# ROCKY FLATS STEWARDSHIP COUNCIL

P.O. Box 17670
Boulder, CO 80308-0670
www.rockyflatssc.org
(303) 412-1200

Jefferson County ~ Boulder County ~ City and County of Broomfield ~ City of Arvada ~ City of Boulder
City of Golden ~ City of Northglenn ~ City of Thornton ~ City of Westminster ~ Town of Superior
League of Women Voters ~ Rocky Flats Cold War Museum ~ Rocky Flats Homesteaders
Kim Griffiths

## Board of Directors Meeting – Agenda

**Monday, June 6, 2022, 8:30 – 11:00 AM**

**VIA WEBEX**

Email info@rockyflatssc.org for WebEx details

8:30 AM Convene/Introductions/Agenda Review

8:40 AM Public Comment: Comments are limited to the Consent Agenda and non-agenda items. Comments are limited to three minutes.

8:50 AM Business Items (briefing memo attached)

1. Consent Agenda: Approve minutes and checks

2. Amended meeting resolution

**Action item: Adopt Amended Meeting Resolution**

3. Executive Director's Report

9:00 AM Receive Stewardship Council 2021 Financial Audit (briefing memo attached)
- The Board will be briefed on the results of the audit
- No material problems were found, and the Stewardship Council was found to be in compliance with all applicable laws and regulations

**Action item: Approve Motion Accepting Stewardship Council 2021 Financial Audit**

9:15 AM Host DOE Annual Meeting – High-Level Overview (briefing memo attached)
- DOE will brief on site activities for calendar year 2021
- DOE has posted the report on its website and for this portion of the meeting will provide a high-level summary of its activities. A roundtable discussion follows later in the meeting

9:30 AM Meet with CDPHE
- CDPHE will provide an overview of its role in regulating site activities and views of the long-term effectiveness of the cleanup remedy

Public Comment on CDPHE's Presentation: Comments must focus on CDPHE's Presentation

10:15 AM Board Roundtable – Big Picture/Additional Questions/Issue Identification

10:20 AM Roundtable Discussion of DOE's Annual Report (see 9:15 AM briefing topic memo for details)

- This portion of the meeting will allow for an in-depth discussion of DOE's Annual Report for 2021
- Stewardship Council staff will facilitate the discussion

11:00 AM Adjourn

Upcoming Meetings:

September 19, 2022
October 31, 2022

# Business Items

- Cover memo
- April 4, 2022, draft minutes
- List of Stewardship Council checks
- Amended meeting schedule resolution

# 2021 Financial Audit

- Cover memo
- Draft financial audit

# ROCKY FLATS STEWARDSHIP COUNCIL

P.O. Box 17670 (303) 412-1200
Boulder, CO 80308-0670
www.rockyflatssc.org

Jefferson County ~ Boulder County ~ City and County of Broomfield ~ City of Arvada ~ City of Boulder
City of Golden ~ City of Northglenn ~ City of Thornton ~ City of Westminster ~ Town of Superior
League of Women Voters ~ Rocky Flats Cold War Museum ~ Rocky Flats Homesteaders
Kim Griffiths

**MEMORANDUM**

**TO:** Board of Directors
**FROM:** David Abelson
**SUBJECT:** Business Items
**DATE:** May 23, 2022

---

As provided in the agenda, in addition to approving the minutes and checks, the Board will also approve a resolution modifying the meeting resolution that was adopted at the February meeting. The amended resolution includes two changes:

1. Noting that the June, September and October meetings will take place in-person at the Rocky Mountain Metropolitan Airport
2. Changing the September meeting date to September 19th (due to room availability at the airport)

**ACTION ITEM: Adopt amended meeting resolution**

**ROCKY FLATS STEWARDSHIP COUNCIL**
**Monday, April 4, 2022**
**8:30 – 10:35 AM**
**Virtual Meeting via WebEx**

**Board members in attendance**: Randy Moorman (Director, Arvada), Jacob Moyer (Alternate, Arvada), Claire Levy (Director, Boulder County), Summer Laws (Alternate, Boulder County), Tara Winer (Director, City of Boulder), Marni Ratzel (Alternate, City of Boulder), Deven Shaff (Director, Broomfield), Bill Fisher (Director, Golden), Andy Kerr (Director, Jefferson County), Pat O'Connell (Alternate, Jefferson County), Ashley Witkovich (Director, Northglenn), Shelley Stanley (Alternate, Northglenn), Mark Lacis (Director, Superior), Jan Kulmann (Director, Thornton), Caleb Owen (Alternate, Thornton), Emily Hunt (Alternate, Thornton), Bruce Baker (Alternate, Westminster), Trea Nance (Alternate, Westminster), Jeannette Hillery (Director, League of Women Voters), Linda Porter (Alternate, League of Women Voters), Roman Kohler (Director, Rocky Flats Homesteaders), Murph Widdowfield (Director, Rocky Flats Cold War Museum), Kim Griffiths (Director/Citizen)

**Stewardship Council staff members and consultants in attendance:** David Abelson (Executive Director), Melissa Weakley (Technical Program Manager), Barb Vander Wall (Seter & Vander Wall, P.C)

**Attendees:** Andy Keim (DOE-LM), Padraic Benson (DOE-LM), Cliff Carpenter (DOE-LM), Alison Kuhlman (DOE-LM), Lisa Bade (RSI Entech), Nicole Lachance (RSI Entech), Dana Santi (RSI Entech), John Boylan (RSI Entech), George Squibb (RSI Entech), Chris Stewart (RSI Entech), Kirk Briscoe (RSI Entech), Ryan Wisniewski (RSI Entech), David Lucas (USFWS), Lindsey Murl (CDPHE), Lindsey Archibald (CDPHE), Jesse Aviles (EPA), Cathy Shugarts (Westminster), Laura Hubbard (Broomfield), Nancy Ford, Shirley Garcia, Lynn Segal, Chris Allred, Joan Seeman, Giselle Herzfeld

**Convene/Agenda Review:** Jan Kulmann convened the meeting at 8:30 am.

**Public Comment**

*Lynn Segal*: Lynn said that she does not believe people should be allowed at Rocky Flats. She said there is too much contamination, and it puts people in danger.

*Joan Seeman*: Joan said she did not understand why the Stewardship Council could not provide recommendations to DOE. She also mentioned that a fact sheet about Rocky Flats from the US Fish and Wildlife Service did not contain any references or contact information. She said she had been trying to get a copy of the fire plan at Rocky Flats. She was also concerned that she does not see DOE responding to citizen comments. She wants to see the 3rd or 4th Quarter reports that will be part of the CERCLA Five Year Review.

*Giselle Herzfeld*: Giselle said she is a resident of Boulder. She mentioned concerns about potential wildfires at Rocky Flats. She pointed out existing soil contamination studies showing that plants can uptake contamination buried in the soil, and the existence of high winds at the site. She discussed the effects of inhaled plutonium on the human body. Giselle referred to and supported comments by members of the Stewardship Council requesting air monitoring at the site. She also called for evacuation plans and additional training for firefighters regarding the dangers of radioactive contamination.

**Consent Agenda:** The consent agenda included approval of the minutes from the February 7, 2022, meeting and checks written since that meeting.

Kim Griffiths moved to approve consent agenda. The motion was seconded by Roman Kohler. The motion to accept the minutes and checks passed 14-0.

**Executive Director's Report:** David spoke to three items.
*Audit*: The auditor, Eric Barnes, has provided the draft 2021 financial audit. David, Jennifer Bohn (RFSC accountant), and Barb Vander Wall (attorney) have reviewed it. Once again, the Stewardship Council received a clean report. The results of the audit will be presented at the June meeting.

*Post COVID*: At the May 2021 meeting David reported that with vaccinations becoming widely available in Colorado, it is time we start considering returning to in-person meetings starting in Fall 2021. Obviously, that did not happen. The executive committee is now targeting the June 6, 2022, meeting to resume in-person meetings. They will be closely watching what the local governments do, trusting they will follow the direction established by the state of Colorado.

*DOE Quarterly Reports*: David has been examining ways to improve how the quarterly reports are presented. Currently – and it has been the pattern for many years – DOE develops a presentation that seeks to bridge the gap between those who want the Bottom-Line Up Front (BLUF) and those who want to go into the details. Put another way, DOE is seeking to bridge the gap between those who want a 10-minute presentation and those who want a 60-minute conversation – and it has become clear during COVID that a new approach is needed. Starting at the June 6, 2022, meeting the Stewardship Council will begin implementing a new approach. The presentation and conversation will be broken into two parts. The first part will focus on the BLUF. With that information, for instance, elected officials will have the information they need to brief their councils and commissions. Next, once the board has completed its meeting, there will be a second, more in-depth conversation. That second conversation will be a round table discussion – it will not be limited to members of the Board. That means, for instance, technical staff from the local governments who are not board members will be able to engage in the conversation. Also, members of the public who want to engage the technical details will be invited to participate. David will facilitate the conversation. This portion of the meeting will remain part of the Stewardship Council meeting, but we will not need a quorum of the Board. David has discussed this approach with the executive committee and with DOE and CDPHE.

**Overview of the Rocky Flats Stewardship Council:** David Abelson provided this briefing with the goal of explaining the overall purpose and scope of the organization.

*Background*: The cleanup of Rocky Flats, which was officially completed in 2006, significantly reduced the many risks on the site. However, there are ongoing management needs that remain vital to ensuring long-term protection of human health and the environment. Those management responsibilities lie with the Department of Energy (DOE), with regulatory oversight by Colorado Department of Public Health and Environment (CDPHE) and the Environmental Protection Agency (EPA).

The Rocky Flats Stewardship Council is an independent entity organized in 2006 under Colorado laws and regulations. The purpose of the Stewardship Council is to provide ongoing local government and

community engagement on post-closure management of Rocky Flats. The organization is established by an intergovernmental agreement (IGA), as amended, entered into by ten member governments. The IGA is the governing document which sets forth the organization's mission, purposes, powers, and authority.

In late 2005, as the Stewardship Council was being formed, DOE designated the organization as the Local Stakeholder Organization (LSO) for Rocky Flats. In authorizing the establishment of LSOs, Congress was seeking a means to formalize ongoing local government engagement following the completion of cleanup. As the LSO, the Stewardship Council receives grant funds from DOE. The Stewardship Council is governed by a Board of Directors made up of elected officials designated by each of the ten government parties to the IGA, and representatives from up to four community stakeholders

By design, the LSO is not a federal advisory board, so the Federal Advisory Committee Act (known as "FACA") does not apply. Accordingly, the Stewardship Council does not issue recommendations but is charged with forwarding recommendations offered by local governments and others, at their request.

The Stewardship Council's central purpose is to bring the parties together to learn about the cleanup and ongoing management of Rocky Flats, and to provide a forum to regularly engage DOE, CDPHE and EPA. By focusing the board membership on local governments (as provided in the LSO legislation), local elected officials are best prepared to respond to their constituents' concerns, to address questions and concerns of their councils/commissions, and to respond as needed.

The Stewardship Council is organized under Colorado laws and regulations. As an independent organization, the Stewardship Council is allowed to engage any questions that fall under the IGA. However, as the LSO for Rocky Flats—and under the terms of the grant from DOE—only specific activities can be charged to the grant. Unless otherwise indicated on the meeting agenda, all Board meetings are LSO-focused.

The mission of the Stewardship Council is --

- To provide continuing local engagement on activities occurring at the Rocky Flats site regarding long-term stewardship of residual contamination and refuge management;
- To provide a forum to track issues related to former site employees, including but not limited to long-term health benefits and pension programs;
- To provide an ongoing mechanism to help maintain public knowledge of Rocky Flats and the ongoing needs and responsibilities regarding contaminant management and refuge management; and
- To provide an ongoing forum to engage on all other issues pertinent to Rocky Flats, as determined by the Stewardship Council Board of Directors

LSO activities include work related to (1) the historic use of Rocky Flats, (2) ongoing management of Rocky Flats, and (3) contamination from Rocky Flats, regardless of where it is found. Non-LSO activities focus on United States Fish and Wildlife Service's (USFWS) refuge management.

Bruce Baker said he thinks it is a problem that the Stewardship Council cannot provide recommendations to DOE and that it can appear that the Stewardship Council does not do anything of importance. David noted that the local governments are very engaged in understanding the issues and

ensuring that their communities' best interests are served, but some of this activity is not widely seen. He provided some examples of how local governments have taken steps over the years to influence decisions at Rocky Flats. He added that the Stewardship Council does have the ability to serve as a conduit to forward the opinions or recommendations of the local governments to DOE.

**Big Picture/Additional Questions/Issue Identification:** David mentioned that one topic that will be coming up in future meetings is a discussion of potential wildfire at Rocky Flats. He will discuss this with the Executive Committee and schedule it as appropriate.

**June 6, 2022**

*Potential Business Items*

- Accept 2021 Financial Audit

*Potential Briefing Items*

- DOE Quarterly Update
- TBD

**September 19**

*Potential Business Items*

- Initial review of the 2023 work plan
- Initial review of the 2023 budget

*Potential Briefing Items*

- DOE Quarterly Update
- Update on Multi-Purpose Facility

**October 31**

*Potential Business Items*

- Adopt 2023 work plan
- Adopt 2023 budget
- New Member Interviews

*Potential Briefing Items*

- DOE Quarterly Update

**End of the LSO portion of the meeting.**

**Start of the non-LSO portion of the meeting.**

**USFWS Briefing:** David Lucas, the manager of the Rocky Flats National Wildlife Refuge, provided an update on the Refuge.

He began by speaking about xeric tallgrass management on the site, which is a high priority. This type of grass is 20,000–30,000 years old, and the Rocky Flats/Boulder area is the last remaining tract in the world. In 2019, USFWS completed surveys and prepared a report. Links to these reports will be shared

with the group. The first report was about basic plant distribution in the xeric tallgrass, trying to determine the invasive plant load is at the site compared to previous studies. Another study is planned for later this year. Together, these two reports will inform the development of a xeric tallgrass management plan. USFWS is already planning certain protective steps such as the use of biocontrols in order to reduce dalmatian toadflax and knapweed species, and continuation of early detection and rapid response for noxious weeds.

David Lucas next moved on to a discussion of a planned multi-use facility at the Refuge. Initial work was completed on design and location, followed by a pause due to many other issues going on. It is a high priority to proceed with this planning, which will provide information and interpretation of the history of this site going back to Indigenous people, through homesteading, the Cold War and cleanup. USFWS is working to re-invigorate the process, including updating a Memorandum of Understanding (MOU) with DOE.

The next topic was the monitoring of the elk herd onsite. USFWS began collaring elk cows to get a better understanding of movement of the herd. This tracking showed that the herd primarily stays on the Rocky Flats lands, as well as areas just to the north of Highway 128. There have routinely been about 200 in the herd, but the number rose to 344 in February 2022. It is thought that this increase can be attributed to the Marshall fire. USFWS looks at the carrying capacity of the land to allow for a healthy population and has determined that this is about 250 animals. Because of this, in 2023 they will begin reducing this population.

David Abelson asked David Lucas to discuss issues related to trail development and connectivity. David Lucas noted that USFWS did another Environmental Assessment about two years ago and work is ongoing on the Rocky Mountain Greenway and other related projects. They are at 30% design on trails with construction beginning late 2022 or early 2023. David also mentioned that NREL is moving forward with final environmental compliance in order to put in a water line along the western side of Rocky Flats. USFWS also needs to update their grazing permit for Section 16 on the site.

Kim Griffiths asked whether the elk could be relocated. David Lucas said that it is possible, but he does not know of areas where these animals would be wanted. The prevalence of Chronic Wasting Disease along the Front Range also makes these animals less desirable. Jeannette Hillery asked how many more trails are being considered. David Lucas said this round would likely be the last of the trail development and that they will mainly serve as connections to other trails. The new trails add up to just a few miles of new construction.

Murph Widdowfield asked if funding for the multi-use facility had been requested. David Lucas said his understanding is that it had been requested from DOE. David Abelson concurred. Shelley Stanley asked where the facility would be located. David Lucas said the possible locations are on the north side of the site along Highway 128. The reason behind this is the proximity to existing utilities and access points, as well as suitable habitat conditions. She asked if the partial design was available on the website. David said he will look into this. Shelley asked when ground-breaking would take place. David Lucas said this was not yet determined. David Abelson noted that there will be public processes associated with further planning for the building and the related historical interpretation.

Nancy Ford asked what would happen to the animals that are culled. David said this was yet to be determined, but typically they will be euthanized and left for other animals to consume. He hopes to eventually cooperate with surrounding municipalities to develop an integrated elk management plan.

Lynn Segal asked how they keep the elk in a particular area to prevent them from roaming offsite because she believes they spread plutonium through feces, and that it will become airborne. David Lucas noted the challenges with managing large animals in urban areas. He said there will be high fences, as well as crossings to protect the animals on transportation corridors. He noted that the collaring studies provides information about the movement of the herd. Ultimately, he said the number of animals needs to be reduced because predators no longer exist. He added that he was unaware of any evidence regarding Lynn's concern about these animals spreading any contamination, but would defer to DOE, CDPHE and EPA on the details of this question.

Chris Allred said he thought there was a missing piece in David Lucas's updates due to everything taking place on contaminated land. He asked if USFWS had any plans to monitor contamination in animals. He said previous studies on animals at Rocky Flats found plutonium, uranium and americium in bone samples and other tissues. He also asked for an update on the role of the Mile High Youth Corps at the site. David Lucas said USFWS remains interested in looking at potential contaminants in animals and possibly re-creating some of the work that was done in previous studies. He added that the Mile High Youth Corps is partner at all of their locations, and they were used to do some weed work in the Rock Creek drainage in the northwest corner of the Refuge in 2020 and 2021. He said that they were provided with information about the history of the site.

Joan Seeman asked what the USFWS' role would be in the event of a fire in the COU. She also asked whether the MOU between USFWS and DOE that David mentioned was available for public review. David said the MOU would be available for review. David said that according to the USFWS fire management plan, they do not suppress wildfires in the COU. This is the responsibility of DOE. He went on to explain that that there is, however, a great deal of communication and collaboration between the agencies during active events. Joan thanked David for his prompt answering of questions.

**Board Roundtable:**

The meeting was adjourned at 10:35 am.

*Respectfully submitted by Erin Rogers.*

# Rocky Flats Stewardship Council
## Check Detail 2021
### March 15 through May 16, 2022

| Type | Num | Date | Name | Account | Paid Amount | Original Amount |
|---|---|---|---|---|---|---|
| **Check** | | **03/23/2022** | | **CASH-Wells Fargo-Operati...** | | **-3.50** |
| | | | | Admin Services-Misc Services | -3.50 | 3.50 |
| TOTAL | | | | | -3.50 | 3.50 |
| **Check** | **2137** | **04/09/2022** | **Century Link** | **CASH-Wells Fargo-Operati...** | | **-30.77** |
| | | | | Telecommunications | -30.77 | 30.77 |
| TOTAL | | | | | -30.77 | 30.77 |
| **Bill Pmt -Check** | **2138** | **04/09/2022** | **Crescent Strategies, LLC** | **CASH-Wells Fargo-Operati...** | | **-8,658.33** |
| Bill | 3/31/22 ... | 03/31/2022 | | Personnel - Contract | -8,525.00 | 8,525.00 |
| | | | | TRAVEL-Local | -18.72 | 18.72 |
| | | | | Postage | -17.99 | 17.99 |
| | | | | Telecommunications | -96.62 | 96.62 |
| TOTAL | | | | | -8,658.33 | 8,658.33 |
| **Bill Pmt -Check** | **2139** | **04/09/2022** | **HUB International Colorado** | **CASH-Wells Fargo-Operati...** | | **-2,687.00** |
| Bill | 2022Qu... | 05/01/2022 | | Insurance | -2,687.00 | 2,687.00 |
| TOTAL | | | | | -2,687.00 | 2,687.00 |
| **Bill Pmt -Check** | **2140** | **04/09/2022** | **Jennifer A. Bohn** | **CASH-Wells Fargo-Operati...** | | **-300.00** |
| Bill | 22-17 | 03/31/2022 | | Accounting Fees | -300.00 | 300.00 |
| TOTAL | | | | | -300.00 | 300.00 |
| **Bill Pmt -Check** | **2141** | **04/09/2022** | **Seter & Vander Wall, P.C.** | **CASH-Wells Fargo-Operati...** | | **-2,003.25** |
| Bill | 83359 | 02/28/2022 | | Attorney Fees | -1,481.75 | 1,481.75 |
| Bill | 83510 | 03/31/2022 | | Attorney Fees | -521.50 | 521.50 |
| TOTAL | | | | | -2,003.25 | 2,003.25 |
| **Check** | **2142** | **05/05/2022** | **Century Link** | **CASH-Wells Fargo-Operati...** | | **-30.77** |
| | | | | Telecommunications | -30.77 | 30.77 |
| TOTAL | | | | | -30.77 | 30.77 |
| **Bill Pmt -Check** | **2143** | **05/05/2022** | **Crescent Strategies, LLC** | **CASH-Wells Fargo-Operati...** | | **-9,258.33** |
| Bill | 4/30/22 ... | 04/30/2022 | | Personnel - Contract | -8,525.00 | 8,525.00 |
| | | | | TRAVEL-Local | -18.72 | 18.72 |
| | | | | Postage | -17.99 | 17.99 |
| | | | | Telecommunications | -96.62 | 96.62 |
| | | | | Meeting Expense | -600.00 | 600.00 |
| TOTAL | | | | | -9,258.33 | 9,258.33 |
| **Bill Pmt -Check** | **2144** | **05/05/2022** | **Erin Rogers** | **CASH-Wells Fargo-Operati...** | | **-350.00** |
| Bill | 4/23/22 ... | 03/31/2022 | | Personnel - Contract | -250.00 | 250.00 |
| | | | | Website | -100.00 | 100.00 |
| TOTAL | | | | | -350.00 | 350.00 |
| **Bill Pmt -Check** | **2145** | **05/05/2022** | **Fiscal Focus Partners, LLC** | **CASH-Wells Fargo-Operati...** | | **-4,250.00** |
| Bill | 1594 | 04/01/2022 | | Annual Audit | -4,250.00 | 4,250.00 |
| TOTAL | | | | | -4,250.00 | 4,250.00 |
| **Bill Pmt -Check** | **2146** | **05/05/2022** | **HUB International Colorado** | **CASH-Wells Fargo-Operati...** | | **-80.61** |

# Rocky Flats Stewardship Council
## Check Detail 2021
### March 15 through May 16, 2022

| Type | Num | Date | Name | Account | Paid Amount | Original Amount |
|---|---|---|---|---|---|---|
| Bill | 2022Qu... | 05/01/2022 | | Insurance | -80.61 | 80.61 |
| TOTAL | | | | | -80.61 | 80.61 |
| **Bill Pmt -Check** | **2147** | **05/05/2022** | **Jennifer A. Bohn** | **CASH-Wells Fargo-Operati...** | | **-530.00** |
| Bill | 22-26 | 04/30/2022 | | Accounting Fees | -530.00 | 530.00 |
| TOTAL | | | | | -530.00 | 530.00 |

**RESOLUTION**
**OF THE**
**BOARD OF DIRECTORS**
**OF**
**ROCKY FLATS STEWARDSHIP COUNCIL**

**regarding**

**AMENDED 2022 MEETING SCHEDULE AND NOTICE PROVISIONS**

WHEREAS, pursuant to an Intergovernmental Agreement dated as of February 13, 2006, and as amended thereafter, (the "IGA"), the Rocky Flats Stewardship Council ("Stewardship Council") was established; and

WHEREAS, the Stewardship Council was created to allow local governments to work together on the continuing local oversight of the activities occurring on the Rocky Flats site to ensure that government and community interests are met with regards to long term stewardship of residual contamination and refuge management; and

WHEREAS, the Board of Directors of the Stewardship Council has a duty to perform certain obligations in order to assure the efficient operation of the Stewardship Council; and

WHEREAS, on March 6, 2006, the Board of Directors of the Stewardship Council adopted Bylaws regarding the operations of the Stewardship Council, governing, *inter alia*, meeting and notice requirements; and

WHEREAS, § 24-6-402, C.R.S., of the Colorado Sunshine Law, specifies the duty of the Board of Directors at its first regular meeting of the calendar year to designate a public posting place within the boundaries of the Stewardship Council for notices of meetings, in addition to any other means of notice; and

WHEREAS, pursuant to its Bylaws and Colorado laws, the Stewardship Council desires to establish its regular meeting schedule and location, and to designate its public posting place(s) for 2022.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE ROCKY FLATS STEWARDSHIP COUNCIL THAT:

1. Amended Meeting Schedule/Location. The Board of Directors determines to hold regular meetings in 2022 on **February 7, April 4, June 6, September 19 and October 31 at 8:30 AM**; and to hold special meetings as may be necessary, in accordance with the Bylaws of the Stewardship Council. The February and April, 2022 meetings will be held virtually using Webex due to concerns surrounding the COVID-19 pandemic. Members of the public will be able to participate remotely through Webex. After April, regular and special meetings will be held at Rocky Mountain Metropolitan Airport Terminal Building, 11755 Airport Way, Broomfield, Colorado. This schedule shall supersede the regular meeting schedule previously adopted by the Board by Resolution dated February 7, 2022.

