name: HCH - 81  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 1.94 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 10:57 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|



## ANALYTICAL RESULTS

Sample: GL04746-73  
Name: HCH - 82  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 1.40 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 10:59 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-74  
Name: HCH - 83  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 18.9 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 11:00 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-75  
Name: HCH - 84  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 2.52 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 11:05 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-76  
Name: HCH - 85  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 2.17 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 11:06 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|



## ANALYTICAL RESULTS

Sample: GL04746-77  
Name: HCH - 86  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 4.60 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 11:08 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-78  
Name: HCH - 87  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 1.02 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 11:09 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-79  
Name: HCH - 88  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 1.37 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 11:11 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-80  
Name: HCH - 61  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |        |      |  |                |   |      |                |     |                   |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | < 1.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 11:13 | BRS | EPA 200.8 REV 5.4 |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|



## ANALYTICAL RESULTS

Sample: GL04746-81  
Name: HCH - 62  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |        |      |  |                |   |      |                |     |                   |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | < 1.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 11:17 | BRS | EPA 200.8 REV 5.4 |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-82  
Name: HCH - 63  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 6.15 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 11:19 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-83  
Name: HCH - 64  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 9.34 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 11:23 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04746-84  
Name: HCH - 65  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 9.49 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 11:25 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|



## ANALYTICAL RESULTS

Sample: GL04746-85

Name: HCH - 66

Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter                 | Result | Unit | Qualifier | Prepared       | Dilution | MRL  | Analyzed       | Analyst | Method            |
|---------------------------|--------|------|-----------|----------------|----------|------|----------------|---------|-------------------|
| <b>Total Metals - PIA</b> |        |      |           |                |          |      |                |         |                   |
| Lead                      | < 1.00 | ug/L |           | 01/11/24 07:35 | 1        | 1.00 | 01/11/24 11:27 | BRS     | EPA 200.8 REV 5.4 |

Sample: GL04746-86

Name: HCH - 67

Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter                 | Result | Unit | Qualifier | Prepared       | Dilution | MRL  | Analyzed       | Analyst | Method            |
|---------------------------|--------|------|-----------|----------------|----------|------|----------------|---------|-------------------|
| <b>Total Metals - PIA</b> |        |      |           |                |          |      |                |         |                   |
| Lead                      | < 1.00 | ug/L |           | 01/11/24 07:35 | 1        | 1.00 | 01/11/24 11:28 | BRS     | EPA 200.8 REV 5.4 |

Sample: GL04746-87

Name: HCH - 68

Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter                 | Result | Unit | Qualifier | Prepared       | Dilution | MRL  | Analyzed       | Analyst | Method            |
|---------------------------|--------|------|-----------|----------------|----------|------|----------------|---------|-------------------|
| <b>Total Metals - PIA</b> |        |      |           |                |          |      |                |         |                   |
| Lead                      | < 1.00 | ug/L |           | 01/11/24 07:35 | 1        | 1.00 | 01/11/24 11:30 | BRS     | EPA 200.8 REV 5.4 |

Sample: GL04746-88

Name: HCH - 69

Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/29/23 14:30

| Parameter                 | Result | Unit | Qualifier | Prepared       | Dilution | MRL  | Analyzed       | Analyst | Method            |
|---------------------------|--------|------|-----------|----------------|----------|------|----------------|---------|-------------------|
| <b>Total Metals - PIA</b> |        |      |           |                |          |      |                |         |                   |
| Lead                      | 2.22   | ug/L |           | 01/11/24 07:35 | 1        | 1.00 | 01/11/24 11:31 | BRS     | EPA 200.8 REV 5.4 |



## NOTES

Specifications regarding method revisions, method modifications, and calculations used for analysis are available upon request. Please contact your project manager.

\* Not a TNI accredited analyte

### Certifications

CHI - McHenry, IL - 4314-A W. Crystal Lake Road, McHenry, IL 60050

TNI Accreditation for Drinking Water and Wastewater Fields of Testing through IL EPA Accreditation No. 100279

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17556

PIA - Peoria, IL - 2231 W. Altorfer Drive, Peoria, IL 61615

TNI Accreditation for Drinking Water, Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. 100230

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17553

Drinking Water Certifications/Accreditations: Iowa (240); Kansas (E-10338); Missouri (870)

Wastewater Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

Solid and Hazardous Material Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