2. Regular Meeting Notice. The Board of Directors determines to annually post its regular meeting schedule at the Clerk and Recorder's office of the following counties: Jefferson, Boulder, Broomfield, Adams and Weld; and at the City or Town Clerk's Office of the following cities and/or towns:

Arvada, Boulder, Broomfield, Westminster, Golden, Superior, Thornton, and Northglenn, for posting in a public place. In addition, the Board shall post its regular meeting schedule on the website established for the Stewardship Council. These notices shall remain posted throughout the year. At least seven (7) days advance notice of the regular meeting time, place and date shall be provided to the directors and alternate directors, and to those members of the public who so request. The general nature of the business proposed to be transacted or the purpose of any meeting of the Board of Directors shall be specified in the notices of such meeting where possible.

3. Special Meeting Notice. In the event of a special meeting, a notice of such special meeting shall be posted at least seventy-two (72) hours in advance at the clerks' offices of the counties, cities and towns indicated above, for posting in a public place. At least seventy-two (72) hours advance notice of the special meeting time, place and date shall be provided to the directors and alternate directors, and to those members of the public who so request. The general nature of the business proposed to be transacted at or the purpose of any meeting of the Board of Directors shall be specified in the notices of such meeting where possible. The Board of Directors' ability to act on matters brought before it at a special meeting is restricted to those items specified in the notice.

4. Emergency Meeting Notice. Should the Board of Directors determine an emergency special meeting is necessary, a notice of such emergency meeting shall be posted at least twenty-four (24) hours in advance at the clerks' offices of the counties, cities and towns indicated above in accordance with the Colorado Open Meetings Act. The general nature of the business proposed to be transacted at, or the purpose of, any meeting of the Board of Directors shall be specified in the notices of such meeting where possible. The Board of Directors' ability to act on matters brought before it at a special meeting is restricted to those items specified in the notice.

5. Additional Notification. The Stewardship Council shall maintain a list of persons who, within the previous two years, have requested notification of all meetings, or of meetings with discussions of certain specified policies, and shall provide reasonable advance notification of such meetings to the individuals.

APPROVED AND ADOPTED THIS 6th DAY OF JUNE, 2022.

(SEAL)

ROCKY FLATS STEWARDSHIP COUNCIL

By: _____
Chair

ATTEST:

By: _____

# ROCKY FLATS STEWARDSHIP COUNCIL

P.O. Box 17670 (303) 412-1200
Boulder, CO 80308-0670
www.rockyflatssc.org



**MEMORANDUM**

**TO:** Board
**FROM:** David Abelson
**SUBJECT:** 2021 Stewardship Council Financial Audit
**DATE:** May 24, 2022

---

Attached for your review is Fiscal Focus Partners' draft 2021 financial audit of the Rocky Flats Stewardship Council. The auditors issued a clean audit. The Stewardship Council will formally accept the audit at the meeting.

The Stewardship Council is not required by state law or the DOE grant to secure an audit. However, an independent audit is an important check that confirms the Board and staff manage the finances in accordance with applicable laws and regulations.

**Action Item: Approve motion accepting Stewardship Council's 2021 audit**

**Rocky Flats Stewardship Council**

**FINANCIAL STATEMENTS**

**With Independent Auditor's Report**

**December 31, 2021**

**Rocky Flats Stewardship Council**

**BASIC FINANCIAL STATEMENTS**

**December 31, 2021**

FISCAL FOCUS PARTNERS LLC
CERTIFIED PUBLIC ACCOUNTANTS

INDEPENDENT AUDITOR'S REPORT

To the Board of Directors
Rocky Flats Stewardship Council
Boulder, Colorado

***Opinions***

We have audited the financial statements of the governmental activities and each major fund of Rocky Flats Stewardship Council (the Council), as of and for the year ended December 31, 2021, and the related notes to the financial statements, which collectively comprise the Council's basic financial statements as listed in the table of contents.

In our opinion, the accompanying financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities and each major fund of the Council as of December 31, 2021, and the respective changes in financial position thereof, and the respective budgetary comparison information for the general fund for the year then ended in accordance with accounting principles generally accepted in the United States of America.



***Basis for Opinions***

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Council, and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

***Responsibilities of Management for the Financial Statements***

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Council's ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.



Fiscal Focus Partners, LLC
5555 DTC Parkway, Suite 375, Greenwood Village, CO 80111
303.202.1800 www.ffpcpa.com

***Auditor's Responsibilities for the Audit of the Financial Statements***

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinions. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we

- exercise professional judgment and maintain professional skepticism throughout the audit.

- identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.

- obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Council's internal control. Accordingly, no such opinion is expressed.

- evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.

- conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Council's ability to continue as a going concern for a reasonable period of time.



We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

***Required Supplementary Information***

Management has omitted management’s discussion and analysis that accounting principles generally accepted in the United States of America require to be presented to supplement the basic financial statements. Such missing information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriated operational, economic, or historical context. Our opinions on the basic financial statements are not affected by tis missing information.

Greenwood Village, Colorado
March 17, 2022

**ROCKY FLATS STEWARDSHIP COUNCIL**

**STATEMENT OF NET POSITION**

**December 31, 2021**

| | Governmental Activities |
|---|---|
| **ASSETS** | |
| Cash and cash equivalents | $ 244,550 |
| **Total assets** | 244,550 |
| **LIABILITIES** | |
| Accounts payable | 12,974 |
| Unearned grant revenue | 28,489 |
| **Total liabilities** | 41,463 |
| **NET POSITION** | |
| Restricted for grant expenditures | 28,489 |
| Unrestricted | 174,598 |
| **Total net position** | $ 203,087 |

*The accompanying Notes to the Financial Statements are an integral part of these statements.*

**ROCKY FLATS STEWARDSHIP COUNCIL**

**STATEMENT OF ACTIVITIES**

**For the Year Ended December 31, 2021**

| Functions/Programs | Expenses | Program Revenue: Charges for Services | Program Revenue: Operating Grants and Contributions | Program Revenue: Capital Grants and Contributions | Net (Expense) Revenue and Changes in Net Position: Governmental Activities |
|---|---|---|---|---|---|
| Primary government | $ 126,939 | $ - | $ 126,940 | $ - | $ 1 |
| **Total primary government** | $ 126,939 | $ - | $ 126,940 | $ - | 1 |
| **General revenues:** | | | | | |
| Interest income | | | | | 22 |
| **Total general revenues** | | | | | 22 |
| **Change in net position** | | | | | 23 |
| **Net position - beginning** | | | | | 203,064 |
| **Net position - ending** | | | | | $ 203,087 |

*The accompanying Notes to the Financial Statements are an integral part of these statements.*

**ROCKY FLATS STEWARDSHIP COUNCIL**

**BALANCE SHEET**
**GOVERNMENTAL FUND**
**December 31, 2021**

| | General Fund | Total Governmental Funds |
|---|---|---|
| **ASSETS** | | |
| Cash and cash equivalents | $ 244,550 | $ 244,550 |
| **Total assets** | 244,550 | 244,550 |
| | | |
| **LIABILITIES AND FUND BALANCES** | | |
| **LIABILITIES** | | |
| Accounts payable | 12,974 | 12,974 |
| Unearned grant revenue | 28,489 | 28,489 |
| **Total liabilities** | 41,463 | 41,463 |
| | | |
| **FUND BALANCES** | | |
| Restricted for: | | |
| Grant expenditures | 28,489 | 28,489 |
| Unassigned: | | |
| General government | 174,598 | 174,598 |
| **Total fund balances** | 203,087 | 203,087 |
| | | |
| **Total liabilities and fund balances** | $ 244,550 | |
| | | |
| **Net position of governmental activities** | | $ 203,087 |

*The accompanying Notes to the Financial Statements are an integral part of these statements.*

**ROCKY FLATS STEWARDSHIP COUNCIL**

**STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE**
**GOVERNMENTAL FUND**

**For the Year Ended December 31, 2021**

| | Total General Fund and Governmental Funds |
|---|---|
| **REVENUES** | |
| Grants | $ 126,940 |
| Interest income | 22 |
| **Total revenues** | 126,962 |
| | |
| **EXPENDITURES** | |
| General government | |
| Annual audit | 4,000 |
| Accounting fees | 4,180 |
| Attorney fees | 13,597 |
| Administrative service | 257 |
| Insurance | 3,268 |
| Personnel - contract | 93,900 |
| Postage | 704 |
| Subscriptions/membership dues | 1,584 |
| Telecommunications | 1,700 |
| Travel - local | 304 |
| Travel - out of state | 3,089 |
| Website | 356 |
| **Total expenditures** | 126,939 |
| **Net change in fund balances** | 23 |
| **Fund balances - beginning** | 203,064 |
| **Fund balances - ending** | $ 203,087 |
| | |
| **Change in net position- Statement of Activities** | $ 23 |

*The accompanying Notes to the Financial Statements are an integral part of these statements.*

**ROCKY FLATS STEWARDSHIP COUNCIL**

**STATEMENT OF REVENUES, EXPENDITURES, AND CHANGES IN FUND BALANCE - BUDGET AND ACTUAL - GENERAL FUND**

**For the Year Ended December 31, 2021**

| | Original and Final Budget | Actual | Variance with Final Budget Favorable (Unfavorable) |
|---|---|---|---|
| **Revenues** | | | |
| U.S. Department of Energy - Office of Legacy Management | $ 139,000 | $ 126,940 | $ (12,060) |
| Contributions from local governments | 10,000 | - | (10,000) |
| Carry over - Rocky Flats Coalition of Local Governments | 7,100 | - | (7,100) |
| Interest income | - | 22 | 22 |
| **Total revenues** | 156,100 | 126,962 | (29,138) |
| **Expenditures** | | | |
| General government | | | |
| Personnel | 93,000 | 93,900 | (900) |
| Travel | 7,300 | 3,393 | 3,907 |
| Equipment | 500 | - | 500 |
| Supplies | 1,200 | - | 1,200 |
| Contractual | 39,500 | 22,034 | 17,466 |
| Insurance | 4,000 | 3,268 | 732 |
| Postage | 1,500 | 704 | 796 |
| Printing | 2,000 | - | 2,000 |
| Subscriptions/membership dues | 2,400 | 1,584 | 816 |
| Telecomunications | 2,700 | 1,700 | 1,000 |
| Website | 2,000 | 356 | 1,644 |
| **Total expenditures** | 156,100 | 126,939 | 29,161 |
| **Net change in fund balance** | - | 23 | 23 |
| **Fund balance - beginning of year** | 177,989 | 203,064 | 25,075 |
| **Fund balance - end of year** | $ 177,989 | $ 203,087 | $ 25,098 |

*The accompanying Notes to the Financial Statements are an integral part of these statements.*

## Note 1 – Summary of significant accounting policies

### Reporting entity

The Rocky Flats Stewardship Council (Council) was organized on February 13, 2006 through an Intergovernmental Agreement (IGA) by and among the following governments: the City and County of Broomfield, the Counties of Jefferson and Boulder, the Cities of Arvada, Boulder, Golden, Northglenn, Thornton, and Westminster, and the Town of Superior. All jurisdictions are located adjacent to or near the former U.S. Department of Energy's Rocky Flats weapons plant. All jurisdictions are permanent parties, with continuous representation on the Board of Directors. The Council was organized as the successor organization to the Rocky Flats Coalition of Local Governments (Coalition), also formed through an IGA, which concluded its existence shortly following the organization of the Council, having fulfilled its purpose in connection with the closure of the Rocky Flats Site.

The Council was formed for the purpose of overseeing all post-closure Rocky Flats activities. The legislative and administrative power of the Council is vested with a Board of Directors not to exceed 14 voting members. Members are community stakeholder representatives, selected by the remaining Board of Directors upon application, and have a right to appoint a Director to the Board.

Under the terms of the IGA, the status of the Council is to be reviewed periodically by the local governments which are parties to the agreement to determine whether the Council will continue in existence. Also under the terms of the IGA, the Council is established as an "enterprise", as defined by Article X, Section 20 of the Colorado constitution, commonly referred to as the Taxpayer's Bill of Rights, or Tabor (Note 7).

The Council has no employees and all operations and administrative functions are contracted.

The Council follows the Governmental Accounting Standards Board (GASB) accounting pronouncements which provide guidance for determining which governmental activities, organizations and functions should be included within the financial reporting entity. GASB pronouncements set forth the financial accountability of a governmental organization's elected governing body as the basic criterion for including a possible component governmental organization in a primary government's legal entity. Financial accountability includes, but is not limited to, appointment of a voting majority of the organization's governing body, ability to impose its will on the organization, a potential for the organization to provide specific financial benefits or burdens and fiscal dependency.

As of December 31, 2021, no component unit has been identified as reportable to the Council, nor is the Council a component unit of any other primary governmental entity.

**Government-wide and fund financial statements**

The statement of net position reports all financial and capital resources of the Council. The difference between the assets and liabilities of the Council is reported as net position.

The statement of activities demonstrates the degree to which the direct and indirect expenses of a given function or segment is offset by program revenues. Direct expenses are those that are clearly identifiable with a specific function or segment. Program revenues include 1) charges to customers or applicants who purchase, use, or directly benefit from goods, services or privileges provided by a given function or segment, and 2) grants and contributions that are restricted to meeting the operational or capital requirements of a particular function or segment. Taxes and other items not properly included among program revenues are reported instead as general revenues.

Separate financial statements are provided for governmental funds. Major individual governmental funds are reported as separate columns in the fund financial statements.

**Measurement focus, basis of accounting and financial statement presentation**

The government-wide financial statements are reported using the *economic resources measurement focus* and the *accrual basis of accounting*. Revenues are recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows. Expenditures for property and equipment are shown as increases in assets.

Governmental fund financial statements are reported using the *current financial resources measurement focus* and the *modified accrual basis of accounting*. Revenues are recognized as soon as they are both measurable and available. Revenues are considered to be available when they are collectible within the current period or soon enough thereafter to pay liabilities of the current period. For this purpose, the government considers revenues to be available if they are collected within 60 days of the end of the current fiscal period. Expenditures generally are recorded when a liability is incurred, as under accrual accounting.

Eligible grant receipts and interest associated with the current fiscal period are all considered to be susceptible to accrual and so have been recognized as revenues of the current fiscal period. Other revenue items are considered to be measurable and available only when the Council receives cash.

The government reports the following major governmental fund:

> *The general fund* is the Council's primary operating fund. It accounts for all financial resources of the general government.

When both restricted and unrestricted resources are available for use, it is the Council's policy to use restricted resources first, then unrestricted resources as they are needed.

**Use of estimates**

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires Council management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenditures during the reporting period. Actual results could differ from those estimates.

**Cash and cash equivalents**

The Council's cash and cash equivalents are considered to be cash on hand, demand deposits and short-term investments with maturities of three months or less.

**Capital assets**

Capital assets, which include furniture and equipment, are reported in the government-wide financial statements. Capital assets are defined by the Council as assets with an initial, individual cost of more than $250. Such assets are recorded at historical cost if purchased or constructed. Donated capital assets are recorded at acquisition value at the date of donation.

The cost of normal maintenance and repairs that do not add to the value of the asset or materially extend the life of the asset are not capitalized. Improvements are capitalized and depreciated over the remaining useful lives of the related fixed assets, as applicable. Depreciation expense is computed using the straight-line method for all assets, based on the estimated useful lives of the assets, estimated at 3 years.

**Fund equity**

Fund balance for governmental funds should be reported in classifications that comprise a hierarchy based on the extent to which the government is bound to honor constraints on the specific purposes for which spending can occur. Governmental funds report up to five classifications of fund balance: non-spendable, restricted, committed, assigned, and unassigned. Because circumstances differ among governments, not every government or every governmental fund will present all of these components. The following classifications describe the relative strength of spending constraints:

Non-spendable fund balance – The portion of fund balance that cannot be spent because it is either not in spendable form (such as inventory) or is legally or contractually required to be maintained intact.

Restricted fund balance – The portion of fund balance constrained to being used for a specific purpose by external parties (such as grantors or bondholders), constitutional provisions or enabling legislation.

Committed fund balance – The portion of fund balance constrained for specific purposes according to limitations imposed by the Council's highest level of decision making authority, the Board of Directors, prior to the end of the current fiscal year. The constraint may be removed or changed only through formal action of the Board of Directors.

Assigned fund balance – The portion of fund balance that is constrained by the government's intent to be used for specific purposes, but is neither restricted nor committed. Intent is expressed by the Board of Directors to be used for a specific purpose. Constraints imposed on the use of assigned amounts are more easily removed or modified than those imposed on amounts that are classified as committed.

Unassigned fund balance – The residual portion of fund balance that does not meet any of the above criteria.

If more than one classification of fund balance is available for use when an expenditure is incurred, it is the Council's policy to use the most restrictive classification first.

As of December 31, 2021, the Council had $28,489 restricted by grantors for expenses connected with monitoring of post-closure Rocky Flats activities. The remaining balance of $174,598 is considered by the Council to be unassigned.

**Budgetary information**

Annual budgets are adopted on a basis consistent with generally accepted accounting principles for all governmental funds. In accordance with the Colorado State Budget Law, the Council's Board of Directors follows these procedures in establishing the budgetary data reflected in the financial statements:

1. On or before October 15, the Board prepares a proposed operating budget for each fund, based on their respective basis of accounting, for the fiscal year commencing the following January 1. The operating budget includes proposed expenditures and the means of financing them.
2. After considering comments received, the Board approves the budget. The budget is formally adopted by resolution, published, and filed with the state.
3. Before December 31, the expenditures are appropriated for the ensuing year. The appropriation is at the total fund level and lapses at year-end.

**Note 2 – Cash and Investments**

Cash and investments as of December 31, 2021 are classified in the accompanying statements as follows:

| | |
|---|---|
| Statement of net position: | |
| Cash and cash equivalents | $ 244,550 |

Deposits with Financial Institutions

Colorado statutes require that the Council use eligible public depositories as defined by the Colorado Public Deposit Protection Act (the Act). Under the Act, amounts on deposit in excess of federal insurance levels must be collateralized. The eligible collateral is determined by the Act and allows the institution to create a single collateral pool for all public funds. The pool is to be maintained by another institution or held in trust for all the uninsured public deposits as a group. The market value of the collateral must be at least equal to 102% of the aggregate uninsured deposits.

The State Regulatory Commissions for banks and financial services are required by Statute to monitor the naming of eligible depositories and reporting of the uninsured deposits and assets maintained in the collateral pools.

At December 31, 2021, all of the Council's deposits were covered by insurance provided by the federal government. The Council was not subject to custodial credit risk at December 31, 2021.

The Council's cash deposits at December 31, 2021 are as follows:

| | Carrying Balance | Bank Balance |
|---|---|---|
| Deposits with financial institutions | $ 244,550 | $ 244,760 |
| Total cash and cash equivalents | $ 244,550 | $ 244,760 |

Investments

The Council has not adopted a formal investment policy, however, the Council follows state statutes regarding investments. Colorado Revised Statutes limit investment maturities to five years or less unless formally approved by the Board of Directors. Such actions are generally associated with a debt service reserve or sinking fund requirements.

Colorado statutes specify investment instruments meeting defined rating and risk criteria in which local governments may invest which include:

- Obligations of the United States, certain U.S. government agencies securities and securities of the World Bank
- General obligation and revenue bonds of U.S. local government entities
- Bankers' acceptance of certain banks
- Commercial paper
- Local government investment pools
- Guaranteed investment contracts
- Written repurchase agreements and certain reverse repurchase agreements collateralized by certain authorized securities
- Certain money market funds

As of December 31, 2021, the Council had no investments.

**Note 3 – Capital Assets**

An analysis of the changes in capital assets for the year ended December 31, 2021 follows:

| | Balance 12/31/20 | Additions | Deletions | Balance 12/31/21 |
|---|---|---|---|---|
| Capital assets being depreciated: | | | | |
| Furniture and equipment | $ 442 | $ – | $ – | $ 442 |
| Total capital assets | 442 | – | – | 442 |
| Accumulated depreciation | (442) | – | – | (442) |
| Capital assets, net | $ – | $ – | $ – | $ – |

**Note 4 – Net position**

The Council has net position consisting of three components – net investment in capital assets, restricted, and unrestricted.

Net investment in capital assets consists of capital assets, net of accumulated depreciation. As of December 31, 2021, the Council had no net investment in capital assets.

Restricted assets include net position that are restricted for use either externally imposed by creditors, grantors, contributors, or laws and regulations of other governments or imposed by law through constitutional provisions or enabling legislation. As of December 31, 2021, the Council had $28,489 of restricted net position.

As of December 31, 2021, the Council had unrestricted net position of $174,598.

**Note 5 - Risk management**

The Council is exposed to various risks of loss related to torts, thefts of, damage to, or destruction of assets, errors or omissions, injuries to personnel, or natural disasters. The Council maintains commercial insurance for all risks of loss. Settled claims have not exceeded the commercial insurance coverage limits in any of the past three years.

**Note 6 - Concentration**

The Council receives the majority of its funding through a grant from the U.S. Department of Energy (DOE). The DOE grant has a current expiration date of February 28, 2027.

**Note 7 - Tax, spending and debt limitation**

Article X, Section 20 of the Colorado Constitution, referred to as the Taxpayer's Bill of Rights (TABOR), contains tax, spending, revenue, and debt limitations which apply to the State of Colorado and all local governments.

Spending and revenue limits are determined based on the prior year's Fiscal Year Spending adjusted for allowable increases based upon inflation and local growth. Fiscal Year Spending is generally defined as expenditures plus reserve increases with certain exceptions. Revenue in excess of the Fiscal Year Spending limit must be refunded unless the voters approve retention of such revenue.

TABOR requires local governments to establish Emergency Reserves. These reserves must be at least 3% of Fiscal Year Spending (excluding bonded debt service). Local governments are not allowed to use the Emergency Reserves to compensate for economic conditions, revenue shortfalls, or salary or benefit increases

As an enterprise (Note 1), management believes that the Council is exempt from the provisions of TABOR. However, TABOR is complex and subject to interpretation. Ultimate implementation may depend upon litigation and legislative guidance.

# DOE Annual Report Briefing

- Cover memo
- Excerpts of the annual report

# ROCKY FLATS STEWARDSHIP COUNCIL

P.O. Box 17670 (303) 412-1200
Boulder, CO 80308-0670
www.rockyflatssc.org

Jefferson County ~ Boulder County ~ City and County of Broomfield ~ City of Arvada ~ City of Boulder
City of Golden ~ City of Northglenn ~ City of Thornton ~ City of Westminster ~ Town of Superior
League of Women Voters ~ Rocky Flats Cold War Museum ~ Rocky Flats Homesteaders
Kim Griffiths

## MEMORANDUM

**TO:** Stewardship Council Board of Directors
**FROM:** Melissa Weakley
**SUBJECT:** DOE's Quarterly Report Briefing
**DATE:** May 24, 2022

---

DOE will present an overview its *2021 Annual Report of Site Surveillance and Maintenance Activities*, which can be accessed here: https://lmpublicsearch.lm.doe.gov/lmsites/s38162_rfs_cy21.pdf. Annual Report highlights are included below.

- **Site-Wide/Central Operable Unit (COU):**
  - The annual Site-wide inspection was conducted on May 24. No evidence of violations of the institutional or physical controls was observed. No adverse biological conditions (e.g., unexpected mortalities) were observed.
  - The former building areas (B371, B771, B881, and B991) were inspected each quarter and after major precipitation events. No significant changes (e.g., excess erosion or subsidence) noted.
  - In fall 2021, onsite roads were maintained, two rock crossings were added, several existing rock crossings were cleaned out, a roadside ditch lined with erosion controls was installed to the east of the Original Landfill, and dust suppressant was applied on the primary routes to enhance long-term dust control.

- **Present Landfill (PLF)**: The PLF was inspected quarterly and after significant precipitation events. No significant issues were observed.

- **Original Landfill (OLF)**: The OLF was inspected monthly and after significant precipitation events. Minor maintenance of the OLF cover was conducted throughout the year to fill shallow surface depressions and erosion rills as they were identified.

- **North Walnut Creek Slump (NWCS):** The hillside east of the Solar Ponds Plume Treatment System is the site of a slump (the NWCS) that is monitored as a best management practice.
  - Slump movement continued through 2021. The hillside has moved from 3 to almost 6 feet along the scarp since the hillside was regraded in 2017.
  - Groundwater elevations continued to be measured via piezometers installed at the NWCS.

- **Groundwater Treatment Systems (East Trenches Plume Treatment System, Mound Site Plume Collection System, Solar Ponds Plume Treatment System, and Present Landfill Treatment System):**

- DOE is in the process of procuring of a design subcontractor to conduct final testing and design of a full-scale uranium treatment component at the Solar Ponds Plume Treatment System (contract award anticipated in 2022, project completion anticipated by 2024).
- The East Trenches Plume Treatment System effluent discharge line clogged with scale in October. A temporary replacement was installed (see attached Table 1). A more permanent replacement of this line and the associated discharge gallery is planned for 2022.