SPMO - Springfield, MO - 1805 W Sunset Street, Springfield, MO 65807

USEPA DMR-QA Program

STL - Hazelwood, MO - 944 Anglum Rd, Hazelwood, MO 63042

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through KS KDHE Certification No. E-10389

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. - 200080

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory, Registry No. 171050

Missouri Department of Natural Resources - Certificate of Approval for Microbiological Laboratory Service - No. 1050



Certified by: Chenise Lambert-Sykes, Project Manager



|                              |                       |
|------------------------------|-----------------------|
| REGULATORY PROGRAM (CIRCLE): | NPDES                 |
| MORBCA                       | RCRA                  |
| CCDD                         | TACO: RES OR IND/COMM |

ALL HIGHLIGHTED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

|                                                                                                                 |  |                                                |                          |                                             |                         |                                                                                                                                                                                                                                                                                                                                                     |                                        |                                    |          |                             |  |
|-----------------------------------------------------------------------------------------------------------------|--|------------------------------------------------|--------------------------|---------------------------------------------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------------|----------|-----------------------------|--|
| <b>1</b> CLIENT<br><u>JOHNA, JURGIEL &amp; ASSOCIATES, INC.</u>                                                 |  | PROJECT NUMBER<br><u>RITENOUR</u>              |                          | PROJECT LOCATION<br><u>Hoech</u>            |                         | PURCHASE ORDER #                                                                                                                                                                                                                                                                                                                                    |                                        | <b>3</b> ANALYSIS REQUESTED        |          | <b>4</b> (FOR LAB USE ONLY) |  |
| ADDRESS<br><u>123 N. MAIN ST.</u>                                                                               |  | PHONE NUMBER<br><u>636-757-3060</u>            |                          | E-MAIL<br><u>gyoung@jurgiel.com</u>         |                         | DATE SHIPPED                                                                                                                                                                                                                                                                                                                                        |                                        |                                    |          | LOGIN # <u>6041746</u>      |  |
| CITY<br>STATE<br>ZIP<br><u>ST. CHARLES, MD 63301</u>                                                            |  | SAMPLER<br>(PLEASE PRINT)<br><u>GREG YOUNG</u> |                          | SAMPLER'S<br>SIGNATURE<br><u>Greg Young</u> |                         | MATRIX TYPES:<br>WW- WASTEWATER<br>DW- DRINKING WATER<br>GW- GROUND WATER<br>WWSL- SLUDGE<br>NAS- NON AQUEOUS SOLID<br>LCHL- LEACHATE<br>OIL- OIL<br>SO- SOIL<br>SOL- SOLID                                                                                                                                                                         |                                        |                                    |          | LOGGED BY: <u>SAB</u>       |  |
| CONTACT PERSON<br><u>GREG YOUNG</u>                                                                             |  |                                                |                          |                                             |                         |                                                                                                                                                                                                                                                                                                                                                     |                                        |                                    |          | CLIENT:                     |  |
|                                                                                                                 |  |                                                |                          |                                             |                         |                                                                                                                                                                                                                                                                                                                                                     |                                        |                                    |          | PROJECT:                    |  |
|                                                                                                                 |  |                                                |                          |                                             |                         |                                                                                                                                                                                                                                                                                                                                                     |                                        |                                    |          | PROJ. MGR.:                 |  |
|                                                                                                                 |  |                                                |                          |                                             |                         |                                                                                                                                                                                                                                                                                                                                                     |                                        |                                    |          | CUSTODY SEAL #:             |  |
| <b>2</b> SAMPLE DESCRIPTION<br>(UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)                  |  | DATE<br>COLLECTED                              | TIME<br>COLLECTED        | SAMPLE TYPE<br>GRAB                         | COMP                    | MATRIX<br>TYPE                                                                                                                                                                                                                                                                                                                                      | BOTTLE<br>COUNT                        | PRES<br>CODE<br>CLIENT<br>PROVIDED | REMARKS  |                             |  |
| <u>HCH-1</u>                                                                                                    |  | <u>12/28/23</u>                                | <u>8:00-10:00A</u>       | <u>X</u>                                    |                         | <u>DW</u>                                                                                                                                                                                                                                                                                                                                           | <u>1</u>                               |                                    | <u>X</u> |                             |  |
| <u>2</u>                                                                                                        |  |                                                |                          |                                             |                         |                                                                                                                                                                                                                                                                                                                                                     |                                        |                                    |          |                             |  |