- **Groundwater Monitoring** (see attached Monitoring Location figure):
  - There were no reportable conditions at any Area of Concern (AOC) wells. Results from two AOC wells in the fourth quarter of 2021, however, exceeded RFLMA targets (see below). If this result reoccurs in the second quarter of 2022, reportable conditions will be triggered and consultation among the RFLMA Parties will be conducted.
    - Well 10304, located in the Woman Creek drainage downgradient of the 903 Pad, contained trichloroethene (TCE) above the RFLMA standard (8.2 µg/L, compared to the standard of 2.5 µg/L). Elevated TCE in this well has occurred in the past.
    - Well B206989, located east of the PLF (on the northern boundary of the COU), contained uranium above the RFLMA threshold (130 µg/L, compared to the threshold of 120 µg/L). This well was above the standard in 2006. Uranium in this well, however, has been characterized as over 99.9% naturally occurring.
  - Monitoring results are attached to this memo for the Board's and the public's convenience and to highlight the extent of the testing program.

- **Surface Water Monitoring:**
  - A total of 124 samples were collected from routine sampling locations (see attached Monitoring Location figure).
  - Analyte concentrations at all Point of Compliance (POC) monitoring locations (WALPOC on Walnut Creek and WOMPOC on Woman Creek) were below reportable conditions in 2021.
  - Two reportable conditions occurred at Point of Evaluation (POE) monitoring locations in April (see below), which the Board discussed at the November 1 meeting (see attached Table 1). Both reportable conditions had ended as of May 31, 2021.
    - A reportable condition occurred at POE GS10 for the 12-month rolling average uranium concentration.
    - A reportable condition occurred at POE SW027 for the 12-month rolling average plutonium concentration.
  - All other POE analyte concentrations remained below reportable levels throughout 2021.
  - Surface water monitoring results are attached to this memo.

- **Ecological Monitoring:** Revegetation and wetland monitoring activities were conducted.
  - Revegetation efforts continue to be successful; approximately 136 acres were treated with herbicides to control noxious weeds.
  - No active black-tailed prairie dog towns were observed within the Site boundaries.

**Attachments**

2021 Annual Report Cover Page, Table of Contents, and Abbreviations
Overview of 2021 Contact Records (Table 1)
Rocky Flats Site Water Monitoring Locations
Analytical Results for Water Samples

LMS/RFS/S38162

# Annual Report of Site Surveillance and Maintenance Activities at the Rocky Flats Site, Colorado

## Calendar Year 2021

## *Overview*

**April 2022**

U.S. DEPARTMENT OF ENERGY | Legacy Management

# Contents



# Figure



# Table



# Appendixes

# Abbreviations

| | |
|---|---|
| AOC | Area of Concern |
| BMP | best management practice |
| CAD/ROD | Corrective Action Decision/Record of Decision |
| CDPHE | Colorado Department of Public Health and Environment |
| CERCLA | Comprehensive Environmental Response, Compensation, and Liability Act |
| COU | Central Operable Unit |
| CR | contact record |
| CY | calendar year |
| DOE | U.S. Department of Energy |
| EPA | U.S. Environmental Protection Agency |
| ETPTS | East Trenches Plume Treatment System |
| FR | *Federal Register* |
| IC | institutional control |
| LM | Office of Legacy Management |
| MSPCS | Mound Site Plume Collection System |
| NOIPD | Notice of Intent for Partial Deletion |
| NPL | National Priorities List |
| NWCS | North Walnut Creek Slump |
| OLF | Original Landfill |
| OU | operable unit |
| PLF | Present Landfill |
| POE | Point of Evaluation |
| POU | Peripheral Operable Unit |
| RFCA | *Final Rocky Flats Cleanup Agreement* |
| RFLMA | *Rocky Flats Legacy Management Agreement* |
| SPPTS | Solar Ponds Plume Treatment System |
| TRM | turf reinforcement mat |
| WPC | West Perimeter Channel |

*Table 1. Actions Approved or Under Evaluation by the RFLMA Parties*

| Activity | Status as of January 7, 2022 | CR No./ CP Date | Approval Date |
|---|---|---|---|
| Nonroutine road maintenance work | **Actions Implemented.** This project included nonroutine scope elements that were in addition to the annual maintenance of the site roads. Two rock crossings were installed within the access road to the East Shed and a lined roadside ditch east of the OLF was installed along the access road toward Woman Creek. | 2021-01 | 09/02/2021 |
| Reportable condition for uranium at POE GS10 | **Actions Implemented.** These actions regard the reportable condition for the 12-month rolling average for plutonium at Point of Evaluation (POE) GS10, which exceeded the applicable RFLMA Table 1 standard of 16.8 micrograms per liter. DOE provided notification of this reportable condition to the agencies and the public via email on June 8, 2021. | 2021-02 | 11/02/2021 |
| Reportable condition for plutonium at POE SW027 | **Evaluation Ongoing.** These actions regard the reportable condition for the 12-month rolling average for plutonium at POE SW027, which exceeded the applicable RFLMA Table 1 standard of 0.15 picocuries per liter. DOE provided notification of this reportable condition to the agencies and the public via email on June 14, 2021. Monitoring continues at POE SW027 and at the downstream Point of Compliance WOMPOC. Supplemental monitoring also continues at tributary location GS51 (former 903 Pad area). Vegetation and erosion controls upstream of location GS51 continued to be evaluated and maintained. | 2021-03 | TBD |
| ETPTS discharge line replacement | **Actions Implemented.** A line associated with ETPTS effluent line became clogged with calcium scale causing a system pump to burn-out. DOE notified the RFLMA Parties of the ETPTS status, provided details regarding the impact, and planned a response. After receiving verbal approval, approximately 13 feet of subsurface effluent line was replaced. | 2021-04 | 12/13/2021 |
| ETPTS discharge gallery replacement | **Actions Implemented.** This project was to replace or remove components of the ETPTS discharge gallery and effluent lines. The components included all effluent piping from the flow control vault and included the discharge gallery. The only component that was removed and not replaced was the former effluent metering manhole, which was between the flow control vault and the discharge gallery. | 2021-05 | 01/07/2022 |
| Minor modifications to the OLF inspection form | **Actions Ongoing.** Approval of this CR allowed the use of a modified inspection form for OLF inspections. Use of the modified inspection form began after approval of the CR. The OLF M&M Plan will be revised to adopt the modified form (anticipated in 2022) now that long-term hillside stabilization measures are in place at the landfill. | 2018-02 | 02/20/2018 |

*Table 1. Actions Approved or Under Evaluation by RFLMA Parties (continued)*

| Activity | Status as of January 7, 2022 | CR No./ CP Date | Approval Date |
|---|---|---|---|
| NWCS 2017 maintenance | **Actions Implemented.** The project activities described in CR 2017-03 were conducted from early spring 2017 through the end of 2017. The bulk of field activities for the geotechnical drilling portion of the project were completed in December 2017; however, three inclinometers were installed as a field change in early January 2018. This field change was approved by CDPHE in late December 2017 (Field Change Concurrence 121917). This project is part of the larger NWCS slope stabilization effort scheduled for completion in 2023–2024. | 2017-03 | 3/27/2017 |

**Notes:**

**Actions Implemented** means that the original activities (e.g., installation of wells, treatment system upgrades) authorized by the approved CR have been completed and installation of erosion controls, reseeding, or both is in progress or completed. This designation does not necessarily signify that the larger project (i.e., follow-on actions or data evaluation) that may be authorized by different CRs has been completed. For example, if a CR approved the installation of piezometers for collection of water-level measurements, the **Actions Implemented** designation simply means that the piezometers were installed, not that data collection or evaluation of data for the project is complete.

**Actions Ongoing** means that the original activities (e.g., installation of wells, treatment system upgrades) authorized by the approved CR are in progress.

**Evaluation Ongoing** typically applies to CRs documenting reportable conditions. This designation means that the actions (e.g., additional sampling, mitigating actions) included in the plan and schedule for the evaluation of the approved CR for the reportable condition are still in progress.

**Abbreviations:**

CP = consultation posting
ETPTS = East Trenches Plume Treatment System
NWCS = North Walnut Creek Slump
TBD = to be determined

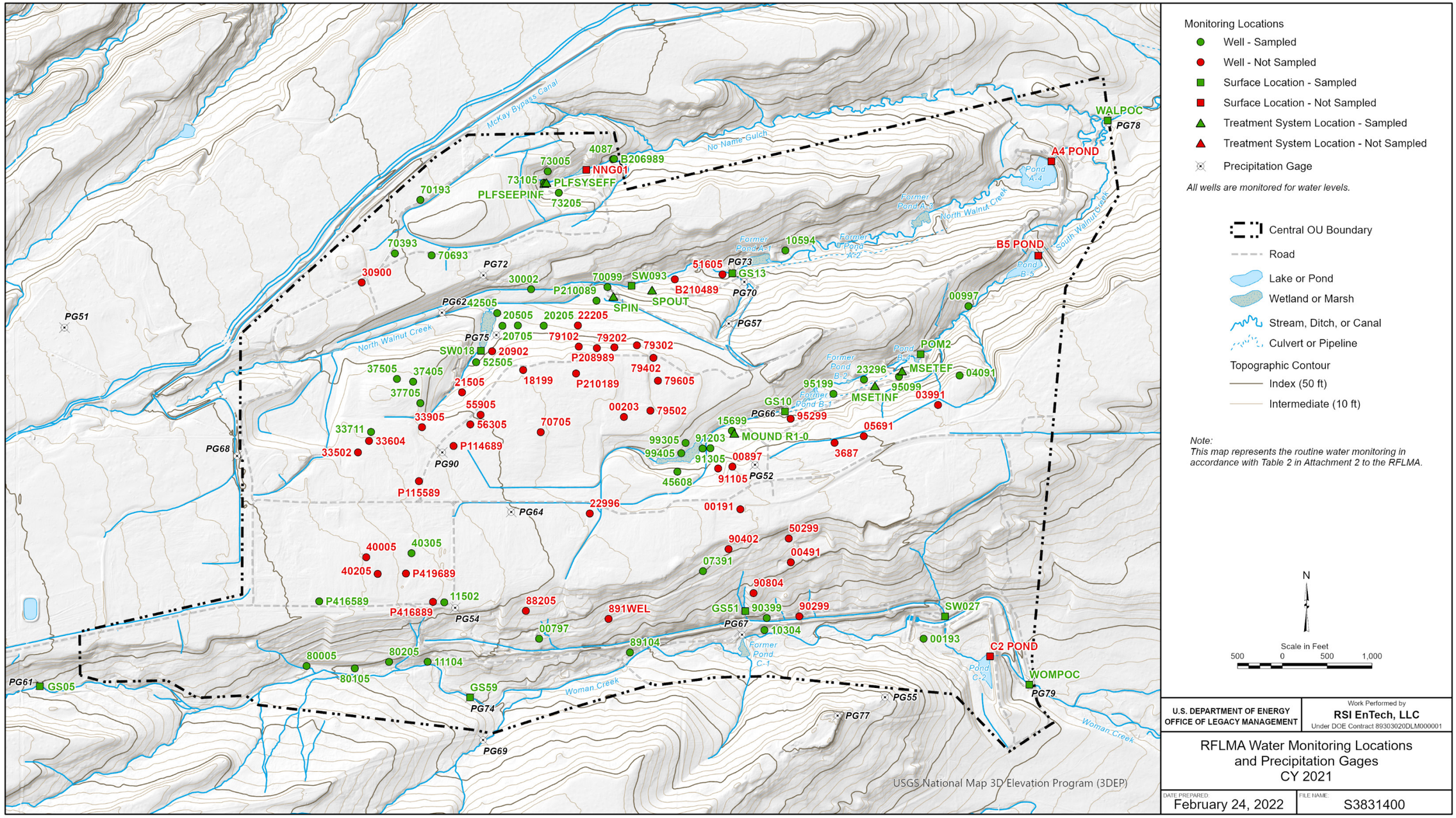


*Figure 1. Rocky Flats Site Water Monitoring Locations and Precipitation Gages in 2021*