| <u>3</u>                                                                                                        |  |                                                |                          |                                             |                         |                                                                                                                                                                                                                                                                                                                                                     |                                        |                                    |          |                             |  |
| <u>4</u>                                                                                                        |  |                                                |                          |                                             |                         |                                                                                                                                                                                                                                                                                                                                                     |                                        |                                    |          |                             |  |
| <u>5</u>                                                                                                        |  |                                                |                          |                                             |                         |                                                                                                                                                                                                                                                                                                                                                     |                                        |                                    |          |                             |  |
| <u>6</u>                                                                                                        |  |                                                |                          |                                             |                         |                                                                                                                                                                                                                                                                                                                                                     |                                        |                                    |          |                             |  |
| <u>7</u>                                                                                                        |  |                                                |                          |                                             |                         |                                                                                                                                                                                                                                                                                                                                                     |                                        |                                    |          |                             |  |
| <u>8</u>                                                                                                        |  |                                                |                          |                                             |                         |                                                                                                                                                                                                                                                                                                                                                     |                                        |                                    |          |                             |  |
| <u>9</u>                                                                                                        |  |                                                |                          |                                             |                         |                                                                                                                                                                                                                                                                                                                                                     |                                        |                                    |          |                             |  |
| <u>10</u>                                                                                                       |  |                                                |                          |                                             |                         |                                                                                                                                                                                                                                                                                                                                                     |                                        |                                    |          |                             |  |
| <u>11</u>                                                                                                       |  |                                                |                          |                                             |                         |                                                                                                                                                                                                                                                                                                                                                     |                                        |                                    |          |                             |  |
| CHEMICAL PRESERVATION CODES:                                                                                    |  | 1 - HCL                                        | 2 - H2SO4                | 3 - HNO3                                    | 4 - NAOH                | 5 - NA2S2O3                                                                                                                                                                                                                                                                                                                                         | 6 - UNPRESERVED                        | 7 - OTHER                          |          |                             |  |
| <b>5</b> TURNAROUND TIME REQUESTED (PLEASE CIRCLE)<br>(RUSH TAT IS SUBJECT TO PACE LABS APPROVAL AND SURCHARGE) |  | <u>NORMAL</u> RUSH                             |                          | DATE RESULTS<br>NEEDED                      |                         | <b>6</b> I understand that by initialing this box I give the lab permission to proceed with analysis, even though it may not meet all sample conformance requirements as defined in the receiving facility's Sample Acceptance Policy and the data will be qualified. Qualified data may NOT be acceptable to report to all regulatory authorities. |                                        |                                    |          |                             |  |
| RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE                                                                    |  |                                                |                          |                                             |                         | PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS) <u>GY</u>                                                                                                                                                                                                                                                                                     |                                        |                                    |          |                             |  |
| EMAIL IF DIFFERENT FROM ABOVE:                                                                                  |  | PHONE # IF DIFFERENT FROM ABOVE:               |                          |                                             |                         |                                                                                                                                                                                                                                                                                                                                                     |                                        |                                    |          |                             |  |
| <b>7</b> RELINQUISHED BY: (SIGNATURE)<br><u>Greg Young</u>                                                      |  | DATE<br><u>12/28/23</u>                        | RECEIVED BY: (SIGNATURE) |                                             | DATE                    |                                                                                                                                                                                                                                                                                                                                                     | <b>8</b> COMMENTS: (FOR LAB USE ONLY)  |                                    |          |                             |  |
| RELINQUISHED BY: (SIGNATURE)                                                                                    |  | TIME                                           |                          |                                             | TIME                    |                                                                                                                                                                                                                                                                                                                                                     |                                        |                                    |          |                             |  |
| RELINQUISHED BY: (SIGNATURE)                                                                                    |  | DATE                                           | RECEIVED BY: (SIGNATURE) |                                             | DATE                    |                                                                                                                                                                                                                                                                                                                                                     |                                        |                                    |          |                             |  |
|                                                                                                                 |  | TIME                                           |                          |                                             | TIME                    |                                                                                                                                                                                                                                                                                                                                                     |                                        |                                    |          |                             |  |
|                                                                                                                 |  | DATE                                           | RECEIVED BY: (SIGNATURE) |                                             | DATE                    |                                                                                                                                                                                                                                                                                                                                                     |                                        |                                    |          |                             |  |
|                                                                                                                 |  | TIME                                           |                          |                                             | TIME                    |                                                                                                                                                                                                                                                                                                                                                     |                                        |                                    |          |                             |  |
|                                                                                                                 |  |                                                |                          |                                             | DATE<br><u>12/29/23</u> |                                                                                                                                                                                                                                                                                                                                                     | SAMPLE TEMPERATURE UPON RECEIPT        |                                    |          |                             |  |
|                                                                                                                 |  |                                                |                          |                                             | TIME<br><u>1430</u>     |                                                                                                                                                                                                                                                                                                                                                     | TEMPERATURE GUN ID <u>12</u>           |                                    |          |                             |  |
|                                                                                                                 |  |                                                |                          |                                             |                         |                                                                                                                                                                                                                                                                                                                                                     | CHILL PROCESS STARTED PRIOR TO RECEIPT |                                    |          |                             |  |
|                                                                                                                 |  |                                                |                          |                                             |                         |                                                                                                                                                                                                                                                                                                                                                     | SAMPLE(S) RECEIVED ON ICE              |                                    |          |                             |  |
|                                                                                                                 |  |                                                |                          |                                             |                         |                                                                                                                                                                                                                                                                                                                                                     | SAMPLE ACCEPTANCE NONCONFORMANT        |                                    |          |                             |  |
|                                                                                                                 |  |                                                |                          |                                             |                         |                                                                                                                                                                                                                                                                                                                                                     | REPORT IS NEEDED                       |                                    |          |                             |  |
|                                                                                                                 |  |                                                |                          |                                             |                         |                                                                                                                                                                                                                                                                                                                                                     | DATE AND TIME TAKEN FROM SAMPLE BOTTLE |                                    |          |                             |  |