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00193 | WL | 10/18/2021 | RFS01-10.2110038-001 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 00193 | WL | 10/18/2021 | RFS01-10.2110038-001 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 00193 | WL | 10/18/2021 | RFS01-10.2110038-001 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| 00193 | WL | 10/18/2021 | RFS01-10.2110038-001 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | F | 0.23 | | FQ | G | STD |
| 00193 | WL | 10/18/2021 | RFS01-10.2110038-001 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 00193 | WL | 10/18/2021 | RFS01-10.2110038-001 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 00193 | WL | 10/18/2021 | RFS01-10.2110038-001 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 00193 | WL | 10/18/2021 | RFS01-10.2110038-001 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |
| 00193 | WL | 10/18/2021 | RFS01-10.2110038-001 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 00193 | WL | 10/18/2021 | RFS01-10.2110038-001 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 00193 | WL | 10/18/2021 | RFS01-10.2110038-001 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 00193 | WL | 10/18/2021 | RFS01-10.2110038-001 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | FQ | G | STD |
| 00193 | WL | 10/18/2021 | RFS01-10.2110038-001 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 00193 | WL | 10/18/2021 | RFS01-10.2110038-001 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 00193 | WL | 10/18/2021 | RFS01-10.2110038-001 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 00193 | WL | 10/18/2021 | RFS01-10.2110038-001 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | FQ | G | STD |
| 00193 | WL | 10/18/2021 | RFS01-10.2110038-001 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 00193 | WL | 10/18/2021 | RFS01-10.2110038-001 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 00193 | WL | 10/18/2021 | RFS01-10.2110038-001 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 00193 | WL | 10/18/2021 | RFS01-10.2110038-001 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | FQ | G | STD |
| 00193 | WL | 10/18/2021 | RFS01-10.2110038-001 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | F | 0.22 | | FQ | G | STD |
| 00193 | WL | 10/18/2021 | RFS01-10.2110038-001 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 00193 | WL | 10/18/2021 | RFS01-10.2110038-001 | 127-18-4 | Tetrachloroethene | N | 0.2 | ug/L | U | F | 0.2 | | FQ | G | STD |
| 00193 | WL | 10/18/2021 | RFS01-10.2110038-001 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 00193 | WL | 10/18/2021 | RFS01-10.2110038-001 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 00193 | WL | 10/18/2021 | RFS01-10.2110038-001 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 00193 | WL | 10/18/2021 | RFS01-10.2110038-001 | 79-01-6 | Trichloroethene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 00193 | WL | 10/18/2021 | RFS01-10.2110038-001 | 7440-61-1 | Uranium | Y | 83 | ug/L | | F | 0.05 | | FJQ | G | STD |
| 00193 | WL | 10/18/2021 | RFS01-10.2110038-001 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | FQ | G | STD |
| 00797 | WL | 10/18/2021 | RFS01-10.2110038-003 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 00797 | WL | 10/18/2021 | RFS01-10.2110038-003 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 00797 | WL | 10/18/2021 | RFS01-10.2110038-003 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| 00797 | WL | 10/18/2021 | RFS01-10.2110038-003 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | F | 0.23 | | FQ | G | STD |
| 00797 | WL | 10/18/2021 | RFS01-10.2110038-003 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 00797 | WL | 10/18/2021 | RFS01-10.2110038-003 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 00797 | WL | 10/18/2021 | RFS01-10.2110038-003 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 00797 | WL | 10/18/2021 | RFS01-10.2110038-003 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |
| 00797 | WL | 10/18/2021 | RFS01-10.2110038-003 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 00797 | WL | 10/18/2021 | RFS01-10.2110038-003 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 00797 | WL | 10/18/2021 | RFS01-10.2110038-003 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 00797 | WL | 10/18/2021 | RFS01-10.2110038-003 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | FQ | G | STD |
| 00797 | WL | 10/18/2021 | RFS01-10.2110038-003 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 00797 | WL | 10/18/2021 | RFS01-10.2110038-003 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 00797 | WL | 10/18/2021 | RFS01-10.2110038-003 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 00797 | WL | 10/18/2021 | RFS01-10.2110038-003 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | FQ | G | STD |
| 00797 | WL | 10/18/2021 | RFS01-10.2110038-003 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 00797 | WL | 10/18/2021 | RFS01-10.2110038-003 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 00797 | WL | 10/18/2021 | RFS01-10.2110038-003 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 00797 | WL | 10/18/2021 | RFS01-10.2110038-003 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | FQ | G | STD |
| 00797 | WL | 10/18/2021 | RFS01-10.2110038-003 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | F | 0.22 | | FQ | G | STD |
| 00797 | WL | 10/18/2021 | RFS01-10.2110038-003 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 00797 | WL | 10/18/2021 | RFS01-10.2110038-003 | 127-18-4 | Tetrachloroethene | N | 0.2 | ug/L | U | F | 0.2 | | FQ | G | STD |
| 00797 | WL | 10/18/2021 | RFS01-10.2110038-003 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 00797 | WL | 10/18/2021 | RFS01-10.2110038-003 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 00797 | WL | 10/18/2021 | RFS01-10.2110038-003 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00797 | WL | 10/18/2021 | RFS01-10.2110038-003 | 79-01-6 | Trichloroethene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 00797 | WL | 10/18/2021 | RFS01-10.2110038-003 | 7440-61-1 | Uranium | Y | 60 | ug/L | | F | 0.05 | | FQ | G | STD |
| 00797 | WL | 10/18/2021 | RFS01-10.2110038-003 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-005 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-019 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | D | 0.16 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-005 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-019 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | D | 0.21 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-005 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-019 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | D | 0.27 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-005 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | F | 0.23 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-019 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | D | 0.23 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-005 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-019 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | D | 0.21 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-005 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-019 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | D | 0.15 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-005 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-019 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | D | 0.13 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-005 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-019 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | D | 0.18 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-005 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-019 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | D | 0.13 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-005 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-019 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | D | 0.16 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-005 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-019 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | D | 0.16 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-005 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-019 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | D | 0.46 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-005 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-019 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | D | 0.19 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-005 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-019 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | D | 0.17 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-005 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-019 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | D | 0.16 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-005 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-019 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | D | 0.3 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-005 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-019 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.15 | ug/L | U | D | 0.15 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-005 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-019 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | D | 0.16 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-005 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-019 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | D | 0.36 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-005 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-019 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | D | 0.94 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-005 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | F | 0.22 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-019 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | D | 0.22 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-005 | NO3+NO2 AS N | Nitrate + Nitrite as Nitrogen | N | 0.55 | mg/L | | F | 0.019 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-019 | NO3+NO2 AS N | Nitrate + Nitrite as Nitrogen | N | 0.58 | mg/L | | D | 0.019 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-005 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-019 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | D | 0.36 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-005 | 127-18-4 | Tetrachloroethene | N | 0.2 | ug/L | U | F | 0.2 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-019 | 127-18-4 | Tetrachloroethene | N | 0.2 | ug/L | U | D | 0.2 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-005 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-019 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | D | 0.17 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-005 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-019 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | D | 0.19 | | FQ | G | STD |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-005 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-019 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | D | 0.15 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-005 | 79-01-6 | Trichloroethene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-019 | 79-01-6 | Trichloroethene | N | 0.16 | ug/L | U | D | 0.16 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-005 | 7440-61-1 | Uranium | Y | 22 | ug/L | | F | 0.05 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-019 | 7440-61-1 | Uranium | Y | 23 | ug/L | | D | 0.05 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-005 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | FQ | G | STD |
| 00997 | WL | 11/16/2021 | RFS01-10.2111039-019 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | D | 0.1 | | FQ | G | STD |
| 4087 | WL | 10/19/2021 | RFS01-10.2110038-027 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 4087 | WL | 10/19/2021 | RFS01-10.2110038-027 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 4087 | WL | 10/19/2021 | RFS01-10.2110038-027 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| 4087 | WL | 10/19/2021 | RFS01-10.2110038-027 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | F | 0.23 | | FQ | G | STD |
| 4087 | WL | 10/19/2021 | RFS01-10.2110038-027 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 4087 | WL | 10/19/2021 | RFS01-10.2110038-027 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 4087 | WL | 10/19/2021 | RFS01-10.2110038-027 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 4087 | WL | 10/19/2021 | RFS01-10.2110038-027 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |
| 4087 | WL | 10/19/2021 | RFS01-10.2110038-027 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 4087 | WL | 10/19/2021 | RFS01-10.2110038-027 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 4087 | WL | 10/19/2021 | RFS01-10.2110038-027 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 4087 | WL | 10/19/2021 | RFS01-10.2110038-027 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | FQ | G | STD |
| 4087 | WL | 10/19/2021 | RFS01-10.2110038-027 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 4087 | WL | 10/19/2021 | RFS01-10.2110038-027 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 4087 | WL | 10/19/2021 | RFS01-10.2110038-027 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 4087 | WL | 10/19/2021 | RFS01-10.2110038-027 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | FQ | G | STD |
| 4087 | WL | 10/19/2021 | RFS01-10.2110038-027 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 4087 | WL | 10/19/2021 | RFS01-10.2110038-027 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 4087 | WL | 10/19/2021 | RFS01-10.2110038-027 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 4087 | WL | 10/19/2021 | RFS01-10.2110038-027 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | FQ | G | STD |
| 4087 | WL | 10/19/2021 | RFS01-10.2110038-027 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | F | 0.22 | | FQ | G | STD |
| 4087 | WL | 10/19/2021 | RFS01-10.2110038-027 | NO3+NO2 AS N | Nitrate + Nitrite as Nitrogen | N | 0.094 | mg/L | | F | 0.019 | | FQ | G | STD |
| 4087 | WL | 10/19/2021 | RFS01-10.2110038-027 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 4087 | WL | 10/19/2021 | RFS01-10.2110038-027 | 127-18-4 | Tetrachloroethene | N | 0.2 | ug/L | U | F | 0.2 | | FQ | G | STD |
| 4087 | WL | 10/19/2021 | RFS01-10.2110038-027 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 4087 | WL | 10/19/2021 | RFS01-10.2110038-027 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 4087 | WL | 10/19/2021 | RFS01-10.2110038-027 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 4087 | WL | 10/19/2021 | RFS01-10.2110038-027 | 79-01-6 | Trichloroethene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 4087 | WL | 10/19/2021 | RFS01-10.2110038-027 | 7440-61-1 | Uranium | Y | 30 | ug/L | | F | 0.05 | | FJQ | G | STD |
| 4087 | WL | 10/19/2021 | RFS01-10.2110038-027 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | FQ | G | STD |
| 04091 | WL | 10/18/2021 | RFS01-10.2110038-007 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 04091 | WL | 10/18/2021 | RFS01-10.2110038-007 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 04091 | WL | 10/18/2021 | RFS01-10.2110038-007 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| 04091 | WL | 10/18/2021 | RFS01-10.2110038-007 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | F | 0.23 | | FQ | G | STD |
| 04091 | WL | 10/18/2021 | RFS01-10.2110038-007 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 04091 | WL | 10/18/2021 | RFS01-10.2110038-007 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 04091 | WL | 10/18/2021 | RFS01-10.2110038-007 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 04091 | WL | 10/18/2021 | RFS01-10.2110038-007 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |
| 04091 | WL | 10/18/2021 | RFS01-10.2110038-007 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 04091 | WL | 10/18/2021 | RFS01-10.2110038-007 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 04091 | WL | 10/18/2021 | RFS01-10.2110038-007 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 04091 | WL | 10/18/2021 | RFS01-10.2110038-007 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | FQ | G | STD |
| 04091 | WL | 10/18/2021 | RFS01-10.2110038-007 | 56-23-5 | Carbon tetrachloride | N | 0.21 | ug/L | J | F | 0.19 | | FQ | G | STD |
| 04091 | WL | 10/18/2021 | RFS01-10.2110038-007 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 04091 | WL | 10/18/2021 | RFS01-10.2110038-007 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 04091 | WL | 10/18/2021 | RFS01-10.2110038-007 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | FQ | G | STD |
| 04091 | WL | 10/18/2021 | RFS01-10.2110038-007 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 04091 | WL | 10/18/2021 | RFS01-10.2110038-007 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 04091 | WL | 10/18/2021 | RFS01-10.2110038-007 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 04091 | WL | 10/18/2021 | RFS01-10.2110038-007 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | FQ | G | STD |
| 04091 | WL | 10/18/2021 | RFS01-10.2110038-007 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | F | 0.22 | | FQ | G | STD |
| 04091 | WL | 10/18/2021 | RFS01-10.2110038-007 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 04091 | WL | 10/18/2021 | RFS01-10.2110038-007 | 127-18-4 | Tetrachloroethene | N | 0.36 | ug/L | J | F | 0.2 | | FQ | G | STD |
| 04091 | WL | 10/18/2021 | RFS01-10.2110038-007 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 04091 | WL | 10/18/2021 | RFS01-10.2110038-007 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 04091 | WL | 10/18/2021 | RFS01-10.2110038-007 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 04091 | WL | 10/18/2021 | RFS01-10.2110038-007 | 79-01-6 | Trichloroethene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 04091 | WL | 10/18/2021 | RFS01-10.2110038-007 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | FQ | G | STD |
| 07391 | WL | 10/18/2021 | RFS01-10.2110038-009 | 71-55-6 | 1,1,1-Trichloroethane | N | 64 | ug/L | U | F | 64 | | FQ | G | STD |
| 07391 | WL | 10/18/2021 | RFS01-10.2110038-009 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 84 | ug/L | U | F | 84 | | FQ | G | STD |
| 07391 | WL | 10/18/2021 | RFS01-10.2110038-009 | 79-00-5 | 1,1,2-Trichloroethane | N | 110 | ug/L | U | F | 110 | | FQ | G | STD |
| 07391 | WL | 10/18/2021 | RFS01-10.2110038-009 | 75-35-4 | 1,1-Dichloroethene | N | 210 | ug/L | J | F | 92 | | FQ | G | STD |
| 07391 | WL | 10/18/2021 | RFS01-10.2110038-009 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 84 | ug/L | U | F | 84 | | FQ | G | STD |
| 07391 | WL | 10/18/2021 | RFS01-10.2110038-009 | 95-50-1 | 1,2-Dichlorobenzene | N | 60 | ug/L | U | F | 60 | | FQ | G | STD |
| 07391 | WL | 10/18/2021 | RFS01-10.2110038-009 | 107-06-2 | 1,2-Dichloroethane | N | 52 | ug/L | U | F | 52 | | FQ | G | STD |
| 07391 | WL | 10/18/2021 | RFS01-10.2110038-009 | 78-87-5 | 1,2-Dichloropropane | N | 72 | ug/L | U | F | 72 | | FQ | G | STD |
| 07391 | WL | 10/18/2021 | RFS01-10.2110038-009 | 541-73-1 | 1,3-Dichlorobenzene | N | 52 | ug/L | U | F | 52 | | FQ | G | STD |
| 07391 | WL | 10/18/2021 | RFS01-10.2110038-009 | 106-46-7 | 1,4-Dichlorobenzene | N | 64 | ug/L | U | F | 64 | | FQ | G | STD |
| 07391 | WL | 10/18/2021 | RFS01-10.2110038-009 | 71-43-2 | Benzene | N | 64 | ug/L | U | F | 64 | | FQ | G | STD |
| 07391 | WL | 10/18/2021 | RFS01-10.2110038-009 | 75-25-2 | Bromoform | N | 180 | ug/L | U | F | 180 | | FQ | G | STD |
| 07391 | WL | 10/18/2021 | RFS01-10.2110038-009 | 56-23-5 | Carbon tetrachloride | N | 76 | ug/L | U | F | 76 | | FQ | G | STD |
| 07391 | WL | 10/18/2021 | RFS01-10.2110038-009 | 108-90-7 | Chlorobenzene | N | 68 | ug/L | U | F | 68 | | FQ | G | STD |
| 07391 | WL | 10/18/2021 | RFS01-10.2110038-009 | 67-66-3 | Chloroform | N | 1300 | ug/L | | F | 64 | | FQ | G | STD |
| 07391 | WL | 10/18/2021 | RFS01-10.2110038-009 | 74-87-3 | Chloromethane | N | 120 | ug/L | U | F | 120 | | FQ | G | STD |
| 07391 | WL | 10/18/2021 | RFS01-10.2110038-009 | 156-59-2 | cis-1,2-Dichloroethene | N | 150 | ug/L | J | F | 60 | | FQ | G | STD |
| 07391 | WL | 10/18/2021 | RFS01-10.2110038-009 | 100-41-4 | Ethylbenzene | N | 64 | ug/L | U | F | 64 | | FQ | G | STD |
| 07391 | WL | 10/18/2021 | RFS01-10.2110038-009 | 87-68-3 | Hexachlorobutadiene | N | 140 | ug/L | U | F | 140 | | FQ | G | STD |
| 07391 | WL | 10/18/2021 | RFS01-10.2110038-009 | 75-09-2 | Methylene chloride | N | 380 | ug/L | U | F | 380 | | FQ | G | STD |
| 07391 | WL | 10/18/2021 | RFS01-10.2110038-009 | 91-20-3 | Naphthalene | N | 88 | ug/L | U | F | 88 | | FQ | G | STD |
| 07391 | WL | 10/18/2021 | RFS01-10.2110038-009 | 100-42-5 | Styrene | N | 140 | ug/L | U | F | 140 | | FQ | G | STD |
| 07391 | WL | 10/18/2021 | RFS01-10.2110038-009 | 127-18-4 | Tetrachloroethene | N | 2400 | ug/L | | F | 80 | | FQ | G | STD |
| 07391 | WL | 10/18/2021 | RFS01-10.2110038-009 | 108-88-3 | Toluene | N | 68 | ug/L | U | F | 68 | | FQ | G | STD |
| 07391 | WL | 10/18/2021 | RFS01-10.2110038-009 | 1330-20-7 | Total Xylenes | N | 76 | ug/L | U | F | 76 | | FQ | G | STD |
| 07391 | WL | 10/18/2021 | RFS01-10.2110038-009 | 156-60-5 | trans-1,2-Dichloroethene | N | 60 | ug/L | U | F | 60 | | FQ | G | STD |
| 07391 | WL | 10/18/2021 | RFS01-10.2110038-009 | 79-01-6 | Trichloroethene | N | 42000 | ug/L | | F | 64 | | FQ | G | STD |
| 07391 | WL | 10/18/2021 | RFS01-10.2110038-009 | 7440-61-1 | Uranium | Y | 170 | ug/L | | F | 0.05 | | FQ | G | STD |
| 07391 | WL | 10/18/2021 | RFS01-10.2110038-009 | 75-01-4 | Vinyl chloride | N | 40 | ug/L | U | F | 40 | | FQ | G | STD |
| 10304 | WL | 10/18/2021 | RFS01-10.2110038-010 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | F | G | STD |
| 10304 | WL | 10/18/2021 | RFS01-10.2110038-010 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | F | G | STD |
| 10304 | WL | 10/18/2021 | RFS01-10.2110038-010 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | F | G | STD |
| 10304 | WL | 10/18/2021 | RFS01-10.2110038-010 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | F | 0.23 | | F | G | STD |
| 10304 | WL | 10/18/2021 | RFS01-10.2110038-010 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | F | G | STD |
| 10304 | WL | 10/18/2021 | RFS01-10.2110038-010 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | F | G | STD |
| 10304 | WL | 10/18/2021 | RFS01-10.2110038-010 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | F | G | STD |
| 10304 | WL | 10/18/2021 | RFS01-10.2110038-010 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | F | G | STD |
| 10304 | WL | 10/18/2021 | RFS01-10.2110038-010 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | F | G | STD |
| 10304 | WL | 10/18/2021 | RFS01-10.2110038-010 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | F | G | STD |
| 10304 | WL | 10/18/2021 | RFS01-10.2110038-010 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | F | G | STD |
| 10304 | WL | 10/18/2021 | RFS01-10.2110038-010 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | F | G | STD |
| 10304 | WL | 10/18/2021 | RFS01-10.2110038-010 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | F | G | STD |
| 10304 | WL | 10/18/2021 | RFS01-10.2110038-010 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | F | G | STD |
| 10304 | WL | 10/18/2021 | RFS01-10.2110038-010 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | F | G | STD |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10304 | WL | 10/18/2021 | RFS01-10.2110038-010 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | F | G | STD |
| 10304 | WL | 10/18/2021 | RFS01-10.2110038-010 | 156-59-2 | cis-1,2-Dichloroethene | N | 1 | ug/L | | F | 0.15 | | F | G | STD |
| 10304 | WL | 10/18/2021 | RFS01-10.2110038-010 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | F | G | STD |
| 10304 | WL | 10/18/2021 | RFS01-10.2110038-010 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | F | G | STD |
| 10304 | WL | 10/18/2021 | RFS01-10.2110038-010 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | F | G | STD |
| 10304 | WL | 10/18/2021 | RFS01-10.2110038-010 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | F | 0.22 | | F | G | STD |
| 10304 | WL | 10/18/2021 | RFS01-10.2110038-010 | NO3+NO2 AS N | Nitrate + Nitrite as Nitrogen | N | 0.029 | mg/L | J | F | 0.019 | | F | G | STD |
| 10304 | WL | 10/18/2021 | RFS01-10.2110038-010 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | F | G | STD |
| 10304 | WL | 10/18/2021 | RFS01-10.2110038-010 | 127-18-4 | Tetrachloroethene | N | 0.2 | ug/L | U | F | 0.2 | | F | G | STD |
| 10304 | WL | 10/18/2021 | RFS01-10.2110038-010 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | F | G | STD |
| 10304 | WL | 10/18/2021 | RFS01-10.2110038-010 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | F | G | STD |
| 10304 | WL | 10/18/2021 | RFS01-10.2110038-010 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | F | G | STD |
| 10304 | WL | 10/18/2021 | RFS01-10.2110038-010 | 79-01-6 | Trichloroethene | N | 8.2 | ug/L | | F | 0.16 | | F | G | STD |
| 10304 | WL | 10/18/2021 | RFS01-10.2110038-010 | 7440-61-1 | Uranium | Y | 21 | ug/L | | F | 0.05 | | F | G | STD |
| 10304 | WL | 10/18/2021 | RFS01-10.2110038-010 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | F | G | STD |
| 11104 | WL | 10/19/2021 | RFS01-10.2110038-012 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 11104 | WL | 10/19/2021 | RFS01-10.2110038-012 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 11104 | WL | 10/19/2021 | RFS01-10.2110038-012 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| 11104 | WL | 10/19/2021 | RFS01-10.2110038-012 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | F | 0.23 | | FQ | G | STD |
| 11104 | WL | 10/19/2021 | RFS01-10.2110038-012 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 11104 | WL | 10/19/2021 | RFS01-10.2110038-012 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 11104 | WL | 10/19/2021 | RFS01-10.2110038-012 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 11104 | WL | 10/19/2021 | RFS01-10.2110038-012 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |
| 11104 | WL | 10/19/2021 | RFS01-10.2110038-012 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 11104 | WL | 10/19/2021 | RFS01-10.2110038-012 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 11104 | WL | 10/19/2021 | RFS01-10.2110038-012 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 11104 | WL | 10/19/2021 | RFS01-10.2110038-012 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | FQ | G | STD |
| 11104 | WL | 10/19/2021 | RFS01-10.2110038-012 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 11104 | WL | 10/19/2021 | RFS01-10.2110038-012 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 11104 | WL | 10/19/2021 | RFS01-10.2110038-012 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 11104 | WL | 10/19/2021 | RFS01-10.2110038-012 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | FQ | G | STD |
| 11104 | WL | 10/19/2021 | RFS01-10.2110038-012 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 11104 | WL | 10/19/2021 | RFS01-10.2110038-012 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 11104 | WL | 10/19/2021 | RFS01-10.2110038-012 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 11104 | WL | 10/19/2021 | RFS01-10.2110038-012 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | FQ | G | STD |
| 11104 | WL | 10/19/2021 | RFS01-10.2110038-012 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | F | 0.22 | | FQ | G | STD |
| 11104 | WL | 10/19/2021 | RFS01-10.2110038-012 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 11104 | WL | 10/19/2021 | RFS01-10.2110038-012 | 127-18-4 | Tetrachloroethene | N | 0.2 | ug/L | U | F | 0.2 | | FQ | G | STD |
| 11104 | WL | 10/19/2021 | RFS01-10.2110038-012 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 11104 | WL | 10/19/2021 | RFS01-10.2110038-012 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 11104 | WL | 10/19/2021 | RFS01-10.2110038-012 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 11104 | WL | 10/19/2021 | RFS01-10.2110038-012 | 79-01-6 | Trichloroethene | N | 1.1 | ug/L | | F | 0.16 | | FQ | G | STD |
| 11104 | WL | 10/19/2021 | RFS01-10.2110038-012 | 7440-61-1 | Uranium | Y | 36 | ug/L | | F | 0.05 | | FQ | G | STD |
| 11104 | WL | 10/19/2021 | RFS01-10.2110038-012 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | FQ | G | STD |
| 11502 | WL | 10/19/2021 | RFS01-10.2110038-013 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 11502 | WL | 10/19/2021 | RFS01-10.2110038-013 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 11502 | WL | 10/19/2021 | RFS01-10.2110038-013 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| 11502 | WL | 10/19/2021 | RFS01-10.2110038-013 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | F | 0.23 | | FQ | G | STD |
| 11502 | WL | 10/19/2021 | RFS01-10.2110038-013 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 11502 | WL | 10/19/2021 | RFS01-10.2110038-013 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 11502 | WL | 10/19/2021 | RFS01-10.2110038-013 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 11502 | WL | 10/19/2021 | RFS01-10.2110038-013 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |
| 11502 | WL | 10/19/2021 | RFS01-10.2110038-013 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 11502 | WL | 10/19/2021 | RFS01-10.2110038-013 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 11502 | WL | 10/19/2021 | RFS01-10.2110038-013 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11502 | WL | 10/19/2021 | RFS01-10.2110038-013 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | FQ | G | STD |
| 11502 | WL | 10/19/2021 | RFS01-10.2110038-013 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 11502 | WL | 10/19/2021 | RFS01-10.2110038-013 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 11502 | WL | 10/19/2021 | RFS01-10.2110038-013 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 11502 | WL | 10/19/2021 | RFS01-10.2110038-013 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | FQ | G | STD |