|                              |                       |
|------------------------------|-----------------------|
| REGULATORY PROGRAM (CIRCLE): | NPDES                 |
| MORBCA                       | RCRA                  |
| CCDD                         | TACO: RES OR IND/COMM |

SAMPLE COLLECTED IN THE STATE OF MD

PAGE 5

ALL HIGHLIGHTED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

|                                                                                                                                                                                          |  |                                                                                                                                                                                                                         |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                              |                                                            |                                                                                                                                                                                                                                                                                          |         |  |                                                                                                                           |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--|---------------------------------------------------------------------------------------------------------------------------|--|
| <b>1</b> CLIENT<br>JOHNA JURGIEL & ASSOCIATES, INC.<br>ADDRESS<br>123 N. MAIN ST.<br>CITY<br>STATE<br>ZIP<br>ST. CHARLES, MD 63301<br>CONTACT PERSON<br>GREG YOUNG                       |  | PROJECT NUMBER<br>RITENDOUR<br>DRINKING WATER<br>PHONE NUMBER<br>636-757-3060<br>PROJECT LOCATION<br>Hoech<br>E-MAIL<br>gyoung@jurgiel.com<br>SAMPLER (PLEASE PRINT)<br>GREG YOUNG<br>SAMPLER'S SIGNATURE<br>Greg Young |                                                                                  | PURCHASE ORDER #<br>DATE SHIPPED<br>MATRIX TYPES:<br>WW- WASTEWATER<br>DW- DRINKING WATER<br>GW- GROUND WATER<br>WWSL- SLUDGE<br>NAS- NON AQUEOUS SOLID<br>LCHL- LEACHATE<br>OIL- OIL<br>SO- SOIL<br>SOL- SOLID                                                                                                                                                                                                        |                                              | <b>3</b> ANALYSIS REQUESTED<br><div>LEAD (EPA 200.8)</div> |                                                                                                                                                                                                                                                                                          |         |  | <b>4</b> (FOR LAB USE ONLY)<br>LOGIN # 6104746<br>LOGGED BY: SAB<br>CLIENT:<br>PROJECT:<br>PROJ. MGR.:<br>CUSTODY SEAL #: |  |
| <b>2</b> SAMPLE DESCRIPTION<br>(UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)<br>HCH-45<br>46<br>47<br>48<br>49<br>50<br>51<br>52<br>53<br>54<br>55                     |  | DATE COLLECTED<br>12/28/23                                                                                                                                                                                              | TIME COLLECTED<br>8:00 AM - 10:00 AM                                             | SAMPLE TYPE<br>GRAB<br>X                                                                                                                                                                                                                                                                                                                                                                                               | MATRIX TYPE<br>DW                            | BOTTLE COUNT<br>1                                          | PRES CODE<br>CLIENT PROVIDED                                                                                                                                                                                                                                                             | REMARKS |  |                                                                                                                           |  |
| CHEMICAL PRESERVATION CODES: 1 - HCL 2 - H2SO4 3 - HNO3 4 - NAOH 5 - NA2S2O3 6 - UNPRESERVED 7 - OTHER                                                                                   |  |                                                                                                                                                                                                                         |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                              |                                                            |                                                                                                                                                                                                                                                                                          |         |  |                                                                                                                           |  |
| <b>5</b> TURNAROUND TIME REQUESTED (PLEASE CIRCLE) <u>NORMAL</u> RUSH<br>RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE<br>EMAIL IF DIFFERENT FROM ABOVE: PHONE # IF DIFFERENT FROM ABOVE: |  | DATE RESULTS NEEDED                                                                                                                                                                                                     |                                                                                  | <b>6</b> I understand that by initialing this box I give the lab permission to proceed with analysis, even though it may not meet all sample conformance requirements as defined in the receiving facility's Sample Acceptance Policy and the data will be qualified. Qualified data may NOT be acceptable to report to all regulatory authorities.<br>PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS) <u>GY</u> |                                              |                                                            |                                                                                                                                                                                                                                                                                          |         |  |                                                                                                                           |  |
| <b>7</b> RELINQUISHED BY: (SIGNATURE)<br>RELINQUISHED BY: (SIGNATURE)<br>RELINQUISHED BY: (SIGNATURE)                                                                                    |  | DATE<br>12/28/23<br>TIME<br>DATE<br>TIME<br>DATE<br>TIME                                                                                                                                                                | RECEIVED BY: (SIGNATURE)<br>RECEIVED BY: (SIGNATURE)<br>RECEIVED BY: (SIGNATURE) |                                                                                                                                                                                                                                                                                                                                                                                                                        | DATE<br>TIME<br>DATE<br>TIME<br>DATE<br>TIME |                                                            | <b>8</b> COMMENTS: (FOR LAB USE ONLY)<br>SAMPLE TEMPERATURE UPON RECEIPT<br>TEMPERATURE GUN ID<br>CHILL PROCESS STARTED PRIOR TO RECEIPT Y OR N<br>SAMPLE(S) RECEIVED ON ICE Y OR N<br>SAMPLE ACCEPTANCE NONCONFORMANT REPORT IS NEEDED Y OR N<br>DATE AND TIME TAKEN FROM SAMPLE BOTTLE |         |  |                                                                                                                           |  |





|                              |                       |
|------------------------------|-----------------------|
| REGULATORY PROGRAM (CIRCLE): | NPDES                 |
| MORBCA                       | RCRA                  |
| CCDD                         | TACO: RES OR IND/COMM |

CHAIN OF CUSTODY RECORD

SAMPLE COLLECTED IN THE STATE OF MO

PAGE 7

ALL HIGHLIGHTED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

|                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                             |  |                                                                                                                                                                             |  |                             |  |                          |  |                                                                                                                                                                 |  |           |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------|--|--------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------|--|
| <b>1</b> CLIENT<br><u>JOHNA JURGIEL &amp; ASSOCIATES, INC.</u>                                                                                                                                                                                           |  | PROJECT NUMBER<br><u>RITENDOUR DRINKING WATER</u>                                                                                                                                                                                                                                                                                                                                                                      |  | PROJECT LOCATION<br><u>Hoech</u>            |  | PURCHASE ORDER #                                                                                                                                                            |  | <b>3</b> ANALYSIS REQUESTED |  |                          |  | <b>4</b> (FOR LAB USE ONLY)<br>LOGIN # <u>GLOTHUE</u><br>LOGGED BY: <u>SAB</u><br>CLIENT: _____<br>PROJECT: _____<br>PROJ. MGR.: _____<br>CUSTODY SEAL #: _____ |  |           |  |
| ADDRESS<br><u>123 N. MAIN ST.</u>                                                                                                                                                                                                                        |  | PHONE NUMBER<br><u>636-757-3060</u>                                                                                                                                                                                                                                                                                                                                                                                    |  | E-MAIL<br><u>gyoung@jurgiel.com</u>         |  | DATE SHIPPED                                                                                                                                                                |  | <b>LEAD (EPA 200.8)</b>     |  |                          |  | REMARKS                                                                                                                                                         |  |           |  |
| CITY<br>STATE<br>ZIP<br><u>ST. CHARLES, MO 63301</u>                                                                                                                                                                                                     |  | SAMPLER<br>(PLEASE PRINT)<br><u>GREG YOUNG</u>                                                                                                                                                                                                                                                                                                                                                                         |  | SAMPLER'S<br>SIGNATURE<br><u>Greg Young</u> |  | MATRIX TYPES:<br>WW- WASTEWATER<br>DW- DRINKING WATER<br>GW- GROUND WATER<br>WWSL- SLUDGE<br>NAS- NON AQUEOUS SOLID<br>LCHL- LEACHATE<br>OIL- OIL<br>SO- SOIL<br>SOL- SOLID |  |                             |  |                          |  |                                                                                                                                                                 |  |           |  |
| CONTACT PERSON<br><u>GREG YOUNG</u>                                                                                                                                                                                                                      |  | DATE COLLECTED<br><u>12/28/23</u>                                                                                                                                                                                                                                                                                                                                                                                      |  | TIME COLLECTED<br><u>8:00 AM - 10:00 AM</u> |  | SAMPLE TYPE<br>GRAB<br>COMP<br><u>X</u>                                                                                                                                     |  | MATRIX TYPE<br><u>DW</u>    |  | BOTTLE COUNT<br><u>1</u> |  | PRES CODE<br>CLIENT PROVIDED                                                                                                                                    |  | X         |  |
| <b>2</b> SAMPLE DESCRIPTION<br>(UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)                                                                                                                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                             |  |                                                                                                                                                                             |  |                             |  |                          |  |                                                                                                                                                                 |  |           |  |
| <u>HCH- 67</u>                                                                                                                                                                                                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                             |  |                                                                                                                                                                             |  |                             |  |                          |  |                                                                                                                                                                 |  |           |  |
| <u>68</u>                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                             |  |                                                                                                                                                                             |  |                             |  |                          |  |                                                                                                                                                                 |  |           |  |
| <u>69</u>                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                             |  |                                                                                                                                                                             |  |                             |  |                          |  |                                                                                                                                                                 |  |           |  |
| <u>70</u>                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                             |  |                                                                                                                                                                             |  |                             |  |                          |  |                                                                                                                                                                 |  |           |  |
| <u>71</u>                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                             |  |                                                                                                                                                                             |  |                             |  |                          |  |                                                                                                                                                                 |  |           |  |
| <u>72</u>                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                             |  |                                                                                                                                                                             |  |                             |  |                          |  |                                                                                                                                                                 |  |           |  |
| <u>73</u>                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                             |  |                                                                                                                                                                             |  |                             |  |                          |  |                                                                                                                                                                 |  |           |  |
| <u>74</u>                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                             |  |                                                                                                                                                                             |  |                             |  |                          |  |                                                                                                                                                                 |  |           |  |
| <u>75</u>                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                             |  |                                                                                                                                                                             |  |                             |  |                          |  |                                                                                                                                                                 |  |           |  |
| <u>76</u>                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                             |  |                                                                                                                                                                             |  |                             |  |                          |  |                                                                                                                                                                 |  |           |  |