| 11502 | WL | 10/19/2021 | RFS01-10.2110038-013 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 11502 | WL | 10/19/2021 | RFS01-10.2110038-013 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 11502 | WL | 10/19/2021 | RFS01-10.2110038-013 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 11502 | WL | 10/19/2021 | RFS01-10.2110038-013 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | FQ | G | STD |
| 11502 | WL | 10/19/2021 | RFS01-10.2110038-013 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | F | 0.22 | | FQ | G | STD |
| 11502 | WL | 10/19/2021 | RFS01-10.2110038-013 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 11502 | WL | 10/19/2021 | RFS01-10.2110038-013 | 127-18-4 | Tetrachloroethene | N | 5.4 | ug/L | | F | 0.2 | | FQ | G | STD |
| 11502 | WL | 10/19/2021 | RFS01-10.2110038-013 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 11502 | WL | 10/19/2021 | RFS01-10.2110038-013 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 11502 | WL | 10/19/2021 | RFS01-10.2110038-013 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 11502 | WL | 10/19/2021 | RFS01-10.2110038-013 | 79-01-6 | Trichloroethene | N | 0.9 | ug/L | J | F | 0.16 | | FQ | G | STD |
| 11502 | WL | 10/19/2021 | RFS01-10.2110038-013 | 7440-61-1 | Uranium | Y | 1.4 | ug/L | | F | 0.05 | | FQ | G | STD |
| 11502 | WL | 10/19/2021 | RFS01-10.2110038-013 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-014 | 71-55-6 | 1,1,1-Trichloroethane | N | 3.2 | ug/L | J | F | 0.64 | | FJQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-077 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.32 | ug/L | U | D | 0.32 | | FJQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-014 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.84 | ug/L | U | F | 0.84 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-077 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.42 | ug/L | U | D | 0.42 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-014 | 79-00-5 | 1,1,2-Trichloroethane | N | 1.1 | ug/L | U | F | 1.1 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-077 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.54 | ug/L | U | D | 0.54 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-014 | 75-35-4 | 1,1-Dichloroethene | N | 6.4 | ug/L | | F | 0.92 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-077 | 75-35-4 | 1,1-Dichloroethene | N | 5.6 | ug/L | | D | 0.46 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-014 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.84 | ug/L | U | F | 0.84 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-077 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.42 | ug/L | U | D | 0.42 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-014 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.6 | ug/L | U | F | 0.6 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-077 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.3 | ug/L | U | D | 0.3 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-014 | 107-06-2 | 1,2-Dichloroethane | N | 1.3 | ug/L | J | F | 0.52 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-077 | 107-06-2 | 1,2-Dichloroethane | N | 0.26 | ug/L | U | D | 0.26 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-014 | 78-87-5 | 1,2-Dichloropropane | N | 0.72 | ug/L | U | F | 0.72 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-077 | 78-87-5 | 1,2-Dichloropropane | N | 0.36 | ug/L | U | D | 0.36 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-014 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.52 | ug/L | U | F | 0.52 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-077 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.26 | ug/L | U | D | 0.26 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-014 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.64 | ug/L | U | F | 0.64 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-077 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.32 | ug/L | U | D | 0.32 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-014 | 71-43-2 | Benzene | N | 0.64 | ug/L | U | F | 0.64 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-077 | 71-43-2 | Benzene | N | 0.32 | ug/L | U | D | 0.32 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-014 | 75-25-2 | Bromoform | N | 1.8 | ug/L | U | F | 1.8 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-077 | 75-25-2 | Bromoform | N | 0.92 | ug/L | U | D | 0.92 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-014 | 56-23-5 | Carbon tetrachloride | N | 0.76 | ug/L | U | F | 0.76 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-077 | 56-23-5 | Carbon tetrachloride | N | 0.38 | ug/L | U | D | 0.38 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-014 | 108-90-7 | Chlorobenzene | N | 0.68 | ug/L | U | F | 0.68 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-077 | 108-90-7 | Chlorobenzene | N | 0.34 | ug/L | U | D | 0.34 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-014 | 67-66-3 | Chloroform | N | 1.4 | ug/L | J | F | 0.64 | | FQU | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-077 | 67-66-3 | Chloroform | N | 0.32 | ug/L | U | D | 0.32 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-014 | 74-87-3 | Chloromethane | N | 1.2 | ug/L | U | F | 1.2 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-077 | 74-87-3 | Chloromethane | N | 0.6 | ug/L | U | D | 0.6 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-014 | 156-59-2 | cis-1,2-Dichloroethene | N | 260 | ug/L | | F | 0.6 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-077 | 156-59-2 | cis-1,2-Dichloroethene | N | 240 | ug/L | | D | 0.3 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-014 | 100-41-4 | Ethylbenzene | N | 0.64 | ug/L | U | F | 0.64 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-077 | 100-41-4 | Ethylbenzene | N | 0.32 | ug/L | U | D | 0.32 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-014 | 87-68-3 | Hexachlorobutadiene | N | 1.4 | ug/L | U | F | 1.4 | | FQ | G | STD |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-077 | 87-68-3 | Hexachlorobutadiene | N | 0.72 | ug/L | U | D | 0.72 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-014 | 75-09-2 | Methylene chloride | N | 3.8 | ug/L | U | F | 3.8 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-077 | 75-09-2 | Methylene chloride | N | 1.9 | ug/L | U | D | 1.9 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-014 | 91-20-3 | Naphthalene | N | 0.88 | ug/L | U | F | 0.88 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-077 | 91-20-3 | Naphthalene | N | 0.44 | ug/L | U | D | 0.44 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-014 | 100-42-5 | Styrene | N | 1.4 | ug/L | U | F | 1.4 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-077 | 100-42-5 | Styrene | N | 0.71 | ug/L | U | D | 0.71 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-014 | 127-18-4 | Tetrachloroethene | N | 33 | ug/L | | F | 0.8 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-077 | 127-18-4 | Tetrachloroethene | N | 34 | ug/L | | D | 0.4 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-014 | 108-88-3 | Toluene | N | 0.68 | ug/L | U | F | 0.68 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-077 | 108-88-3 | Toluene | N | 0.34 | ug/L | U | D | 0.34 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-014 | 1330-20-7 | Total Xylenes | N | 0.76 | ug/L | U | F | 0.76 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-077 | 1330-20-7 | Total Xylenes | N | 0.38 | ug/L | U | D | 0.38 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-014 | 156-60-5 | trans-1,2-Dichloroethene | N | 2.5 | ug/L | J | F | 0.6 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-077 | 156-60-5 | trans-1,2-Dichloroethene | N | 1.5 | ug/L | J | D | 0.3 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-014 | 79-01-6 | Trichloroethene | N | 120 | ug/L | | F | 0.64 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-077 | 79-01-6 | Trichloroethene | N | 120 | ug/L | | D | 0.32 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-014 | 75-01-4 | Vinyl chloride | N | 0.47 | ug/L | J | F | 0.4 | | FQ | G | STD |
| 15699 | WL | 10/19/2021 | RFS01-10.2110038-077 | 75-01-4 | Vinyl chloride | N | 0.32 | ug/L | J | D | 0.2 | | FQ | G | STD |
| 20205 | WL | 10/18/2021 | RFS01-03.2110009-001 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20205 | WL | 10/18/2021 | RFS01-03.2110009-001 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20205 | WL | 10/18/2021 | RFS01-03.2110009-001 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20205 | WL | 10/18/2021 | RFS01-03.2110009-001 | 75-35-4 | 1,1-Dichloroethene | N | 0.47 | ug/L | J | F | 0.333 | | FQ | G | GEN |
| 20205 | WL | 10/18/2021 | RFS01-03.2110009-001 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20205 | WL | 10/18/2021 | RFS01-03.2110009-001 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20205 | WL | 10/18/2021 | RFS01-03.2110009-001 | 107-06-2 | 1,2-Dichloroethane | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20205 | WL | 10/18/2021 | RFS01-03.2110009-001 | 78-87-5 | 1,2-Dichloropropane | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20205 | WL | 10/18/2021 | RFS01-03.2110009-001 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20205 | WL | 10/18/2021 | RFS01-03.2110009-001 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20205 | WL | 10/18/2021 | RFS01-03.2110009-001 | 14596-10-2 | Americium-241 | Y | 0.0122 | pCi/L | U | F | | 0.017 | FQ | G | GEN |
| 20205 | WL | 10/18/2021 | RFS01-03.2110009-001 | 71-43-2 | Benzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20205 | WL | 10/18/2021 | RFS01-03.2110009-001 | 75-25-2 | Bromoform | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20205 | WL | 10/18/2021 | RFS01-03.2110009-001 | 56-23-5 | Carbon tetrachloride | N | 4.43 | ug/L | | F | 0.333 | | FQ | G | GEN |
| 20205 | WL | 10/18/2021 | RFS01-03.2110009-001 | 108-90-7 | Chlorobenzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20205 | WL | 10/18/2021 | RFS01-03.2110009-001 | 67-66-3 | Chloroform | N | 20.3 | ug/L | | F | 0.333 | | FQ | G | GEN |
| 20205 | WL | 10/18/2021 | RFS01-03.2110009-001 | 74-87-3 | Chloromethane | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20205 | WL | 10/18/2021 | RFS01-03.2110009-001 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20205 | WL | 10/18/2021 | RFS01-03.2110009-001 | 100-41-4 | Ethylbenzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20205 | WL | 10/18/2021 | RFS01-03.2110009-001 | 87-68-3 | Hexachlorobutadiene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20205 | WL | 10/18/2021 | RFS01-03.2110009-001 | 75-09-2 | Methylene chloride | N | 0.5 | ug/L | U | F | 0.5 | | FQ | G | GEN |
| 20205 | WL | 10/18/2021 | RFS01-03.2110009-001 | 91-20-3 | Naphthalene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20205 | WL | 10/18/2021 | RFS01-03.2110009-001 | PU-239,240 | Plutonium-239, 240 | Y | 0.0217 | pCi/L | U | F | | 0.0304 | FQ | G | GEN |
| 20205 | WL | 10/18/2021 | RFS01-03.2110009-001 | 100-42-5 | Styrene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20205 | WL | 10/18/2021 | RFS01-03.2110009-001 | 127-18-4 | Tetrachloroethene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20205 | WL | 10/18/2021 | RFS01-03.2110009-001 | 108-88-3 | Toluene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20205 | WL | 10/18/2021 | RFS01-03.2110009-001 | 1330-20-7 | Total Xylenes | N | 1 | ug/L | U | F | 1 | | FQ | G | GEN |
| 20205 | WL | 10/18/2021 | RFS01-03.2110009-001 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20205 | WL | 10/18/2021 | RFS01-03.2110009-001 | 79-01-6 | Trichloroethene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20205 | WL | 10/18/2021 | RFS01-03.2110009-001 | 7440-61-1 | Uranium | Y | 22.1 | ug/L | | F | 0.067 | | FQ | G | GEN |
| 20205 | WL | 10/18/2021 | RFS01-03.2110009-001 | 75-01-4 | Vinyl chloride | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20505 | WL | 10/18/2021 | RFS01-03.2110009-002 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20505 | WL | 10/18/2021 | RFS01-03.2110009-002 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20505 | WL | 10/18/2021 | RFS01-03.2110009-002 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20505 | WL | 10/18/2021 | RFS01-03.2110009-002 | 75-35-4 | 1,1-Dichloroethene | N | 5.64 | ug/L | | F | 0.333 | | FQ | G | GEN |
| 20505 | WL | 10/18/2021 | RFS01-03.2110009-002 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20505 | WL | 10/18/2021 | RFS01-03.2110009-002 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20505 | WL | 10/18/2021 | RFS01-03.2110009-002 | 107-06-2 | 1,2-Dichloroethane | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20505 | WL | 10/18/2021 | RFS01-03.2110009-002 | 78-87-5 | 1,2-Dichloropropane | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20505 | WL | 10/18/2021 | RFS01-03.2110009-002 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20505 | WL | 10/18/2021 | RFS01-03.2110009-002 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20505 | WL | 10/18/2021 | RFS01-03.2110009-002 | 14596-10-2 | Americium-241 | Y | 0.00462 | pCi/L | U | F | | 0.0213 | FQ | G | GEN |
| 20505 | WL | 10/18/2021 | RFS01-03.2110009-002 | 71-43-2 | Benzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20505 | WL | 10/18/2021 | RFS01-03.2110009-002 | 75-25-2 | Bromoform | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20505 | WL | 10/18/2021 | RFS01-03.2110009-002 | 56-23-5 | Carbon tetrachloride | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20505 | WL | 10/18/2021 | RFS01-03.2110009-002 | 108-90-7 | Chlorobenzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20505 | WL | 10/18/2021 | RFS01-03.2110009-002 | 67-66-3 | Chloroform | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20505 | WL | 10/18/2021 | RFS01-03.2110009-002 | 74-87-3 | Chloromethane | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20505 | WL | 10/18/2021 | RFS01-03.2110009-002 | 156-59-2 | cis-1,2-Dichloroethene | N | 1.43 | ug/L | | F | 0.333 | | FQ | G | GEN |
| 20505 | WL | 10/18/2021 | RFS01-03.2110009-002 | 100-41-4 | Ethylbenzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20505 | WL | 10/18/2021 | RFS01-03.2110009-002 | 87-68-3 | Hexachlorobutadiene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20505 | WL | 10/18/2021 | RFS01-03.2110009-002 | 75-09-2 | Methylene chloride | N | 0.5 | ug/L | U | F | 0.5 | | FQ | G | GEN |
| 20505 | WL | 10/18/2021 | RFS01-03.2110009-002 | 91-20-3 | Naphthalene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20505 | WL | 10/18/2021 | RFS01-03.2110009-002 | PU-239,240 | Plutonium-239, 240 | Y | -1.11E-09 | pCi/L | U | F | | 0.0103 | FQ | G | GEN |
| 20505 | WL | 10/18/2021 | RFS01-03.2110009-002 | 100-42-5 | Styrene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20505 | WL | 10/18/2021 | RFS01-03.2110009-002 | 127-18-4 | Tetrachloroethene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20505 | WL | 10/18/2021 | RFS01-03.2110009-002 | 108-88-3 | Toluene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20505 | WL | 10/18/2021 | RFS01-03.2110009-002 | 1330-20-7 | Total Xylenes | N | 1 | ug/L | U | F | 1 | | FQ | G | GEN |
| 20505 | WL | 10/18/2021 | RFS01-03.2110009-002 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20505 | WL | 10/18/2021 | RFS01-03.2110009-002 | 79-01-6 | Trichloroethene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20505 | WL | 10/18/2021 | RFS01-03.2110009-002 | 7440-61-1 | Uranium | Y | 1.12 | ug/L | | F | 0.067 | | FQ | G | GEN |
| 20505 | WL | 10/18/2021 | RFS01-03.2110009-002 | 75-01-4 | Vinyl chloride | N | 3.85 | ug/L | | F | 0.333 | | FJQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-003 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-004 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.333 | ug/L | U | D | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-003 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-004 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.333 | ug/L | U | D | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-003 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-004 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.333 | ug/L | U | D | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-003 | 75-35-4 | 1,1-Dichloroethene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-004 | 75-35-4 | 1,1-Dichloroethene | N | 0.333 | ug/L | U | D | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-003 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-004 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.333 | ug/L | U | D | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-003 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-004 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.333 | ug/L | U | D | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-003 | 107-06-2 | 1,2-Dichloroethane | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-004 | 107-06-2 | 1,2-Dichloroethane | N | 0.333 | ug/L | U | D | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-003 | 78-87-5 | 1,2-Dichloropropane | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-004 | 78-87-5 | 1,2-Dichloropropane | N | 0.333 | ug/L | U | D | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-003 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-004 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.37 | ug/L | J | D | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-003 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-004 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.333 | ug/L | U | D | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-003 | 14596-10-2 | Americium-241 | Y | 0.0227 | pCi/L | U | F | | 0.048 | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-004 | 14596-10-2 | Americium-241 | Y | 0.00878 | pCi/L | U | D | | 0.0207 | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-003 | 71-43-2 | Benzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-004 | 71-43-2 | Benzene | N | 0.333 | ug/L | U | D | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-003 | 75-25-2 | Bromoform | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-004 | 75-25-2 | Bromoform | N | 0.333 | ug/L | U | D | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-003 | 56-23-5 | Carbon tetrachloride | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-004 | 56-23-5 | Carbon tetrachloride | N | 0.333 | ug/L | U | D | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-003 | 108-90-7 | Chlorobenzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-004 | 108-90-7 | Chlorobenzene | N | 0.333 | ug/L | U | D | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-003 | 67-66-3 | Chloroform | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-004 | 67-66-3 | Chloroform | N | 0.333 | ug/L | U | D | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-003 | 74-87-3 | Chloromethane | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-004 | 74-87-3 | Chloromethane | N | 0.333 | ug/L | U | D | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-003 | 156-59-2 | cis-1,2-Dichloroethene | N | 4.6 | ug/L | | F | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-004 | 156-59-2 | cis-1,2-Dichloroethene | N | 4.66 | ug/L | | D | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-003 | 100-41-4 | Ethylbenzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-004 | 100-41-4 | Ethylbenzene | N | 0.333 | ug/L | U | D | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-003 | 87-68-3 | Hexachlorobutadiene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-004 | 87-68-3 | Hexachlorobutadiene | N | 0.333 | ug/L | U | D | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-003 | 75-09-2 | Methylene chloride | N | 0.5 | ug/L | U | F | 0.5 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-004 | 75-09-2 | Methylene chloride | N | 0.5 | ug/L | U | D | 0.5 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-003 | 91-20-3 | Naphthalene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-004 | 91-20-3 | Naphthalene | N | 0.333 | ug/L | U | D | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-003 | NO3+NO2 AS N | Nitrate + Nitrite as Nitrogen | N | 0.17 | mg/L | U | F | 0.17 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-004 | NO3+NO2 AS N | Nitrate + Nitrite as Nitrogen | N | 0.17 | mg/L | U | D | 0.17 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-003 | PU-239,240 | Plutonium-239, 240 | Y | 5.9E-09 | pCi/L | U | F | | 0.0309 | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-004 | PU-239,240 | Plutonium-239, 240 | Y | 0.0149 | pCi/L | U | D | | 0.0146 | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-003 | 100-42-5 | Styrene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-004 | 100-42-5 | Styrene | N | 0.333 | ug/L | U | D | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-003 | 127-18-4 | Tetrachloroethene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-004 | 127-18-4 | Tetrachloroethene | N | 0.333 | ug/L | U | D | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-003 | 108-88-3 | Toluene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-004 | 108-88-3 | Toluene | N | 0.333 | ug/L | U | D | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-003 | 1330-20-7 | Total Xylenes | N | 1 | ug/L | U | F | 1 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-004 | 1330-20-7 | Total Xylenes | N | 1 | ug/L | U | D | 1 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-003 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-004 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.333 | ug/L | U | D | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-003 | 79-01-6 | Trichloroethene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-004 | 79-01-6 | Trichloroethene | N | 0.333 | ug/L | U | D | 0.333 | | FQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-003 | 7440-61-1 | Uranium | Y | 33.9 | ug/L | | F | 0.067 | | FJQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-004 | 7440-61-1 | Uranium | Y | 16.8 | ug/L | | D | 0.067 | | FJQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-003 | 75-01-4 | Vinyl chloride | N | 1.71 | ug/L | | F | 0.333 | | FJQ | G | GEN |
| 20705 | WL | 10/18/2021 | RFS01-03.2110009-004 | 75-01-4 | Vinyl chloride | N | 1.79 | ug/L | | D | 0.333 | | FJQ | G | GEN |
| 23296 | WL | 10/19/2021 | RFS01-10.2110038-015 | 71-55-6 | 1,1,1-Trichloroethane | N | 3.2 | ug/L | U | F | 3.2 | | FQ | G | STD |
| 23296 | WL | 10/19/2021 | RFS01-10.2110038-015 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 4.2 | ug/L | U | F | 4.2 | | FQ | G | STD |
| 23296 | WL | 10/19/2021 | RFS01-10.2110038-015 | 79-00-5 | 1,1,2-Trichloroethane | N | 5.4 | ug/L | U | F | 5.4 | | FQ | G | STD |
| 23296 | WL | 10/19/2021 | RFS01-10.2110038-015 | 75-35-4 | 1,1-Dichloroethene | N | 4.6 | ug/L | U | F | 4.6 | | FQ | G | STD |
| 23296 | WL | 10/19/2021 | RFS01-10.2110038-015 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 4.2 | ug/L | U | F | 4.2 | | FQ | G | STD |
| 23296 | WL | 10/19/2021 | RFS01-10.2110038-015 | 95-50-1 | 1,2-Dichlorobenzene | N | 3 | ug/L | U | F | 3 | | FQ | G | STD |
| 23296 | WL | 10/19/2021 | RFS01-10.2110038-015 | 107-06-2 | 1,2-Dichloroethane | N | 2.6 | ug/L | U | F | 2.6 | | FQ | G | STD |
| 23296 | WL | 10/19/2021 | RFS01-10.2110038-015 | 78-87-5 | 1,2-Dichloropropane | N | 3.6 | ug/L | U | F | 3.6 | | FQ | G | STD |
| 23296 | WL | 10/19/2021 | RFS01-10.2110038-015 | 541-73-1 | 1,3-Dichlorobenzene | N | 2.6 | ug/L | U | F | 2.6 | | FQ | G | STD |
| 23296 | WL | 10/19/2021 | RFS01-10.2110038-015 | 106-46-7 | 1,4-Dichlorobenzene | N | 3.2 | ug/L | U | F | 3.2 | | FQ | G | STD |
| 23296 | WL | 10/19/2021 | RFS01-10.2110038-015 | 71-43-2 | Benzene | N | 3.2 | ug/L | U | F | 3.2 | | FQ | G | STD |
| 23296 | WL | 10/19/2021 | RFS01-10.2110038-015 | 75-25-2 | Bromoform | N | 9.2 | ug/L | U | F | 9.2 | | FQ | G | STD |
| 23296 | WL | 10/19/2021 | RFS01-10.2110038-015 | 56-23-5 | Carbon tetrachloride | N | 38 | ug/L | | F | 3.8 | | FQ | G | STD |
| 23296 | WL | 10/19/2021 | RFS01-10.2110038-015 | 108-90-7 | Chlorobenzene | N | 3.4 | ug/L | U | F | 3.4 | | FQ | G | STD |
| 23296 | WL | 10/19/2021 | RFS01-10.2110038-015 | 67-66-3 | Chloroform | N | 91 | ug/L | | F | 3.2 | | FQ | G | STD |
| 23296 | WL | 10/19/2021 | RFS01-10.2110038-015 | 74-87-3 | Chloromethane | N | 6 | ug/L | U | F | 6 | | FQ | G | STD |
| 23296 | WL | 10/19/2021 | RFS01-10.2110038-015 | 156-59-2 | cis-1,2-Dichloroethene | N | 110 | ug/L | | F | 3 | | FQ | G | STD |
| 23296 | WL | 10/19/2021 | RFS01-10.2110038-015 | 100-41-4 | Ethylbenzene | N | 3.2 | ug/L | U | F | 3.2 | | FQ | G | STD |
| 23296 | WL | 10/19/2021 | RFS01-10.2110038-015 | 87-68-3 | Hexachlorobutadiene | N | 7.2 | ug/L | U | F | 7.2 | | FQ | G | STD |
| 23296 | WL | 10/19/2021 | RFS01-10.2110038-015 | 75-09-2 | Methylene chloride | N | 19 | ug/L | U | F | 19 | | FQ | G | STD |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 23296 | WL | 10/19/2021 | RFS01-10.2110038-015 | 91-20-3 | Naphthalene | N | 4.4 | ug/L | U | F | 4.4 | | FQ | G | STD |
| 23296 | WL | 10/19/2021 | RFS01-10.2110038-015 | 100-42-5 | Styrene | N | 7.1 | ug/L | U | F | 7.1 | | FQ | G | STD |
| 23296 | WL | 10/19/2021 | RFS01-10.2110038-015 | 127-18-4 | Tetrachloroethene | N | 160 | ug/L | | F | 4 | | FQ | G | STD |
| 23296 | WL | 10/19/2021 | RFS01-10.2110038-015 | 108-88-3 | Toluene | N | 3.4 | ug/L | U | F | 3.4 | | FQ | G | STD |
| 23296 | WL | 10/19/2021 | RFS01-10.2110038-015 | 1330-20-7 | Total Xylenes | N | 3.8 | ug/L | U | F | 3.8 | | FQ | G | STD |
| 23296 | WL | 10/19/2021 | RFS01-10.2110038-015 | 156-60-5 | trans-1,2-Dichloroethene | N | 3 | ug/L | U | F | 3 | | FQ | G | STD |
| 23296 | WL | 10/19/2021 | RFS01-10.2110038-015 | 79-01-6 | Trichloroethene | N | 1900 | ug/L | | F | 3.2 | | FQ | G | STD |
| 23296 | WL | 10/19/2021 | RFS01-10.2110038-015 | 7440-61-1 | Uranium | Y | 30 | ug/L | | F | 0.05 | | FQ | G | STD |
| 23296 | WL | 10/19/2021 | RFS01-10.2110038-015 | 75-01-4 | Vinyl chloride | N | 2 | ug/L | U | F | 2 | | FQ | G | STD |
| 30002 | WL | 10/19/2021 | RFS01-10.2110038-020 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 30002 | WL | 10/19/2021 | RFS01-10.2110038-020 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 30002 | WL | 10/19/2021 | RFS01-10.2110038-020 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| 30002 | WL | 10/19/2021 | RFS01-10.2110038-020 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | F | 0.23 | | FQ | G | STD |
| 30002 | WL | 10/19/2021 | RFS01-10.2110038-020 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 30002 | WL | 10/19/2021 | RFS01-10.2110038-020 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 30002 | WL | 10/19/2021 | RFS01-10.2110038-020 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 30002 | WL | 10/19/2021 | RFS01-10.2110038-020 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |
| 30002 | WL | 10/19/2021 | RFS01-10.2110038-020 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 30002 | WL | 10/19/2021 | RFS01-10.2110038-020 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 30002 | WL | 10/19/2021 | RFS01-10.2110038-020 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 30002 | WL | 10/19/2021 | RFS01-10.2110038-020 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | FQ | G | STD |
| 30002 | WL | 10/19/2021 | RFS01-10.2110038-020 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 30002 | WL | 10/19/2021 | RFS01-10.2110038-020 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 30002 | WL | 10/19/2021 | RFS01-10.2110038-020 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 30002 | WL | 10/19/2021 | RFS01-10.2110038-020 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | FQ | G | STD |
| 30002 | WL | 10/19/2021 | RFS01-10.2110038-020 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 30002 | WL | 10/19/2021 | RFS01-10.2110038-020 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 30002 | WL | 10/19/2021 | RFS01-10.2110038-020 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 30002 | WL | 10/19/2021 | RFS01-10.2110038-020 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | FQ | G | STD |
| 30002 | WL | 10/19/2021 | RFS01-10.2110038-020 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | F | 0.22 | | FQ | G | STD |
| 30002 | WL | 10/19/2021 | RFS01-10.2110038-020 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 30002 | WL | 10/19/2021 | RFS01-10.2110038-020 | 127-18-4 | Tetrachloroethene | N | 0.2 | ug/L | U | F | 0.2 | | FQ | G | STD |
| 30002 | WL | 10/19/2021 | RFS01-10.2110038-020 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 30002 | WL | 10/19/2021 | RFS01-10.2110038-020 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 30002 | WL | 10/19/2021 | RFS01-10.2110038-020 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 30002 | WL | 10/19/2021 | RFS01-10.2110038-020 | 79-01-6 | Trichloroethene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 30002 | WL | 10/19/2021 | RFS01-10.2110038-020 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | FQ | G | STD |
| 33711 | WL | 10/21/2021 | RFS01-10.2110038-021 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | F | G | STD |
| 33711 | WL | 10/21/2021 | RFS01-10.2110038-021 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U * | F | 0.21 | | F | G | STD |
| 33711 | WL | 10/21/2021 | RFS01-10.2110038-021 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | F | G | STD |
| 33711 | WL | 10/21/2021 | RFS01-10.2110038-021 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U * | F | 0.23 | | F | G | STD |
| 33711 | WL | 10/21/2021 | RFS01-10.2110038-021 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U * | F | 0.21 | | F | G | STD |
| 33711 | WL | 10/21/2021 | RFS01-10.2110038-021 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U * | F | 0.15 | | F | G | STD |
| 33711 | WL | 10/21/2021 | RFS01-10.2110038-021 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | F | G | STD |
| 33711 | WL | 10/21/2021 | RFS01-10.2110038-021 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U * | F | 0.18 | | F | G | STD |
| 33711 | WL | 10/21/2021 | RFS01-10.2110038-021 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U * | F | 0.13 | | F | G | STD |
| 33711 | WL | 10/21/2021 | RFS01-10.2110038-021 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.44 | ug/L | J | F | 0.16 | | F | G | STD |
| 33711 | WL | 10/21/2021 | RFS01-10.2110038-021 | 71-43-2 | Benzene | N | 0.16 | ug/L | U * | F | 0.16 | | F | G | STD |
| 33711 | WL | 10/21/2021 | RFS01-10.2110038-021 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | F | G | STD |