| <u>77</u>                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                             |  |                                                                                                                                                                             |  |                             |  |                          |  |                                                                                                                                                                 |  |           |  |
| CHEMICAL PRESERVATION CODES:                                                                                                                                                                                                                             |  | 1 - HCL                                                                                                                                                                                                                                                                                                                                                                                                                |  | 2 - H2SO4                                   |  | 3 - HNO3                                                                                                                                                                    |  | 4 - NAOH                    |  | 5 - NA2S2O3              |  | 6 - UNPRESERVED                                                                                                                                                 |  | 7 - OTHER |  |
| <b>5</b> TURNAROUND TIME REQUESTED (PLEASE CIRCLE)<br>(RUSH TAT IS SUBJECT TO PACE LABS APPROVAL AND SURCHARGE)<br>NORMAL <u>RUSH</u><br>RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE<br>EMAIL IF DIFFERENT FROM ABOVE: PHONE # IF DIFFERENT FROM ABOVE: |  | <b>6</b> I understand that by initialing this box I give the lab permission to proceed with analysis, even though it may not meet all sample conformance requirements as defined in the receiving facility's Sample Acceptance Policy and the data will be qualified. Qualified data may NOT be acceptable to report to all regulatory authorities.<br>PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS) <u>GY</u> |  | DATE RESULTS NEEDED                         |  |                                                                                                                                                                             |  |                             |  |                          |  |                                                                                                                                                                 |  |           |  |
| <b>7</b> RELINQUISHED BY: (SIGNATURE)<br><u>Greg Young</u>                                                                                                                                                                                               |  | DATE<br><u>12/28/23</u>                                                                                                                                                                                                                                                                                                                                                                                                |  | TIME                                        |  | RECEIVED BY: (SIGNATURE)                                                                                                                                                    |  | DATE                        |  | TIME                     |  | <b>8</b> COMMENTS: (FOR LAB USE ONLY)                                                                                                                           |  |           |  |
| RELINQUISHED BY: (SIGNATURE)                                                                                                                                                                                                                             |  | DATE                                                                                                                                                                                                                                                                                                                                                                                                                   |  | TIME                                        |  | RECEIVED BY: (SIGNATURE)                                                                                                                                                    |  | DATE                        |  | TIME                     |  | SAMPLE TEMPERATURE UPON RECEIPT                                                                                                                                 |  | °C        |  |
| RELINQUISHED BY: (SIGNATURE)                                                                                                                                                                                                                             |  | DATE                                                                                                                                                                                                                                                                                                                                                                                                                   |  | TIME                                        |  | RECEIVED BY: (SIGNATURE)                                                                                                                                                    |  | DATE                        |  | TIME                     |  | TEMPERATURE GUN ID                                                                                                                                              |  |           |  |
|                                                                                                                                                                                                                                                          |  | DATE                                                                                                                                                                                                                                                                                                                                                                                                                   |  | TIME                                        |  | RECEIVED BY: (SIGNATURE)                                                                                                                                                    |  | DATE                        |  | TIME                     |  | CHILL PROCESS STARTED PRIOR TO RECEIPT                                                                                                                          |  | Y OR N    |  |
|                                                                                                                                                                                                                                                          |  | DATE                                                                                                                                                                                                                                                                                                                                                                                                                   |  | TIME                                        |  | RECEIVED BY: (SIGNATURE)                                                                                                                                                    |  | DATE                        |  | TIME                     |  | SAMPLE(S) RECEIVED ON ICE                                                                                                                                       |  | Y OR N    |  |
|                                                                                                                                                                                                                                                          |  | DATE                                                                                                                                                                                                                                                                                                                                                                                                                   |  | TIME                                        |  | RECEIVED BY: (SIGNATURE)                                                                                                                                                    |  | DATE                        |  | TIME                     |  | SAMPLE ACCEPTANCE NONCONFORMANT                                                                                                                                 |  | Y OR N    |  |
|                                                                                                                                                                                                                                                          |  | DATE                                                                                                                                                                                                                                                                                                                                                                                                                   |  | TIME                                        |  | RECEIVED BY: (SIGNATURE)                                                                                                                                                    |  | DATE                        |  | TIME                     |  | REPORT IS NEEDED                                                                                                                                                |  | Y OR N    |  |
|                                                                                                                                                                                                                                                          |  | DATE                                                                                                                                                                                                                                                                                                                                                                                                                   |  | TIME                                        |  | RECEIVED BY: (SIGNATURE)                                                                                                                                                    |  | DATE                        |  | TIME                     |  | DATE AND TIME TAKEN FROM SAMPLE BOTTLE                                                                                                                          |  |           |  |









Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

January 16, 2024

Greg Young  
Jurgiel & Associates, Inc.  
123 North Main Street  
St. Charles, MO 63301

RE: Ritenour Drinking Water - Hoech

Dear Greg Young:

Please find enclosed the analytical results for the **12** sample(s) the laboratory received on **12/30/23 9:58 am** and logged in under work order **GL04747**. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of Pace Analytical Services, LLC.

If you have any questions regarding your report, please contact your project manager. Quality and timely data is of the utmost importance to us.

Pace Analytical Services appreciates the opportunity to provide you with analytical expertise . We are always trying to improve our customer service and we welcome you to contact the General Manager, Lisa Grant, with any feedback you have about your experience with our laboratory at 309-683-1764 or [lisa.grant@pacelabs.com](mailto:lisa.grant@pacelabs.com).

A handwritten signature in black ink, appearing to read 'Chenise Lambert-Sykes'.

Chenise Lambert-Sykes  
Project Manager  
(314)432-0550  
[Chenise.Lambert-Sykes@pacelabs.com](mailto:Chenise.Lambert-Sykes@pacelabs.com)

**SAMPLE RECEIPT CHECK LIST**

Items not applicable will be marked as in compliance

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Work Order      GL04747

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|     |                                                                |
|-----|----------------------------------------------------------------|
| YES | Samples received within temperature compliance when applicable |
| YES | COC present upon sample receipt                                |
| YES | COC completed & legible                                        |
| YES | Sampler name & signature present                               |
| YES | Unique sample IDs assigned                                     |
| YES | Sample collection location recorded                            |
| YES | Date & time collected recorded on COC                          |
| YES | Relinquished by client signature on COC                        |
| YES | COC & labels match                                             |
| YES | Sample labels are legible                                      |
| YES | Appropriate bottle(s) received                                 |
| YES | Sufficient sample volume received                              |
| YES | Sample containers received undamaged                           |
| NO  | Zero headspace, <6 mm present in VOA vials                     |
| NO  | Trip blank(s) received                                         |
| YES | All non-field analyses received within holding times           |
| NO  | Short hold time analysis                                       |
| YES | Current PDC COC submitted                                      |
| NO  | Case narrative provided                                        |



## ANALYTICAL RESULTS

**Sample:** GL04747-01  
**Name:** HCH - 89  
**Matrix:** Drinking Water - Grab

**Sampled:** 12/28/23 08:00  
**Received:** 12/30/23 09:31

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 4.70 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 11:33 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

**Sample:** GL04747-02  
**Name:** HCH - 90  
**Matrix:** Drinking Water - Grab

**Sampled:** 12/28/23 08:00  
**Received:** 12/30/23 09:31

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 3.40 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 11:34 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

**Sample:** GL04747-03  
**Name:** HCH - 91  
**Matrix:** Drinking Water - Grab

**Sampled:** 12/28/23 08:00  
**Received:** 12/30/23 09:31

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 6.06 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 11:42 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

**Sample:** GL04747-04  
**Name:** HCH - 92  
**Matrix:** Drinking Water - Grab

**Sampled:** 12/28/23 08:00  
**Received:** 12/30/23 09:31

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 2.95 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 11:44 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|



## ANALYTICAL RESULTS

Sample: GL04747-05  
Name: HCH - 93  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/30/23 09:31

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 3.97 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 11:45 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04747-06  
Name: HCH - 94  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/30/23 09:31

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |        |      |  |                |   |      |                |     |                   |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | < 1.00 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 11:47 | BRS | EPA 200.8 REV 5.4 |
|------|--------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04747-07  
Name: HCH - 95  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/30/23 09:31

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 1.12 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 11:48 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04747-08  
Name: HCH - 96  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/30/23 09:31

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 2.76 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 11:50 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|



## ANALYTICAL RESULTS

Sample: GL04747-09  
Name: HCH - 97  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/30/23 09:31

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 1.27 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 11:52 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04747-10  
Name: HCH - 98  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/30/23 09:31

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 2.16 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 11:53 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04747-11  
Name: HCH - 99  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/30/23 09:31

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 1.65 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 11:55 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|

Sample: GL04747-12  
Name: HCH - 100  
Matrix: Drinking Water - Grab

Sampled: 12/28/23 08:00

Received: 12/30/23 09:31

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|-----|----------|---------|--------|

Total Metals - PIA

|      |      |      |  |                |   |      |                |     |                   |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|
| Lead | 2.20 | ug/L |  | 01/11/24 07:35 | 1 | 1.00 | 01/11/24 11:56 | BRS | EPA 200.8 REV 5.4 |
|------|------|------|--|----------------|---|------|----------------|-----|-------------------|



## NOTES

Specifications regarding method revisions, method modifications, and calculations used for analysis are available upon request. Please contact your project manager.

\* Not a TNI accredited analyte

### Certifications

CHI - McHenry, IL - 4314-A W. Crystal Lake Road, McHenry, IL 60050

TNI Accreditation for Drinking Water and Wastewater Fields of Testing through IL EPA Accreditation No. 100279

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17556

PIA - Peoria, IL - 2231 W. Altorfer Drive, Peoria, IL 61615

TNI Accreditation for Drinking Water, Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. 100230

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17553

Drinking Water Certifications/Accreditations: Iowa (240); Kansas (E-10338); Missouri (870)

Wastewater Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

Solid and Hazardous Material Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

SPMO - Springfield, MO - 1805 W Sunset Street, Springfield, MO 65807

USEPA DMR-QA Program

STL - Hazelwood, MO - 944 Anglum Rd, Hazelwood, MO 63042

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through KS KDHE Certification No. E-10389

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. - 200080

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory, Registry No. 171050

Missouri Department of Natural Resources - Certificate of Approval for Microbiological Laboratory Service - No. 1050



Certified by: Chenise Lambert-Sykes, Project Manager