| 33711 | WL | 10/21/2021 | RFS01-10.2110038-021 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | F | G | STD |
| 33711 | WL | 10/21/2021 | RFS01-10.2110038-021 | 108-90-7 | Chlorobenzene | N | 0.53 | ug/L | J * | F | 0.17 | | FJ | G | STD |
| 33711 | WL | 10/21/2021 | RFS01-10.2110038-021 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U * | F | 0.16 | | F | G | STD |
| 33711 | WL | 10/21/2021 | RFS01-10.2110038-021 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | F | G | STD |
| 33711 | WL | 10/21/2021 | RFS01-10.2110038-021 | 156-59-2 | cis-1,2-Dichloroethene | N | 1.1 | ug/L | * | F | 0.15 | | FJ | G | STD |
| 33711 | WL | 10/21/2021 | RFS01-10.2110038-021 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U * | F | 0.16 | | F | G | STD |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 33711 | WL | 10/21/2021 | RFS01-10.2110038-021 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | F | G | STD |
| 33711 | WL | 10/21/2021 | RFS01-10.2110038-021 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U * | F | 0.94 | | F | G | STD |
| 33711 | WL | 10/21/2021 | RFS01-10.2110038-021 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U * | F | 0.22 | | F | G | STD |
| 33711 | WL | 10/21/2021 | RFS01-10.2110038-021 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | F | G | STD |
| 33711 | WL | 10/21/2021 | RFS01-10.2110038-021 | 127-18-4 | Tetrachloroethene | N | 0.2 | ug/L | U * | F | 0.2 | | F | G | STD |
| 33711 | WL | 10/21/2021 | RFS01-10.2110038-021 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | F | G | STD |
| 33711 | WL | 10/21/2021 | RFS01-10.2110038-021 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U * | F | 0.19 | | F | G | STD |
| 33711 | WL | 10/21/2021 | RFS01-10.2110038-021 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U * | F | 0.15 | | F | G | STD |
| 33711 | WL | 10/21/2021 | RFS01-10.2110038-021 | 79-01-6 | Trichloroethene | N | 0.16 | ug/L | U * | F | 0.16 | | F | G | STD |
| 33711 | WL | 10/21/2021 | RFS01-10.2110038-021 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | F | G | STD |
| 37405 | WL | 10/18/2021 | RFS01-03.2110009-007 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37405 | WL | 10/18/2021 | RFS01-03.2110009-007 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37405 | WL | 10/18/2021 | RFS01-03.2110009-007 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37405 | WL | 10/18/2021 | RFS01-03.2110009-007 | 75-35-4 | 1,1-Dichloroethene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37405 | WL | 10/18/2021 | RFS01-03.2110009-007 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37405 | WL | 10/18/2021 | RFS01-03.2110009-007 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37405 | WL | 10/18/2021 | RFS01-03.2110009-007 | 107-06-2 | 1,2-Dichloroethane | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37405 | WL | 10/18/2021 | RFS01-03.2110009-007 | 78-87-5 | 1,2-Dichloropropane | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37405 | WL | 10/18/2021 | RFS01-03.2110009-007 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37405 | WL | 10/18/2021 | RFS01-03.2110009-007 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37405 | WL | 10/18/2021 | RFS01-03.2110009-007 | 14596-10-2 | Americium-241 | Y | -0.00532 | pCi/L | U | F | | 0.0221 | FQ | G | GEN |
| 37405 | WL | 10/18/2021 | RFS01-03.2110009-007 | 71-43-2 | Benzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37405 | WL | 10/18/2021 | RFS01-03.2110009-007 | 75-25-2 | Bromoform | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37405 | WL | 10/18/2021 | RFS01-03.2110009-007 | 56-23-5 | Carbon tetrachloride | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37405 | WL | 10/18/2021 | RFS01-03.2110009-007 | 108-90-7 | Chlorobenzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37405 | WL | 10/18/2021 | RFS01-03.2110009-007 | 67-66-3 | Chloroform | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37405 | WL | 10/18/2021 | RFS01-03.2110009-007 | 74-87-3 | Chloromethane | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37405 | WL | 10/18/2021 | RFS01-03.2110009-007 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37405 | WL | 10/18/2021 | RFS01-03.2110009-007 | 100-41-4 | Ethylbenzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37405 | WL | 10/18/2021 | RFS01-03.2110009-007 | 87-68-3 | Hexachlorobutadiene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37405 | WL | 10/18/2021 | RFS01-03.2110009-007 | 75-09-2 | Methylene chloride | N | 0.5 | ug/L | U | F | 0.5 | | FQ | G | GEN |
| 37405 | WL | 10/18/2021 | RFS01-03.2110009-007 | 91-20-3 | Naphthalene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37405 | WL | 10/18/2021 | RFS01-03.2110009-007 | NO3+NO2 AS N | Nitrate + Nitrite as Nitrogen | N | 4.48 | mg/L | | F | 0.17 | | FQ | G | GEN |
| 37405 | WL | 10/18/2021 | RFS01-03.2110009-007 | PU-239,240 | Plutonium-239, 240 | Y | -0.00506 | pCi/L | U | F | | 0.0186 | FQ | G | GEN |
| 37405 | WL | 10/18/2021 | RFS01-03.2110009-007 | 100-42-5 | Styrene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37405 | WL | 10/18/2021 | RFS01-03.2110009-007 | 127-18-4 | Tetrachloroethene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37405 | WL | 10/18/2021 | RFS01-03.2110009-007 | 108-88-3 | Toluene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37405 | WL | 10/18/2021 | RFS01-03.2110009-007 | 1330-20-7 | Total Xylenes | N | 1 | ug/L | U | F | 1 | | FQ | G | GEN |
| 37405 | WL | 10/18/2021 | RFS01-03.2110009-007 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37405 | WL | 10/18/2021 | RFS01-03.2110009-007 | 79-01-6 | Trichloroethene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37405 | WL | 10/18/2021 | RFS01-03.2110009-007 | 7440-61-1 | Uranium | Y | 1.19 | ug/L | | F | 0.067 | | FQ | G | GEN |
| 37405 | WL | 10/18/2021 | RFS01-03.2110009-007 | 75-01-4 | Vinyl chloride | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37505 | WL | 10/20/2021 | RFS01-10.2110038-023 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 37505 | WL | 10/20/2021 | RFS01-10.2110038-023 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 37505 | WL | 10/20/2021 | RFS01-10.2110038-023 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| 37505 | WL | 10/20/2021 | RFS01-10.2110038-023 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | F | 0.23 | | FQ | G | STD |
| 37505 | WL | 10/20/2021 | RFS01-10.2110038-023 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 37505 | WL | 10/20/2021 | RFS01-10.2110038-023 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 37505 | WL | 10/20/2021 | RFS01-10.2110038-023 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 37505 | WL | 10/20/2021 | RFS01-10.2110038-023 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |
| 37505 | WL | 10/20/2021 | RFS01-10.2110038-023 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 37505 | WL | 10/20/2021 | RFS01-10.2110038-023 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 37505 | WL | 10/20/2021 | RFS01-10.2110038-023 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 37505 | WL | 10/20/2021 | RFS01-10.2110038-023 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | FQ | G | STD |
| 37505 | WL | 10/20/2021 | RFS01-10.2110038-023 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 37505 | WL | 10/20/2021 | RFS01-10.2110038-023 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 37505 | WL | 10/20/2021 | RFS01-10.2110038-023 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 37505 | WL | 10/20/2021 | RFS01-10.2110038-023 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | FQ | G | STD |
| 37505 | WL | 10/20/2021 | RFS01-10.2110038-023 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 37505 | WL | 10/20/2021 | RFS01-10.2110038-023 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 37505 | WL | 10/20/2021 | RFS01-10.2110038-023 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 37505 | WL | 10/20/2021 | RFS01-10.2110038-023 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | FQ | G | STD |
| 37505 | WL | 10/20/2021 | RFS01-10.2110038-023 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | F | 0.22 | | FQ | G | STD |
| 37505 | WL | 10/20/2021 | RFS01-10.2110038-023 | NO3+NO2 AS N | Nitrate + Nitrite as Nitrogen | N | 1.3 | mg/L | | F | 0.019 | | FQ | G | STD |
| 37505 | WL | 10/20/2021 | RFS01-10.2110038-023 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 37505 | WL | 10/20/2021 | RFS01-10.2110038-023 | 127-18-4 | Tetrachloroethene | N | 0.39 | ug/L | J | F | 0.2 | | FQ | G | STD |
| 37505 | WL | 10/20/2021 | RFS01-10.2110038-023 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 37505 | WL | 10/20/2021 | RFS01-10.2110038-023 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 37505 | WL | 10/20/2021 | RFS01-10.2110038-023 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 37505 | WL | 10/20/2021 | RFS01-10.2110038-023 | 79-01-6 | Trichloroethene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 37505 | WL | 10/20/2021 | RFS01-10.2110038-023 | 7440-61-1 | Uranium | Y | 17 | ug/L | | F | 0.05 | | FQ | G | STD |
| 37505 | WL | 10/20/2021 | RFS01-10.2110038-023 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | FQ | G | STD |
| 37705 | WL | 10/18/2021 | RFS01-03.2110009-009 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37705 | WL | 10/18/2021 | RFS01-03.2110009-009 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37705 | WL | 10/18/2021 | RFS01-03.2110009-009 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37705 | WL | 10/18/2021 | RFS01-03.2110009-009 | 75-35-4 | 1,1-Dichloroethene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37705 | WL | 10/18/2021 | RFS01-03.2110009-009 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37705 | WL | 10/18/2021 | RFS01-03.2110009-009 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37705 | WL | 10/18/2021 | RFS01-03.2110009-009 | 107-06-2 | 1,2-Dichloroethane | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37705 | WL | 10/18/2021 | RFS01-03.2110009-009 | 78-87-5 | 1,2-Dichloropropane | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37705 | WL | 10/18/2021 | RFS01-03.2110009-009 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37705 | WL | 10/18/2021 | RFS01-03.2110009-009 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37705 | WL | 10/18/2021 | RFS01-03.2110009-009 | 14596-10-2 | Americium-241 | Y | -0.0068 | pCi/L | U | F | | 0.016 | FQ | G | GEN |
| 37705 | WL | 10/18/2021 | RFS01-03.2110009-009 | 71-43-2 | Benzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37705 | WL | 10/18/2021 | RFS01-03.2110009-009 | 75-25-2 | Bromoform | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37705 | WL | 10/18/2021 | RFS01-03.2110009-009 | 56-23-5 | Carbon tetrachloride | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37705 | WL | 10/18/2021 | RFS01-03.2110009-009 | 108-90-7 | Chlorobenzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37705 | WL | 10/18/2021 | RFS01-03.2110009-009 | 67-66-3 | Chloroform | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37705 | WL | 10/18/2021 | RFS01-03.2110009-009 | 74-87-3 | Chloromethane | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37705 | WL | 10/18/2021 | RFS01-03.2110009-009 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37705 | WL | 10/18/2021 | RFS01-03.2110009-009 | 100-41-4 | Ethylbenzene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37705 | WL | 10/18/2021 | RFS01-03.2110009-009 | 87-68-3 | Hexachlorobutadiene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37705 | WL | 10/18/2021 | RFS01-03.2110009-009 | 75-09-2 | Methylene chloride | N | 0.5 | ug/L | U | F | 0.5 | | FQ | G | GEN |
| 37705 | WL | 10/18/2021 | RFS01-03.2110009-009 | 91-20-3 | Naphthalene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37705 | WL | 10/18/2021 | RFS01-03.2110009-009 | NO3+NO2 AS N | Nitrate + Nitrite as Nitrogen | N | 0.106 | mg/L | | F | 0.017 | | FQ | G | GEN |
| 37705 | WL | 10/18/2021 | RFS01-03.2110009-009 | PU-239,240 | Plutonium-239, 240 | Y | -0.0033 | pCi/L | U | F | | 0.0165 | FQ | G | GEN |
| 37705 | WL | 10/18/2021 | RFS01-03.2110009-009 | 100-42-5 | Styrene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37705 | WL | 10/18/2021 | RFS01-03.2110009-009 | 127-18-4 | Tetrachloroethene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37705 | WL | 10/18/2021 | RFS01-03.2110009-009 | 108-88-3 | Toluene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37705 | WL | 10/18/2021 | RFS01-03.2110009-009 | 1330-20-7 | Total Xylenes | N | 1 | ug/L | U | F | 1 | | FQ | G | GEN |
| 37705 | WL | 10/18/2021 | RFS01-03.2110009-009 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37705 | WL | 10/18/2021 | RFS01-03.2110009-009 | 79-01-6 | Trichloroethene | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 37705 | WL | 10/18/2021 | RFS01-03.2110009-009 | 7440-61-1 | Uranium | Y | 4.32 | ug/L | | F | 0.067 | | FQ | G | GEN |
| 37705 | WL | 10/18/2021 | RFS01-03.2110009-009 | 75-01-4 | Vinyl chloride | N | 0.333 | ug/L | U | F | 0.333 | | FQ | G | GEN |
| 40305 | WL | 10/19/2021 | RFS01-10.2110038-026 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | F | G | STD |
| 40305 | WL | 10/19/2021 | RFS01-10.2110038-026 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | F | G | STD |
| 40305 | WL | 10/19/2021 | RFS01-10.2110038-026 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | F | G | STD |
| 40305 | WL | 10/19/2021 | RFS01-10.2110038-026 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | F | 0.23 | | F | G | STD |
| 40305 | WL | 10/19/2021 | RFS01-10.2110038-026 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | F | G | STD |
| 40305 | WL | 10/19/2021 | RFS01-10.2110038-026 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | F | G | STD |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40305 | WL | 10/19/2021 | RFS01-10.2110038-026 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | F | G | STD |
| 40305 | WL | 10/19/2021 | RFS01-10.2110038-026 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | F | G | STD |
| 40305 | WL | 10/19/2021 | RFS01-10.2110038-026 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | F | G | STD |
| 40305 | WL | 10/19/2021 | RFS01-10.2110038-026 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | F | G | STD |
| 40305 | WL | 10/19/2021 | RFS01-10.2110038-026 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | F | G | STD |
| 40305 | WL | 10/19/2021 | RFS01-10.2110038-026 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | F | G | STD |
| 40305 | WL | 10/19/2021 | RFS01-10.2110038-026 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | F | G | STD |
| 40305 | WL | 10/19/2021 | RFS01-10.2110038-026 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | F | G | STD |
| 40305 | WL | 10/19/2021 | RFS01-10.2110038-026 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | F | G | STD |
| 40305 | WL | 10/19/2021 | RFS01-10.2110038-026 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | F | G | STD |
| 40305 | WL | 10/19/2021 | RFS01-10.2110038-026 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | F | G | STD |
| 40305 | WL | 10/19/2021 | RFS01-10.2110038-026 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | F | G | STD |
| 40305 | WL | 10/19/2021 | RFS01-10.2110038-026 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | F | G | STD |
| 40305 | WL | 10/19/2021 | RFS01-10.2110038-026 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | F | G | STD |
| 40305 | WL | 10/19/2021 | RFS01-10.2110038-026 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | F | 0.22 | | F | G | STD |
| 40305 | WL | 10/19/2021 | RFS01-10.2110038-026 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | F | G | STD |
| 40305 | WL | 10/19/2021 | RFS01-10.2110038-026 | 127-18-4 | Tetrachloroethene | N | 0.36 | ug/L | J | F | 0.2 | | F | G | STD |
| 40305 | WL | 10/19/2021 | RFS01-10.2110038-026 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | F | G | STD |
| 40305 | WL | 10/19/2021 | RFS01-10.2110038-026 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | F | G | STD |
| 40305 | WL | 10/19/2021 | RFS01-10.2110038-026 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | F | G | STD |
| 40305 | WL | 10/19/2021 | RFS01-10.2110038-026 | 79-01-6 | Trichloroethene | N | 0.27 | ug/L | J | F | 0.16 | | F | G | STD |
| 40305 | WL | 10/19/2021 | RFS01-10.2110038-026 | 7440-61-1 | Uranium | Y | 0.59 | ug/L | | F | 0.05 | | F | G | STD |
| 40305 | WL | 10/19/2021 | RFS01-10.2110038-026 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | F | G | STD |
| 42505 | WL | 10/20/2021 | RFS01-10.2110038-028 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 42505 | WL | 10/20/2021 | RFS01-10.2110038-028 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 42505 | WL | 10/20/2021 | RFS01-10.2110038-028 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| 42505 | WL | 10/20/2021 | RFS01-10.2110038-028 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | F | 0.23 | | FQ | G | STD |
| 42505 | WL | 10/20/2021 | RFS01-10.2110038-028 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 42505 | WL | 10/20/2021 | RFS01-10.2110038-028 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 42505 | WL | 10/20/2021 | RFS01-10.2110038-028 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 42505 | WL | 10/20/2021 | RFS01-10.2110038-028 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |
| 42505 | WL | 10/20/2021 | RFS01-10.2110038-028 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 42505 | WL | 10/20/2021 | RFS01-10.2110038-028 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 42505 | WL | 10/20/2021 | RFS01-10.2110038-028 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 42505 | WL | 10/20/2021 | RFS01-10.2110038-028 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | FQ | G | STD |
| 42505 | WL | 10/20/2021 | RFS01-10.2110038-028 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 42505 | WL | 10/20/2021 | RFS01-10.2110038-028 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 42505 | WL | 10/20/2021 | RFS01-10.2110038-028 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 42505 | WL | 10/20/2021 | RFS01-10.2110038-028 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | FQ | G | STD |
| 42505 | WL | 10/20/2021 | RFS01-10.2110038-028 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.6 | ug/L | J | F | 0.15 | | FQ | G | STD |
| 42505 | WL | 10/20/2021 | RFS01-10.2110038-028 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 42505 | WL | 10/20/2021 | RFS01-10.2110038-028 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 42505 | WL | 10/20/2021 | RFS01-10.2110038-028 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | FQ | G | STD |
| 42505 | WL | 10/20/2021 | RFS01-10.2110038-028 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | F | 0.22 | | FQ | G | STD |
| 42505 | WL | 10/20/2021 | RFS01-10.2110038-028 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 42505 | WL | 10/20/2021 | RFS01-10.2110038-028 | 127-18-4 | Tetrachloroethene | N | 0.2 | ug/L | U | F | 0.2 | | FQ | G | STD |
| 42505 | WL | 10/20/2021 | RFS01-10.2110038-028 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 42505 | WL | 10/20/2021 | RFS01-10.2110038-028 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 42505 | WL | 10/20/2021 | RFS01-10.2110038-028 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 42505 | WL | 10/20/2021 | RFS01-10.2110038-028 | 79-01-6 | Trichloroethene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 42505 | WL | 10/20/2021 | RFS01-10.2110038-028 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | FQ | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-029 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-076 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | D | 0.16 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-029 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-076 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | D | 0.21 | | F | G | STD |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-029 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-076 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | D | 0.27 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-029 | 75-35-4 | 1,1-Dichloroethene | N | 0.77 | ug/L | J | F | 0.23 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-076 | 75-35-4 | 1,1-Dichloroethene | N | 0.5 | ug/L | J | D | 0.23 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-029 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-076 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | D | 0.21 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-029 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-076 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | D | 0.15 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-029 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-076 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | D | 0.13 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-029 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-076 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | D | 0.18 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-029 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.15 | ug/L | J | F | 0.13 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-076 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | D | 0.13 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-029 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-076 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | D | 0.16 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-029 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-076 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | D | 0.16 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-029 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-076 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | D | 0.46 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-029 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-076 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | D | 0.19 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-029 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-076 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | D | 0.17 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-029 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-076 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | D | 0.16 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-029 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-076 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | D | 0.3 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-029 | 156-59-2 | cis-1,2-Dichloroethene | N | 110 | ug/L | | F | 0.15 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-076 | 156-59-2 | cis-1,2-Dichloroethene | N | 100 | ug/L | | D | 0.15 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-029 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-076 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | D | 0.16 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-029 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-076 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | D | 0.36 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-029 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-076 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | D | 0.94 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-029 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | F | 0.22 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-076 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | D | 0.22 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-029 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-076 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | D | 0.36 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-029 | 127-18-4 | Tetrachloroethene | N | 0.52 | ug/L | J | F | 0.2 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-076 | 127-18-4 | Tetrachloroethene | N | 0.37 | ug/L | J | D | 0.2 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-029 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-076 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | D | 0.17 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-029 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-076 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | D | 0.19 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-029 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.9 | ug/L | J | F | 0.15 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-076 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.59 | ug/L | J | D | 0.15 | | F | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-029 | 79-01-6 | Trichloroethene | N | 7.6 | ug/L | | F | 0.16 | | FJ | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-076 | 79-01-6 | Trichloroethene | N | 5.6 | ug/L | | D | 0.16 | | FJ | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-029 | 75-01-4 | Vinyl chloride | N | 21 | ug/L | | F | 0.1 | | FJ | G | STD |
| 45608 | WL | 10/19/2021 | RFS01-10.2110038-076 | 75-01-4 | Vinyl chloride | N | 16 | ug/L | | D | 0.1 | | FJ | G | STD |
| 52505 | WL | 10/20/2021 | RFS01-10.2110038-031 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 52505 | WL | 10/20/2021 | RFS01-10.2110038-031 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 52505 | WL | 10/20/2021 | RFS01-10.2110038-031 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 52505 | WL | 10/20/2021 | RFS01-10.2110038-031 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | F | 0.23 | | FQ | G | STD |
| 52505 | WL | 10/20/2021 | RFS01-10.2110038-031 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 52505 | WL | 10/20/2021 | RFS01-10.2110038-031 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 52505 | WL | 10/20/2021 | RFS01-10.2110038-031 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 52505 | WL | 10/20/2021 | RFS01-10.2110038-031 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |
| 52505 | WL | 10/20/2021 | RFS01-10.2110038-031 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 52505 | WL | 10/20/2021 | RFS01-10.2110038-031 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 52505 | WL | 10/20/2021 | RFS01-10.2110038-031 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 52505 | WL | 10/20/2021 | RFS01-10.2110038-031 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | FQ | G | STD |
| 52505 | WL | 10/20/2021 | RFS01-10.2110038-031 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 52505 | WL | 10/20/2021 | RFS01-10.2110038-031 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 52505 | WL | 10/20/2021 | RFS01-10.2110038-031 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 52505 | WL | 10/20/2021 | RFS01-10.2110038-031 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | FQ | G | STD |
| 52505 | WL | 10/20/2021 | RFS01-10.2110038-031 | 156-59-2 | cis-1,2-Dichloroethene | N | 2.4 | ug/L | | F | 0.15 | | FQ | G | STD |
| 52505 | WL | 10/20/2021 | RFS01-10.2110038-031 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 52505 | WL | 10/20/2021 | RFS01-10.2110038-031 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 52505 | WL | 10/20/2021 | RFS01-10.2110038-031 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | FQ | G | STD |
| 52505 | WL | 10/20/2021 | RFS01-10.2110038-031 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | F | 0.22 | | FQ | G | STD |
| 52505 | WL | 10/20/2021 | RFS01-10.2110038-031 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 52505 | WL | 10/20/2021 | RFS01-10.2110038-031 | 127-18-4 | Tetrachloroethene | N | 0.2 | ug/L | U | F | 0.2 | | FQ | G | STD |
| 52505 | WL | 10/20/2021 | RFS01-10.2110038-031 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 52505 | WL | 10/20/2021 | RFS01-10.2110038-031 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 52505 | WL | 10/20/2021 | RFS01-10.2110038-031 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 52505 | WL | 10/20/2021 | RFS01-10.2110038-031 | 79-01-6 | Trichloroethene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 52505 | WL | 10/20/2021 | RFS01-10.2110038-031 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | FQ | G | STD |
| 70099 | WL | 10/19/2021 | RFS01-10.2110038-032 | NO3+NO2 AS N | Nitrate + Nitrite as Nitrogen | N | 1.7 | mg/L | | F | 0.019 | | FQ | G | STD |
| 70099 | WL | 10/19/2021 | RFS01-10.2110038-032 | 7440-61-1 | Uranium | Y | 61 | ug/L | | F | 0.05 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | F | 0.23 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 7440-38-2 | Arsenic | Y | 0.33 | ug/L | U | F | 0.33 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 7440-41-7 | Beryllium | Y | 0.08 | ug/L | U | F | 0.08 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 7440-42-8 | Boron | Y | 17 | ug/L | J | F | 4.4 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 7440-43-9 | Cadmium | Y | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 7440-47-3 | Chromium | Y | 0.64 | ug/L | J | F | 0.5 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 7440-50-8 | Copper | Y | 0.56 | ug/L | U | F | 0.56 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 7439-92-1 | Lead | Y | 0.85 | ug/L | J B | F | 0.18 | | FQU | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 7439-97-6 | Mercury | Y | 0.027 | ug/L | U | F | 0.027 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | F | 0.22 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 7440-02-0 | Nickel | Y | 0.3 | ug/L | U | F | 0.3 | | FQ | G | STD |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 7782-49-2 | Selenium | Y | 4.8 | ug/L | | F | 0.37 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 7440-22-4 | Silver | Y | 0.033 | ug/L | U | F | 0.033 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 127-18-4 | Tetrachloroethene | N | 0.2 | ug/L | U | F | 0.2 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 79-01-6 | Trichloroethene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 7440-61-1 | Uranium | Y | 0.07 | ug/L | J | F | 0.05 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | FQ | G | STD |
| 70193 | WL | 10/19/2021 | RFS01-10.2110038-033 | 7440-66-6 | Zinc | Y | 2 | ug/L | U | F | 2 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 75-35-4 | 1,1-Dichloroethene | N | 2 | ug/L | | F | 0.23 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 7440-38-2 | Arsenic | Y | 0.33 | ug/L | U | F | 0.33 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 7440-41-7 | Beryllium | Y | 0.09 | ug/L | J | F | 0.08 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 7440-42-8 | Boron | Y | 7.6 | ug/L | J | F | 4.4 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 7440-43-9 | Cadmium | Y | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 7440-47-3 | Chromium | Y | 0.5 | ug/L | U | F | 0.5 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 7440-50-8 | Copper | Y | 0.56 | ug/L | U | F | 0.56 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 7439-92-1 | Lead | Y | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 7439-97-6 | Mercury | Y | 0.027 | ug/L | U | F | 0.027 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | F | 0.22 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 7440-02-0 | Nickel | Y | 0.94 | ug/L | J | F | 0.3 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 7782-49-2 | Selenium | Y | 1 | ug/L | J | F | 0.37 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 7440-22-4 | Silver | Y | 0.033 | ug/L | U | F | 0.033 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 127-18-4 | Tetrachloroethene | N | 1.4 | ug/L | | F | 0.2 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 79-01-6 | Trichloroethene | N | 7.1 | ug/L | | F | 0.16 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 7440-61-1 | Uranium | Y | 0.05 | ug/L | U | F | 0.05 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | FQ | G | STD |
| 70393 | WL | 10/19/2021 | RFS01-10.2110038-034 | 7440-66-6 | Zinc | Y | 2 | ug/L | U | F | 2 | | FQ | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 75-35-4 | 1,1-Dichloroethene | N | 0.72 | ug/L | J | F | 0.23 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | F | G | STD |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 7440-38-2 | Arsenic | Y | 0.47 | ug/L | J | F | 0.33 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 7440-41-7 | Beryllium | Y | 0.08 | ug/L | U | F | 0.08 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 7440-42-8 | Boron | Y | 29 | ug/L | J | F | 4.4 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 7440-43-9 | Cadmium | Y | 0.27 | ug/L | U | F | 0.27 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 7440-47-3 | Chromium | Y | 0.5 | ug/L | U | F | 0.5 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 7440-50-8 | Copper | Y | 3.6 | ug/L | | F | 0.56 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 7439-92-1 | Lead | Y | 0.18 | ug/L | U | F | 0.18 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 7439-97-6 | Mercury | Y | 0.027 | ug/L | U | F | 0.027 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | F | 0.22 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 7440-02-0 | Nickel | Y | 0.79 | ug/L | J | F | 0.3 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 7782-49-2 | Selenium | Y | 0.93 | ug/L | J | F | 0.37 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 7440-22-4 | Silver | Y | 0.064 | ug/L | J | F | 0.033 | | FU | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 127-18-4 | Tetrachloroethene | N | 0.58 | ug/L | J | F | 0.2 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 79-01-6 | Trichloroethene | N | 1.7 | ug/L | | F | 0.16 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 7440-61-1 | Uranium | Y | 0.054 | ug/L | J | F | 0.05 | | FU | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | F | G | STD |
| 70693 | WL | 10/19/2021 | RFS01-10.2110038-035 | 7440-66-6 | Zinc | Y | 2 | ug/L | U | F | 2 | | F | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | F | 0.23 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 7440-38-2 | Arsenic | Y | 0.33 | ug/L | U | F | 0.33 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 7440-41-7 | Beryllium | Y | 0.18 | ug/L | J | F | 0.08 | | FQU | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 7440-42-8 | Boron | Y | 40 | ug/L | | F | 4.4 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 7440-43-9 | Cadmium | Y | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 7440-47-3 | Chromium | Y | 0.7 | ug/L | J | F | 0.5 | | FJQ | G | STD |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 7440-50-8 | Copper | Y | 0.94 | ug/L | J | F | 0.56 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 7439-92-1 | Lead | Y | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 7439-97-6 | Mercury | Y | 0.027 | ug/L | U | F | 0.027 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | F | 0.22 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 7440-02-0 | Nickel | Y | 1.5 | ug/L | J | F | 0.3 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 7782-49-2 | Selenium | Y | 6.4 | ug/L | | F | 0.37 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 7440-22-4 | Silver | Y | 0.092 | ug/L | J | F | 0.033 | | FQU | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 127-18-4 | Tetrachloroethene | N | 0.2 | ug/L | U | F | 0.2 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 79-01-6 | Trichloroethene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 7440-61-1 | Uranium | Y | 42 | ug/L | | F | 0.05 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | FQ | G | STD |
| 73005 | WL | 10/19/2021 | RFS01-10.2110038-036 | 7440-66-6 | Zinc | Y | 3.5 | ug/L | J | F | 2 | | FQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | F | 0.23 | | FQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 7440-38-2 | Arsenic | Y | 0.33 | ug/L | U | F | 0.33 | | FJQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 7440-41-7 | Beryllium | Y | 0.08 | ug/L | U | F | 0.08 | | FJQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 7440-42-8 | Boron | Y | 130 | ug/L | | F | 4.4 | | FJQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | FQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 7440-43-9 | Cadmium | Y | 0.27 | ug/L | U | F | 0.27 | | FJQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | FQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 7440-47-3 | Chromium | Y | 0.5 | ug/L | U | F | 0.5 | | FJQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 7440-50-8 | Copper | Y | 1 | ug/L | J | F | 0.56 | | FJQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 7439-92-1 | Lead | Y | 0.18 | ug/L | U | F | 0.18 | | FJQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 7439-97-6 | Mercury | Y | 0.027 | ug/L | U | F | 0.027 | | FJQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | FQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | F | 0.22 | | FQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 7440-02-0 | Nickel | Y | 2.6 | ug/L | | F | 0.3 | | FJQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 7782-49-2 | Selenium | Y | 0.37 | ug/L | U | F | 0.37 | | FJQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 7440-22-4 | Silver | Y | 0.033 | ug/L | U | F | 0.033 | | FJQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 127-18-4 | Tetrachloroethene | N | 0.2 | ug/L | U | F | 0.2 | | FQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 79-01-6 | Trichloroethene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 7440-61-1 | Uranium | Y | 22 | ug/L | | F | 0.05 | | FJQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | FQ | G | STD |
| 73105 | WL | 10/19/2021 | RFS01-10.2110038-037 | 7440-66-6 | Zinc | Y | 2.1 | ug/L | J | F | 2 | | FJQU | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | F | 0.23 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 7440-38-2 | Arsenic | Y | 0.71 | ug/L | J | F | 0.33 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 7440-41-7 | Beryllium | Y | 0.08 | ug/L | U | F | 0.08 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 7440-42-8 | Boron | Y | 67 | ug/L | | F | 4.4 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 7440-43-9 | Cadmium | Y | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 7440-47-3 | Chromium | Y | 0.5 | ug/L | U | F | 0.5 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 7440-50-8 | Copper | Y | 1.4 | ug/L | J | F | 0.56 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 7439-92-1 | Lead | Y | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 7439-97-6 | Mercury | Y | 0.027 | ug/L | U | F | 0.027 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | F | 0.22 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 7440-02-0 | Nickel | Y | 2.1 | ug/L | | F | 0.3 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 7782-49-2 | Selenium | Y | 290 | ug/L | | F | 0.37 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 7440-22-4 | Silver | Y | 0.052 | ug/L | J | F | 0.033 | | FQU | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 127-18-4 | Tetrachloroethene | N | 0.2 | ug/L | U | F | 0.2 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 79-01-6 | Trichloroethene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 7440-61-1 | Uranium | Y | 120 | ug/L | | F | 0.05 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | FQ | G | STD |
| 73205 | WL | 10/19/2021 | RFS01-10.2110038-038 | 7440-66-6 | Zinc | Y | 3.5 | ug/L | J | F | 2 | | FQU | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | D | 0.16 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | D | 0.21 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | D | 0.27 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | D | 0.23 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | F | 0.23 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | D | 0.21 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | D | 0.15 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | D | 0.13 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | D | 0.18 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | D | 0.13 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | D | 0.16 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 91-58-7 | 2-Chloronaphthalene | N | 0.25 | ug/L | U | D | 0.25 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 91-58-7 | 2-Chloronaphthalene | N | 0.25 | ug/L | U | F | 0.25 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-017 | 83-32-9 | Acenaphthene | N | 0.01 | ug/L | U | D | 0.01 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-040 | 83-32-9 | Acenaphthene | N | 0.01 | ug/L | U | F | 0.01 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-017 | 120-12-7 | Anthracene | N | 0.014 | ug/L | U | D | 0.014 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-040 | 120-12-7 | Anthracene | N | 0.014 | ug/L | U | F | 0.014 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 7440-38-2 | Arsenic | Y | 0.33 | ug/L | U | D | 0.33 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 7440-38-2 | Arsenic | Y | 0.4 | ug/L | J | F | 0.33 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | D | 0.16 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-017 | 50-32-8 | Benzo(a)pyrene | N | 0.005 | ug/L | U | D | 0.005 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-040 | 50-32-8 | Benzo(a)pyrene | N | 0.0049 | ug/L | U | F | 0.0049 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-017 | 191-24-2 | Benzo(g,h,i)Perylene | N | 0.0079 | ug/L | U | D | 0.0079 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-040 | 191-24-2 | Benzo(g,h,i)Perylene | N | 0.0078 | ug/L | U | F | 0.0078 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 7440-41-7 | Beryllium | Y | 0.08 | ug/L | U | D | 0.08 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 7440-41-7 | Beryllium | Y | 0.08 | ug/L | U | F | 0.08 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 108-60-1 | Bis(2-chloroisopropyl) ether | N | 0.27 | ug/L | U | D | 0.27 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 108-60-1 | Bis(2-chloroisopropyl) ether | N | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 117-81-7 | Bis(2-ethylhexyl) phthalate | N | 0.54 | ug/L | U | D | 0.54 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 117-81-7 | Bis(2-ethylhexyl) phthalate | N | 0.54 | ug/L | U | F | 0.54 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 7440-42-8 | Boron | Y | 52 | ug/L | | D | 4.4 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 7440-42-8 | Boron | Y | 52 | ug/L | | F | 4.4 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | D | 0.46 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 7440-43-9 | Cadmium | Y | 0.27 | ug/L | U | D | 0.27 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 7440-43-9 | Cadmium | Y | 0.29 | ug/L | J | F | 0.27 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | D | 0.19 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | D | 0.17 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | D | 0.16 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | D | 0.3 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 7440-47-3 | Chromium | Y | 1.9 | ug/L | J | D | 0.5 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 7440-47-3 | Chromium | Y | 0.5 | ug/L | U | F | 0.5 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-017 | 218-01-9 | Chrysene | N | 0.012 | ug/L | U | D | 0.012 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-040 | 218-01-9 | Chrysene | N | 0.012 | ug/L | U | F | 0.012 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.15 | ug/L | U | D | 0.15 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 7440-50-8 | Copper | Y | 14 | ug/L | | D | 0.56 | | FJQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 7440-50-8 | Copper | Y | 1.1 | ug/L | J | F | 0.56 | | FJQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-017 | 53-70-3 | Dibenz(a,h)anthracene | N | 0.0046 | ug/L | U | D | 0.0046 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-040 | 53-70-3 | Dibenz(a,h)anthracene | N | 0.0046 | ug/L | U | F | 0.0046 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 84-66-2 | Diethyl phthalate | N | 0.36 | ug/L | U | D | 0.36 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 84-66-2 | Diethyl phthalate | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 131-11-3 | Dimethyl phthalate | N | 0.2 | ug/L | U | D | 0.2 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 131-11-3 | Dimethyl phthalate | N | 0.2 | ug/L | U | F | 0.2 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 84-74-2 | Di-n-butyl phthalate | N | 1.1 | ug/L | U | D | 1.1 | | FQ | G | STD |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 84-74-2 | Di-n-butyl phthalate | N | 1.1 | ug/L | U | F | 1.1 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | D | 0.16 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-017 | 206-44-0 | Fluoranthene | N | 0.033 | ug/L | U | D | 0.033 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-040 | 206-44-0 | Fluoranthene | N | 0.033 | ug/L | U | F | 0.033 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-017 | 86-73-7 | Fluorene | N | 0.018 | ug/L | U | D | 0.018 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-040 | 86-73-7 | Fluorene | N | 0.018 | ug/L | U | F | 0.018 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | D | 0.36 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 67-72-1 | Hexachloroethane | N | 0.94 | ug/L | U | D | 0.94 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 67-72-1 | Hexachloroethane | N | 0.94 | ug/L | U | F | 0.94 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 78-59-1 | Isophorone | N | 0.2 | ug/L | U | D | 0.2 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 78-59-1 | Isophorone | N | 0.2 | ug/L | U | F | 0.2 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 7439-92-1 | Lead | Y | 0.58 | ug/L | J B | D | 0.18 | | FQU | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 7439-92-1 | Lead | Y | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 7439-97-6 | Mercury | Y | 0.027 | ug/L | U | D | 0.027 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 7439-97-6 | Mercury | Y | 0.027 | ug/L | U | F | 0.027 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | D | 0.94 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-017 | 91-20-3 | Naphthalene | N | 0.0051 | ug/L | U | D | 0.0051 | | FJQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-040 | 91-20-3 | Naphthalene | N | 0.035 | ug/L | | F | 0.0051 | | FJQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 7440-02-0 | Nickel | Y | 3.2 | ug/L | | D | 0.3 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 7440-02-0 | Nickel | Y | 2.9 | ug/L | | F | 0.3 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-017 | 129-00-0 | Pyrene | N | 0.0078 | ug/L | U | D | 0.0078 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-040 | 129-00-0 | Pyrene | N | 0.0078 | ug/L | U | F | 0.0078 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 7782-49-2 | Selenium | Y | 0.37 | ug/L | U | D | 0.37 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 7782-49-2 | Selenium | Y | 0.37 | ug/L | U | F | 0.37 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 7440-22-4 | Silver | Y | 0.053 | ug/L | J | D | 0.033 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 7440-22-4 | Silver | Y | 0.061 | ug/L | J | F | 0.033 | | FQU | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | D | 0.36 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 127-18-4 | Tetrachloroethene | N | 0.2 | ug/L | U | D | 0.2 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 127-18-4 | Tetrachloroethene | N | 0.2 | ug/L | U | F | 0.2 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | D | 0.17 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | D | 0.19 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | D | 0.15 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 79-01-6 | Trichloroethene | N | 0.59 | ug/L | J | D | 0.16 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 79-01-6 | Trichloroethene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 7440-61-1 | Uranium | Y | 9.3 | ug/L | | D | 0.05 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 7440-61-1 | Uranium | Y | 9.3 | ug/L | | F | 0.05 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | D | 0.1 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-016 | 7440-66-6 | Zinc | Y | 11 | ug/L | | D | 2 | | FQ | G | STD |
| 80005 | WL | 10/20/2021 | RFS01-10.2110038-039 | 7440-66-6 | Zinc | Y | 2 | ug/L | J | F | 2 | | FQU | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | F | 0.23 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 91-58-7 | 2-Chloronaphthalene | N | 0.25 | ug/L | U | F | 0.25 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-042 | 83-32-9 | Acenaphthene | N | 0.01 | ug/L | U | F | 0.01 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-042 | 120-12-7 | Anthracene | N | 0.014 | ug/L | U | F | 0.014 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 7440-38-2 | Arsenic | Y | 0.33 | ug/L | U | F | 0.33 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-042 | 50-32-8 | Benzo(a)pyrene | N | 0.0049 | ug/L | U | F | 0.0049 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-042 | 191-24-2 | Benzo(g,h,i)Perylene | N | 0.0078 | ug/L | U | F | 0.0078 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 7440-41-7 | Beryllium | Y | 0.08 | ug/L | U | F | 0.08 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 108-60-1 | Bis(2-chloroisopropyl) ether | N | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 117-81-7 | Bis(2-ethylhexyl) phthalate | N | 0.54 | ug/L | U | F | 0.54 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 7440-42-8 | Boron | Y | 150 | ug/L | | F | 4.4 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 7440-43-9 | Cadmium | Y | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 7440-47-3 | Chromium | Y | 0.5 | ug/L | U | F | 0.5 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-042 | 218-01-9 | Chrysene | N | 0.012 | ug/L | U | F | 0.012 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 7440-50-8 | Copper | Y | 0.64 | ug/L | J | F | 0.56 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-042 | 53-70-3 | Dibenz(a,h)anthracene | N | 0.0046 | ug/L | U | F | 0.0046 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 84-66-2 | Diethyl phthalate | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 131-11-3 | Dimethyl phthalate | N | 0.2 | ug/L | U | F | 0.2 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 84-74-2 | Di-n-butyl phthalate | N | 1.1 | ug/L | U | F | 1.1 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-042 | 206-44-0 | Fluoranthene | N | 0.033 | ug/L | U | F | 0.033 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-042 | 86-73-7 | Fluorene | N | 0.018 | ug/L | U | F | 0.018 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 67-72-1 | Hexachloroethane | N | 0.94 | ug/L | U | F | 0.94 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 78-59-1 | Isophorone | N | 0.2 | ug/L | U | F | 0.2 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 7439-92-1 | Lead | Y | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 7439-97-6 | Mercury | Y | 0.027 | ug/L | U | F | 0.027 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-042 | 91-20-3 | Naphthalene | N | 0.0051 | ug/L | U | F | 0.0051 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 7440-02-0 | Nickel | Y | 0.52 | ug/L | J | F | 0.3 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-042 | 129-00-0 | Pyrene | N | 0.0078 | ug/L | U | F | 0.0078 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 7782-49-2 | Selenium | Y | 0.37 | ug/L | U | F | 0.37 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 7440-22-4 | Silver | Y | 0.033 | ug/L | U | F | 0.033 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 127-18-4 | Tetrachloroethene | N | 0.2 | ug/L | U | F | 0.2 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 79-01-6 | Trichloroethene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 7440-61-1 | Uranium | Y | 6.5 | ug/L | | F | 0.05 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | FQ | G | STD |
| 80105 | WL | 10/20/2021 | RFS01-10.2110038-041 | 7440-66-6 | Zinc | Y | 3.1 | ug/L | J | F | 2 | | FQU | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | F | 0.23 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 91-58-7 | 2-Chloronaphthalene | N | 0.25 | ug/L | U S | F | 0.25 | | FJQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-044 | 83-32-9 | Acenaphthene | N | 0.011 | ug/L | U | F | 0.011 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-044 | 120-12-7 | Anthracene | N | 0.014 | ug/L | U | F | 0.014 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 7440-38-2 | Arsenic | Y | 0.52 | ug/L | J | F | 0.33 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-044 | 50-32-8 | Benzo(a)pyrene | N | 0.005 | ug/L | U | F | 0.005 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-044 | 191-24-2 | Benzo(g,h,i)Perylene | N | 0.0079 | ug/L | U | F | 0.0079 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 7440-41-7 | Beryllium | Y | 0.08 | ug/L | U | F | 0.08 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 108-60-1 | Bis(2-chloroisopropyl) ether | N | 0.27 | ug/L | U S | F | 0.27 | | FJQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 117-81-7 | Bis(2-ethylhexyl) phthalate | N | 0.54 | ug/L | U S | F | 0.54 | | FJQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 7440-42-8 | Boron | Y | 89 | ug/L | | F | 4.4 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 7440-43-9 | Cadmium | Y | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 7440-47-3 | Chromium | Y | 0.5 | ug/L | U | F | 0.5 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-044 | 218-01-9 | Chrysene | N | 0.012 | ug/L | U | F | 0.012 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 7440-50-8 | Copper | Y | 0.71 | ug/L | J | F | 0.56 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-044 | 53-70-3 | Dibenz(a,h)anthracene | N | 0.0047 | ug/L | U | F | 0.0047 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 84-66-2 | Diethyl phthalate | N | 0.37 | ug/L | U S | F | 0.37 | | FJQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 131-11-3 | Dimethyl phthalate | N | 0.2 | ug/L | U S | F | 0.2 | | FJQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 84-74-2 | Di-n-butyl phthalate | N | 1.1 | ug/L | U S | F | 1.1 | | FJQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-044 | 206-44-0 | Fluoranthene | N | 0.034 | ug/L | U | F | 0.034 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-044 | 86-73-7 | Fluorene | N | 0.018 | ug/L | U | F | 0.018 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 67-72-1 | Hexachloroethane | N | 0.95 | ug/L | U S | F | 0.95 | | FJQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 78-59-1 | Isophorone | N | 0.2 | ug/L | U S | F | 0.2 | | FJQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 7439-92-1 | Lead | Y | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 7439-97-6 | Mercury | Y | 0.027 | ug/L | U | F | 0.027 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-044 | 91-20-3 | Naphthalene | N | 0.025 | ug/L | | F | 0.0052 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 7440-02-0 | Nickel | Y | 4.3 | ug/L | | F | 0.3 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-044 | 129-00-0 | Pyrene | N | 0.0079 | ug/L | U | F | 0.0079 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 7782-49-2 | Selenium | Y | 0.37 | ug/L | U | F | 0.37 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 7440-22-4 | Silver | Y | 0.033 | ug/L | U | F | 0.033 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 127-18-4 | Tetrachloroethene | N | 0.2 | ug/L | U | F | 0.2 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 79-01-6 | Trichloroethene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 7440-61-1 | Uranium | Y | 42 | ug/L | | F | 0.05 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | FQ | G | STD |
| 80205 | WL | 10/20/2021 | RFS01-10.2110038-043 | 7440-66-6 | Zinc | Y | 2 | ug/L | U | F | 2 | | FQ | G | STD |
| 89104 | WL | 10/18/2021 | RFS01-10.2110038-046 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 89104 | WL | 10/18/2021 | RFS01-10.2110038-046 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 89104 | WL | 10/18/2021 | RFS01-10.2110038-046 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| 89104 | WL | 10/18/2021 | RFS01-10.2110038-046 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | F | 0.23 | | FQ | G | STD |
| 89104 | WL | 10/18/2021 | RFS01-10.2110038-046 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 89104 | WL | 10/18/2021 | RFS01-10.2110038-046 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 89104 | WL | 10/18/2021 | RFS01-10.2110038-046 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 89104 | WL | 10/18/2021 | RFS01-10.2110038-046 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 89104 | WL | 10/18/2021 | RFS01-10.2110038-046 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 89104 | WL | 10/18/2021 | RFS01-10.2110038-046 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 89104 | WL | 10/18/2021 | RFS01-10.2110038-046 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 89104 | WL | 10/18/2021 | RFS01-10.2110038-046 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | FQ | G | STD |
| 89104 | WL | 10/18/2021 | RFS01-10.2110038-046 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 89104 | WL | 10/18/2021 | RFS01-10.2110038-046 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 89104 | WL | 10/18/2021 | RFS01-10.2110038-046 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 89104 | WL | 10/18/2021 | RFS01-10.2110038-046 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | FQ | G | STD |
| 89104 | WL | 10/18/2021 | RFS01-10.2110038-046 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 89104 | WL | 10/18/2021 | RFS01-10.2110038-046 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 89104 | WL | 10/18/2021 | RFS01-10.2110038-046 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 89104 | WL | 10/18/2021 | RFS01-10.2110038-046 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | FQ | G | STD |
| 89104 | WL | 10/18/2021 | RFS01-10.2110038-046 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | F | 0.22 | | FQ | G | STD |
| 89104 | WL | 10/18/2021 | RFS01-10.2110038-046 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 89104 | WL | 10/18/2021 | RFS01-10.2110038-046 | 127-18-4 | Tetrachloroethene | N | 0.2 | ug/L | U | F | 0.2 | | FQ | G | STD |
| 89104 | WL | 10/18/2021 | RFS01-10.2110038-046 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 89104 | WL | 10/18/2021 | RFS01-10.2110038-046 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 89104 | WL | 10/18/2021 | RFS01-10.2110038-046 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 89104 | WL | 10/18/2021 | RFS01-10.2110038-046 | 79-01-6 | Trichloroethene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 89104 | WL | 10/18/2021 | RFS01-10.2110038-046 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | FQ | G | STD |
| 90399 | WL | 10/18/2021 | RFS01-10.2110038-049 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.64 | ug/L | U | F | 0.64 | | FQ | G | STD |
| 90399 | WL | 10/18/2021 | RFS01-10.2110038-049 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.84 | ug/L | U | F | 0.84 | | FQ | G | STD |
| 90399 | WL | 10/18/2021 | RFS01-10.2110038-049 | 79-00-5 | 1,1,2-Trichloroethane | N | 1.1 | ug/L | U | F | 1.1 | | FQ | G | STD |
| 90399 | WL | 10/18/2021 | RFS01-10.2110038-049 | 75-35-4 | 1,1-Dichloroethene | N | 0.92 | ug/L | U | F | 0.92 | | FQ | G | STD |
| 90399 | WL | 10/18/2021 | RFS01-10.2110038-049 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.84 | ug/L | U | F | 0.84 | | FQ | G | STD |
| 90399 | WL | 10/18/2021 | RFS01-10.2110038-049 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.6 | ug/L | U | F | 0.6 | | FQ | G | STD |
| 90399 | WL | 10/18/2021 | RFS01-10.2110038-049 | 107-06-2 | 1,2-Dichloroethane | N | 0.52 | ug/L | U | F | 0.52 | | FQ | G | STD |
| 90399 | WL | 10/18/2021 | RFS01-10.2110038-049 | 78-87-5 | 1,2-Dichloropropane | N | 0.72 | ug/L | U | F | 0.72 | | FQ | G | STD |
| 90399 | WL | 10/18/2021 | RFS01-10.2110038-049 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.52 | ug/L | U | F | 0.52 | | FQ | G | STD |
| 90399 | WL | 10/18/2021 | RFS01-10.2110038-049 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.64 | ug/L | U | F | 0.64 | | FQ | G | STD |
| 90399 | WL | 10/18/2021 | RFS01-10.2110038-049 | 71-43-2 | Benzene | N | 0.64 | ug/L | U | F | 0.64 | | FQ | G | STD |
| 90399 | WL | 10/18/2021 | RFS01-10.2110038-049 | 75-25-2 | Bromoform | N | 1.8 | ug/L | U | F | 1.8 | | FQ | G | STD |
| 90399 | WL | 10/18/2021 | RFS01-10.2110038-049 | 56-23-5 | Carbon tetrachloride | N | 110 | ug/L | | F | 0.76 | | FQ | G | STD |
| 90399 | WL | 10/18/2021 | RFS01-10.2110038-049 | 108-90-7 | Chlorobenzene | N | 0.68 | ug/L | U | F | 0.68 | | FQ | G | STD |
| 90399 | WL | 10/18/2021 | RFS01-10.2110038-049 | 67-66-3 | Chloroform | N | 39 | ug/L | | F | 0.64 | | FQ | G | STD |
| 90399 | WL | 10/18/2021 | RFS01-10.2110038-049 | 74-87-3 | Chloromethane | N | 1.2 | ug/L | U | F | 1.2 | | FQ | G | STD |
| 90399 | WL | 10/18/2021 | RFS01-10.2110038-049 | 156-59-2 | cis-1,2-Dichloroethene | N | 6.1 | ug/L | | F | 0.6 | | FQ | G | STD |
| 90399 | WL | 10/18/2021 | RFS01-10.2110038-049 | 100-41-4 | Ethylbenzene | N | 0.64 | ug/L | U | F | 0.64 | | FQ | G | STD |
| 90399 | WL | 10/18/2021 | RFS01-10.2110038-049 | 87-68-3 | Hexachlorobutadiene | N | 1.4 | ug/L | U | F | 1.4 | | FQ | G | STD |
| 90399 | WL | 10/18/2021 | RFS01-10.2110038-049 | 75-09-2 | Methylene chloride | N | 3.8 | ug/L | U | F | 3.8 | | FQ | G | STD |
| 90399 | WL | 10/18/2021 | RFS01-10.2110038-049 | 91-20-3 | Naphthalene | N | 0.88 | ug/L | U | F | 0.88 | | FQ | G | STD |
| 90399 | WL | 10/18/2021 | RFS01-10.2110038-049 | 100-42-5 | Styrene | N | 1.4 | ug/L | U | F | 1.4 | | FQ | G | STD |
| 90399 | WL | 10/18/2021 | RFS01-10.2110038-049 | 127-18-4 | Tetrachloroethene | N | 14 | ug/L | | F | 0.8 | | FQ | G | STD |
| 90399 | WL | 10/18/2021 | RFS01-10.2110038-049 | 108-88-3 | Toluene | N | 0.68 | ug/L | U | F | 0.68 | | FQ | G | STD |
| 90399 | WL | 10/18/2021 | RFS01-10.2110038-049 | 1330-20-7 | Total Xylenes | N | 0.76 | ug/L | U | F | 0.76 | | FQ | G | STD |
| 90399 | WL | 10/18/2021 | RFS01-10.2110038-049 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.6 | ug/L | U | F | 0.6 | | FQ | G | STD |
| 90399 | WL | 10/18/2021 | RFS01-10.2110038-049 | 79-01-6 | Trichloroethene | N | 550 | ug/L | | F | 0.64 | | FQ | G | STD |
| 90399 | WL | 10/18/2021 | RFS01-10.2110038-049 | 75-01-4 | Vinyl chloride | N | 0.4 | ug/L | U | F | 0.4 | | FQ | G | STD |
| 91203 | WL | 10/19/2021 | RFS01-10.2110038-052 | 71-55-6 | 1,1,1-Trichloroethane | N | 2.1 | ug/L | | F | 0.16 | | FQ | G | STD |
| 91203 | WL | 10/19/2021 | RFS01-10.2110038-052 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 91203 | WL | 10/19/2021 | RFS01-10.2110038-052 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| 91203 | WL | 10/19/2021 | RFS01-10.2110038-052 | 75-35-4 | 1,1-Dichloroethene | N | 0.96 | ug/L | J | F | 0.23 | | FQ | G | STD |
| 91203 | WL | 10/19/2021 | RFS01-10.2110038-052 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 91203 | WL | 10/19/2021 | RFS01-10.2110038-052 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 91203 | WL | 10/19/2021 | RFS01-10.2110038-052 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 91203 | WL | 10/19/2021 | RFS01-10.2110038-052 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |
| 91203 | WL | 10/19/2021 | RFS01-10.2110038-052 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 91203 | WL | 10/19/2021 | RFS01-10.2110038-052 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 91203 | WL | 10/19/2021 | RFS01-10.2110038-052 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 91203 | WL | 10/19/2021 | RFS01-10.2110038-052 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | FQ | G | STD |
| 91203 | WL | 10/19/2021 | RFS01-10.2110038-052 | 56-23-5 | Carbon tetrachloride | N | 93 | ug/L | | F | 0.19 | | FQ | G | STD |
| 91203 | WL | 10/19/2021 | RFS01-10.2110038-052 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 91203 | WL | 10/19/2021 | RFS01-10.2110038-052 | 67-66-3 | Chloroform | N | 8.5 | ug/L | | F | 0.16 | | FQ | G | STD |
| 91203 | WL | 10/19/2021 | RFS01-10.2110038-052 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | FQ | G | STD |
| 91203 | WL | 10/19/2021 | RFS01-10.2110038-052 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.42 | ug/L | J | F | 0.15 | | FQ | G | STD |
| 91203 | WL | 10/19/2021 | RFS01-10.2110038-052 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 91203 | WL | 10/19/2021 | RFS01-10.2110038-052 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 91203 | WL | 10/19/2021 | RFS01-10.2110038-052 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | FQ | G | STD |
| 91203 | WL | 10/19/2021 | RFS01-10.2110038-052 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | F | 0.22 | | FQ | G | STD |
| 91203 | WL | 10/19/2021 | RFS01-10.2110038-052 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 91203 | WL | 10/19/2021 | RFS01-10.2110038-052 | 127-18-4 | Tetrachloroethene | N | 30 | ug/L | | F | 0.2 | | FQ | G | STD |
| 91203 | WL | 10/19/2021 | RFS01-10.2110038-052 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 91203 | WL | 10/19/2021 | RFS01-10.2110038-052 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 91203 | WL | 10/19/2021 | RFS01-10.2110038-052 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 91203 | WL | 10/19/2021 | RFS01-10.2110038-052 | 79-01-6 | Trichloroethene | N | 8.8 | ug/L | | F | 0.16 | | FQ | G | STD |
| 91203 | WL | 10/19/2021 | RFS01-10.2110038-052 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | FQ | G | STD |
| 91305 | WL | 10/19/2021 | RFS01-10.2110038-053 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 91305 | WL | 10/19/2021 | RFS01-10.2110038-053 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 91305 | WL | 10/19/2021 | RFS01-10.2110038-053 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| 91305 | WL | 10/19/2021 | RFS01-10.2110038-053 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | F | 0.23 | | FQ | G | STD |
| 91305 | WL | 10/19/2021 | RFS01-10.2110038-053 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 91305 | WL | 10/19/2021 | RFS01-10.2110038-053 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 91305 | WL | 10/19/2021 | RFS01-10.2110038-053 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 91305 | WL | 10/19/2021 | RFS01-10.2110038-053 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |
| 91305 | WL | 10/19/2021 | RFS01-10.2110038-053 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 91305 | WL | 10/19/2021 | RFS01-10.2110038-053 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 91305 | WL | 10/19/2021 | RFS01-10.2110038-053 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 91305 | WL | 10/19/2021 | RFS01-10.2110038-053 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | FQ | G | STD |
| 91305 | WL | 10/19/2021 | RFS01-10.2110038-053 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 91305 | WL | 10/19/2021 | RFS01-10.2110038-053 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 91305 | WL | 10/19/2021 | RFS01-10.2110038-053 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 91305 | WL | 10/19/2021 | RFS01-10.2110038-053 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | FQ | G | STD |
| 91305 | WL | 10/19/2021 | RFS01-10.2110038-053 | 156-59-2 | cis-1,2-Dichloroethene | N | 4 | ug/L | | F | 0.15 | | FQ | G | STD |
| 91305 | WL | 10/19/2021 | RFS01-10.2110038-053 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 91305 | WL | 10/19/2021 | RFS01-10.2110038-053 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 91305 | WL | 10/19/2021 | RFS01-10.2110038-053 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | FQ | G | STD |
| 91305 | WL | 10/19/2021 | RFS01-10.2110038-053 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | F | 0.22 | | FQ | G | STD |
| 91305 | WL | 10/19/2021 | RFS01-10.2110038-053 | NO3+NO2 AS N | Nitrate + Nitrite as Nitrogen | N | 0.045 | mg/L | J | F | 0.019 | | FQ | G | STD |
| 91305 | WL | 10/19/2021 | RFS01-10.2110038-053 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 91305 | WL | 10/19/2021 | RFS01-10.2110038-053 | 127-18-4 | Tetrachloroethene | N | 0.2 | ug/L | U | F | 0.2 | | FQ | G | STD |
| 91305 | WL | 10/19/2021 | RFS01-10.2110038-053 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 91305 | WL | 10/19/2021 | RFS01-10.2110038-053 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 91305 | WL | 10/19/2021 | RFS01-10.2110038-053 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 91305 | WL | 10/19/2021 | RFS01-10.2110038-053 | 79-01-6 | Trichloroethene | N | 1.9 | ug/L | | F | 0.16 | | FQ | G | STD |
| 91305 | WL | 10/19/2021 | RFS01-10.2110038-053 | 7440-61-1 | Uranium | Y | 73 | ug/L | | F | 0.05 | | FQ | G | STD |
| 91305 | WL | 10/19/2021 | RFS01-10.2110038-053 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | FQ | G | STD |
| 95099 | WL | 10/19/2021 | RFS01-10.2110038-054 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 95099 | WL | 10/19/2021 | RFS01-10.2110038-054 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 95099 | WL | 10/19/2021 | RFS01-10.2110038-054 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| 95099 | WL | 10/19/2021 | RFS01-10.2110038-054 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | F | 0.23 | | FQ | G | STD |
| 95099 | WL | 10/19/2021 | RFS01-10.2110038-054 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 95099 | WL | 10/19/2021 | RFS01-10.2110038-054 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 95099 | WL | 10/19/2021 | RFS01-10.2110038-054 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 95099 | WL | 10/19/2021 | RFS01-10.2110038-054 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 95099 | WL | 10/19/2021 | RFS01-10.2110038-054 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 95099 | WL | 10/19/2021 | RFS01-10.2110038-054 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 95099 | WL | 10/19/2021 | RFS01-10.2110038-054 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 95099 | WL | 10/19/2021 | RFS01-10.2110038-054 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | FQ | G | STD |
| 95099 | WL | 10/19/2021 | RFS01-10.2110038-054 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 95099 | WL | 10/19/2021 | RFS01-10.2110038-054 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 95099 | WL | 10/19/2021 | RFS01-10.2110038-054 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 95099 | WL | 10/19/2021 | RFS01-10.2110038-054 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | FQ | G | STD |
| 95099 | WL | 10/19/2021 | RFS01-10.2110038-054 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 95099 | WL | 10/19/2021 | RFS01-10.2110038-054 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 95099 | WL | 10/19/2021 | RFS01-10.2110038-054 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 95099 | WL | 10/19/2021 | RFS01-10.2110038-054 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | FQ | G | STD |
| 95099 | WL | 10/19/2021 | RFS01-10.2110038-054 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | F | 0.22 | | FQ | G | STD |
| 95099 | WL | 10/19/2021 | RFS01-10.2110038-054 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 95099 | WL | 10/19/2021 | RFS01-10.2110038-054 | 127-18-4 | Tetrachloroethene | N | 0.2 | ug/L | U | F | 0.2 | | FQ | G | STD |
| 95099 | WL | 10/19/2021 | RFS01-10.2110038-054 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 95099 | WL | 10/19/2021 | RFS01-10.2110038-054 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 95099 | WL | 10/19/2021 | RFS01-10.2110038-054 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 95099 | WL | 10/19/2021 | RFS01-10.2110038-054 | 79-01-6 | Trichloroethene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 95099 | WL | 10/19/2021 | RFS01-10.2110038-054 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | FQ | G | STD |
| 95199 | WL | 10/19/2021 | RFS01-10.2110038-055 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 95199 | WL | 10/19/2021 | RFS01-10.2110038-055 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 95199 | WL | 10/19/2021 | RFS01-10.2110038-055 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| 95199 | WL | 10/19/2021 | RFS01-10.2110038-055 | 75-35-4 | 1,1-Dichloroethene | N | 1.8 | ug/L | | F | 0.23 | | FQ | G | STD |
| 95199 | WL | 10/19/2021 | RFS01-10.2110038-055 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 95199 | WL | 10/19/2021 | RFS01-10.2110038-055 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 95199 | WL | 10/19/2021 | RFS01-10.2110038-055 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 95199 | WL | 10/19/2021 | RFS01-10.2110038-055 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |
| 95199 | WL | 10/19/2021 | RFS01-10.2110038-055 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 95199 | WL | 10/19/2021 | RFS01-10.2110038-055 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 95199 | WL | 10/19/2021 | RFS01-10.2110038-055 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 95199 | WL | 10/19/2021 | RFS01-10.2110038-055 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | FQ | G | STD |
| 95199 | WL | 10/19/2021 | RFS01-10.2110038-055 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 95199 | WL | 10/19/2021 | RFS01-10.2110038-055 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 95199 | WL | 10/19/2021 | RFS01-10.2110038-055 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 95199 | WL | 10/19/2021 | RFS01-10.2110038-055 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | FQ | G | STD |
| 95199 | WL | 10/19/2021 | RFS01-10.2110038-055 | 156-59-2 | cis-1,2-Dichloroethene | N | 17 | ug/L | | F | 0.15 | | FQ | G | STD |
| 95199 | WL | 10/19/2021 | RFS01-10.2110038-055 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 95199 | WL | 10/19/2021 | RFS01-10.2110038-055 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 95199 | WL | 10/19/2021 | RFS01-10.2110038-055 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | FQ | G | STD |
| 95199 | WL | 10/19/2021 | RFS01-10.2110038-055 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | F | 0.22 | | FQ | G | STD |
| 95199 | WL | 10/19/2021 | RFS01-10.2110038-055 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 95199 | WL | 10/19/2021 | RFS01-10.2110038-055 | 127-18-4 | Tetrachloroethene | N | 6.9 | ug/L | | F | 0.2 | | FQ | G | STD |
| 95199 | WL | 10/19/2021 | RFS01-10.2110038-055 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 95199 | WL | 10/19/2021 | RFS01-10.2110038-055 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 95199 | WL | 10/19/2021 | RFS01-10.2110038-055 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.36 | ug/L | J | F | 0.15 | | FQ | G | STD |
| 95199 | WL | 10/19/2021 | RFS01-10.2110038-055 | 79-01-6 | Trichloroethene | N | 110 | ug/L | | F | 0.16 | | FQ | G | STD |
| 95199 | WL | 10/19/2021 | RFS01-10.2110038-055 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | FQ | G | STD |
| 99305 | WL | 10/20/2021 | RFS01-10.2110038-057 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 99305 | WL | 10/20/2021 | RFS01-10.2110038-057 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 99305 | WL | 10/20/2021 | RFS01-10.2110038-057 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| 99305 | WL | 10/20/2021 | RFS01-10.2110038-057 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | F | 0.23 | | FQ | G | STD |
| 99305 | WL | 10/20/2021 | RFS01-10.2110038-057 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 99305 | WL | 10/20/2021 | RFS01-10.2110038-057 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 99305 | WL | 10/20/2021 | RFS01-10.2110038-057 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 99305 | WL | 10/20/2021 | RFS01-10.2110038-057 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |
| 99305 | WL | 10/20/2021 | RFS01-10.2110038-057 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 99305 | WL | 10/20/2021 | RFS01-10.2110038-057 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 99305 | WL | 10/20/2021 | RFS01-10.2110038-057 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 99305 | WL | 10/20/2021 | RFS01-10.2110038-057 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | FQ | G | STD |
| 99305 | WL | 10/20/2021 | RFS01-10.2110038-057 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 99305 | WL | 10/20/2021 | RFS01-10.2110038-057 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 99305 | WL | 10/20/2021 | RFS01-10.2110038-057 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 99305 | WL | 10/20/2021 | RFS01-10.2110038-057 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | FQ | G | STD |
| 99305 | WL | 10/20/2021 | RFS01-10.2110038-057 | 156-59-2 | cis-1,2-Dichloroethene | N | 14 | ug/L | | F | 0.15 | | FQ | G | STD |
| 99305 | WL | 10/20/2021 | RFS01-10.2110038-057 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 99305 | WL | 10/20/2021 | RFS01-10.2110038-057 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 99305 | WL | 10/20/2021 | RFS01-10.2110038-057 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | FQ | G | STD |
| 99305 | WL | 10/20/2021 | RFS01-10.2110038-057 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | F | 0.22 | | FQ | G | STD |
| 99305 | WL | 10/20/2021 | RFS01-10.2110038-057 | NO3+NO2 AS N | Nitrate + Nitrite as Nitrogen | N | 0.53 | mg/L | | F | 0.019 | | FQ | G | STD |
| 99305 | WL | 10/20/2021 | RFS01-10.2110038-057 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 99305 | WL | 10/20/2021 | RFS01-10.2110038-057 | 127-18-4 | Tetrachloroethene | N | 15 | ug/L | | F | 0.2 | | FQ | G | STD |
| 99305 | WL | 10/20/2021 | RFS01-10.2110038-057 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 99305 | WL | 10/20/2021 | RFS01-10.2110038-057 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 99305 | WL | 10/20/2021 | RFS01-10.2110038-057 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 99305 | WL | 10/20/2021 | RFS01-10.2110038-057 | 79-01-6 | Trichloroethene | N | 120 | ug/L | | F | 0.16 | | FQ | G | STD |
| 99305 | WL | 10/20/2021 | RFS01-10.2110038-057 | 7440-61-1 | Uranium | Y | 33 | ug/L | | F | 0.25 | | FQ | G | STD |
| 99305 | WL | 10/20/2021 | RFS01-10.2110038-057 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | FQ | G | STD |
| 99405 | WL | 10/20/2021 | RFS01-10.2110038-058 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 99405 | WL | 10/20/2021 | RFS01-10.2110038-058 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 99405 | WL | 10/20/2021 | RFS01-10.2110038-058 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| 99405 | WL | 10/20/2021 | RFS01-10.2110038-058 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | F | 0.23 | | FQ | G | STD |
| 99405 | WL | 10/20/2021 | RFS01-10.2110038-058 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| 99405 | WL | 10/20/2021 | RFS01-10.2110038-058 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 99405 | WL | 10/20/2021 | RFS01-10.2110038-058 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 99405 | WL | 10/20/2021 | RFS01-10.2110038-058 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |
| 99405 | WL | 10/20/2021 | RFS01-10.2110038-058 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| 99405 | WL | 10/20/2021 | RFS01-10.2110038-058 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 99405 | WL | 10/20/2021 | RFS01-10.2110038-058 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 99405 | WL | 10/20/2021 | RFS01-10.2110038-058 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | FQ | G | STD |
| 99405 | WL | 10/20/2021 | RFS01-10.2110038-058 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 99405 | WL | 10/20/2021 | RFS01-10.2110038-058 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 99405 | WL | 10/20/2021 | RFS01-10.2110038-058 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 99405 | WL | 10/20/2021 | RFS01-10.2110038-058 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | FQ | G | STD |
| 99405 | WL | 10/20/2021 | RFS01-10.2110038-058 | 156-59-2 | cis-1,2-Dichloroethene | N | 1.1 | ug/L | | F | 0.15 | | FQ | G | STD |
| 99405 | WL | 10/20/2021 | RFS01-10.2110038-058 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| 99405 | WL | 10/20/2021 | RFS01-10.2110038-058 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 99405 | WL | 10/20/2021 | RFS01-10.2110038-058 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | FQ | G | STD |
| 99405 | WL | 10/20/2021 | RFS01-10.2110038-058 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | F | 0.22 | | FQ | G | STD |
| 99405 | WL | 10/20/2021 | RFS01-10.2110038-058 | NO3+NO2 AS N | Nitrate + Nitrite as Nitrogen | N | 1.1 | mg/L | | F | 0.019 | | FQ | G | STD |
| 99405 | WL | 10/20/2021 | RFS01-10.2110038-058 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| 99405 | WL | 10/20/2021 | RFS01-10.2110038-058 | 127-18-4 | Tetrachloroethene | N | 0.2 | ug/L | U | F | 0.2 | | FQ | G | STD |
| 99405 | WL | 10/20/2021 | RFS01-10.2110038-058 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| 99405 | WL | 10/20/2021 | RFS01-10.2110038-058 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| 99405 | WL | 10/20/2021 | RFS01-10.2110038-058 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| 99405 | WL | 10/20/2021 | RFS01-10.2110038-058 | 79-01-6 | Trichloroethene | N | 8.8 | ug/L | | F | 0.16 | | FQ | G | STD |
| 99405 | WL | 10/20/2021 | RFS01-10.2110038-058 | 7440-61-1 | Uranium | Y | 340 | ug/L | | F | 0.25 | | FQ | G | STD |
| 99405 | WL | 10/20/2021 | RFS01-10.2110038-058 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | FQ | G | STD |
| B206989 | WL | 10/19/2021 | RFS01-10.2110038-059 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| B206989 | WL | 10/19/2021 | RFS01-10.2110038-059 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| B206989 | WL | 10/19/2021 | RFS01-10.2110038-059 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| B206989 | WL | 10/19/2021 | RFS01-10.2110038-059 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | F | 0.23 | | FQ | G | STD |
| B206989 | WL | 10/19/2021 | RFS01-10.2110038-059 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| B206989 | WL | 10/19/2021 | RFS01-10.2110038-059 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B206989 | WL | 10/19/2021 | RFS01-10.2110038-059 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| B206989 | WL | 10/19/2021 | RFS01-10.2110038-059 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |
| B206989 | WL | 10/19/2021 | RFS01-10.2110038-059 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| B206989 | WL | 10/19/2021 | RFS01-10.2110038-059 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| B206989 | WL | 10/19/2021 | RFS01-10.2110038-059 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| B206989 | WL | 10/19/2021 | RFS01-10.2110038-059 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | FQ | G | STD |
| B206989 | WL | 10/19/2021 | RFS01-10.2110038-059 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| B206989 | WL | 10/19/2021 | RFS01-10.2110038-059 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| B206989 | WL | 10/19/2021 | RFS01-10.2110038-059 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| B206989 | WL | 10/19/2021 | RFS01-10.2110038-059 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | FQ | G | STD |
| B206989 | WL | 10/19/2021 | RFS01-10.2110038-059 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| B206989 | WL | 10/19/2021 | RFS01-10.2110038-059 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| B206989 | WL | 10/19/2021 | RFS01-10.2110038-059 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| B206989 | WL | 10/19/2021 | RFS01-10.2110038-059 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | FQ | G | STD |
| B206989 | WL | 10/19/2021 | RFS01-10.2110038-059 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | F | 0.22 | | FQ | G | STD |
| B206989 | WL | 10/19/2021 | RFS01-10.2110038-059 | NO3+NO2 AS N | Nitrate + Nitrite as Nitrogen | N | 6 | mg/L | | F | 0.019 | | FQ | G | STD |
| B206989 | WL | 10/19/2021 | RFS01-10.2110038-059 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| B206989 | WL | 10/19/2021 | RFS01-10.2110038-059 | 127-18-4 | Tetrachloroethene | N | 0.2 | ug/L | U | F | 0.2 | | FQ | G | STD |
| B206989 | WL | 10/19/2021 | RFS01-10.2110038-059 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| B206989 | WL | 10/19/2021 | RFS01-10.2110038-059 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| B206989 | WL | 10/19/2021 | RFS01-10.2110038-059 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| B206989 | WL | 10/19/2021 | RFS01-10.2110038-059 | 79-01-6 | Trichloroethene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| B206989 | WL | 10/19/2021 | RFS01-10.2110038-059 | 7440-61-1 | Uranium | Y | 130 | ug/L | | F | 0.25 | | FQ | G | STD |
| B206989 | WL | 10/19/2021 | RFS01-10.2110038-059 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | FQ | G | STD |
| GS05 | SL | 10/12/2021 | RFS01-02.2110038-002 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | J | G | STD |
| GS05 | SL | 10/12/2021 | RFS01-02.2110038-002 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | J | G | STD |
| GS05 | SL | 10/12/2021 | RFS01-02.2110038-002 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | J | G | STD |
| GS05 | SL | 10/12/2021 | RFS01-02.2110038-002 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | F | 0.23 | | J | G | STD |
| GS05 | SL | 10/12/2021 | RFS01-02.2110038-002 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | J | G | STD |
| GS05 | SL | 10/12/2021 | RFS01-02.2110038-002 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | J | G | STD |
| GS05 | SL | 10/12/2021 | RFS01-02.2110038-002 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | J | G | STD |
| GS05 | SL | 10/12/2021 | RFS01-02.2110038-002 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | J | G | STD |
| GS05 | SL | 10/12/2021 | RFS01-02.2110038-002 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | J | G | STD |
| GS05 | SL | 10/12/2021 | RFS01-02.2110038-002 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | J | G | STD |
| GS05 | SL | 10/12/2021 | RFS01-13.2201070-004 | 7440-38-2 | Arsenic | N | 2.36 | ug/L | B | F | 2 | | | C | GEN |
| GS05 | SL | 10/12/2021 | RFS01-02.2110038-002 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | J | G | STD |
| GS05 | SL | 10/12/2021 | RFS01-13.2201070-004 | 7440-41-7 | Beryllium | N | 0.2 | ug/L | U | F | 0.2 | | | C | GEN |
| GS05 | SL | 10/12/2021 | RFS01-13.2201070-004 | 7440-42-8 | Boron | N | 9.51 | ug/L | B | F | 5.2 | | | C | GEN |
| GS05 | SL | 10/12/2021 | RFS01-02.2110038-002 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | J | G | STD |
| GS05 | SL | 10/12/2021 | RFS01-13.2201070-003 | 7440-43-9 | Cadmium | Y | 0.3 | ug/L | U | F | 0.3 | | | C | GEN |
| GS05 | SL | 10/12/2021 | RFS01-02.2110038-002 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | J | G | STD |
| GS05 | SL | 10/12/2021 | RFS01-02.2110038-002 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | J | G | STD |
| GS05 | SL | 10/12/2021 | RFS01-02.2110038-002 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | J | G | STD |
| GS05 | SL | 10/12/2021 | RFS01-02.2110038-002 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | J | G | STD |
| GS05 | SL | 10/12/2021 | RFS01-13.2201070-004 | 7440-47-3 | Chromium | N | 3 | ug/L | U | F | 3 | | | C | GEN |
| GS05 | SL | 10/12/2021 | RFS01-02.2110038-002 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | J | G | STD |
| GS05 | SL | 10/12/2021 | RFS01-13.2201070-003 | 7440-50-8 | Copper | Y | 0.433 | ug/L | B | F | 0.3 | | | C | GEN |
| GS05 | SL | 10/12/2021 | RFS01-02.2110038-002 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | J | G | STD |
| GS05 | SL | 10/12/2021 | RFS01-02.2110038-002 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | J | G | STD |
| GS05 | SL | 10/12/2021 | RFS01-13.2201070-003 | 7439-92-1 | Lead | Y | 0.5 | ug/L | U | F | 0.5 | | | C | GEN |
| GS05 | SL | 10/12/2021 | RFS01-02.2110038-002 | 7439-97-6 | Mercury | N | 0.044 | ug/L | J B | F | 0.027 | | U | G | STD |
| GS05 | SL | 10/12/2021 | RFS01-02.2110038-002 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | J | G | STD |
| GS05 | SL | 10/12/2021 | RFS01-02.2110038-002 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | F | 0.22 | | J | G | STD |
| GS05 | SL | 10/12/2021 | RFS01-13.2201070-003 | 7440-02-0 | Nickel | Y | 0.6 | ug/L | U | F | 0.6 | | | C | GEN |
| GS05 | SL | 10/12/2021 | RFS01-13.2201070-004 | 7782-49-2 | Selenium | N | 1.5 | ug/L | U | F | 1.5 | | | C | GEN |
| GS05 | SL | 10/12/2021 | RFS01-13.2201070-003 | 7440-22-4 | Silver | Y | 0.3 | ug/L | U | F | 0.3 | | | C | GEN |
| GS05 | SL | 10/12/2021 | RFS01-02.2110038-002 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | J | G | STD |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GS05 | SL | 10/12/2021 | RFS01-02.2110038-002 | 127-18-4 | Tetrachloroethene | N | 0.2 | ug/L | U | F | 0.2 | | J | G | STD |
| GS05 | SL | 10/12/2021 | RFS01-02.2110038-002 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | J | G | STD |
| GS05 | SL | 10/12/2021 | RFS01-02.2110038-002 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | J | G | STD |
| GS05 | SL | 10/12/2021 | RFS01-02.2110038-002 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | J | G | STD |
| GS05 | SL | 10/12/2021 | RFS01-02.2110038-002 | 79-01-6 | Trichloroethene | N | 0.16 | ug/L | U | F | 0.16 | | J | G | STD |
| GS05 | SL | 10/12/2021 | RFS01-13.2201070-004 | 7440-61-1 | Uranium | N | 0.417 | ug/L | B | F | 0.067 | | U | C | GEN |
| GS05 | SL | 10/12/2021 | RFS01-02.2110038-002 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | J | G | STD |
| GS05 | SL | 10/12/2021 | RFS01-13.2201070-003 | 7440-66-6 | Zinc | Y | 3.3 | ug/L | U | F | 3.3 | | | C | GEN |
| GS10 | SL | 9/1/2021 | RFS01-13.2201070-006 | 14596-10-2 | Americium-241 | N | 0.0274 | pCi/L | U | F | | 0.0278 | | C | GEN |
| GS10 | SL | 9/1/2021 | RFS01-13.2201070-006 | 7440-41-7 | Beryllium | N | 1 | ug/L | U | F | 1 | | | C | GEN |
| GS10 | SL | 9/1/2021 | RFS01-13.2201070-006 | 7440-43-9 | Cadmium | Y | 0.3 | ug/L | U | F | 0.3 | | | C | GEN |
| GS10 | SL | 9/1/2021 | RFS01-13.2201070-006 | 7440-47-3 | Chromium | N | 1.23 | ug/L | B | F | 1 | | | C | GEN |
| GS10 | SL | 9/1/2021 | RFS01-13.2201070-006 | PU-239,240 | Plutonium-239, 240 | N | 0.0274 | pCi/L | U | F | | 0.0191 | | C | GEN |
| GS10 | SL | 9/1/2021 | RFS01-13.2201070-006 | 7440-22-4 | Silver | Y | 0.3 | ug/L | U | F | 0.3 | | | C | GEN |
| GS10 | SL | 9/1/2021 | RFS01-13.2201070-006 | 7440-61-1 | Uranium | N | 30.6 | ug/L | | F | 0.067 | | | C | GEN |
| GS13 | SL | 7/14/2021 | RFS01-13.2201070-007 | 7440-61-1 | Uranium | N | 17.2 | ug/L | | F | 0.067 | | | C | GEN |
| GS59 | SL | 7/13/2021 | RFS01-13.2201070-010 | 7440-38-2 | Arsenic | N | 3.34 | ug/L | B | F | 2 | | | C | GEN |
| GS59 | SL | 7/13/2021 | RFS01-13.2201070-010 | 7440-41-7 | Beryllium | N | 0.274 | ug/L | B | F | 0.2 | | | C | GEN |
| GS59 | SL | 7/13/2021 | RFS01-13.2201070-010 | 7440-42-8 | Boron | N | 27.2 | ug/L | | F | 5.2 | | | C | GEN |
| GS59 | SL | 7/13/2021 | RFS01-13.2201070-009 | 7440-43-9 | Cadmium | Y | 0.3 | ug/L | U | F | 0.3 | | | C | GEN |
| GS59 | SL | 7/13/2021 | RFS01-13.2201070-010 | 7440-47-3 | Chromium | N | 3 | ug/L | U | F | 3 | | | C | GEN |
| GS59 | SL | 7/13/2021 | RFS01-13.2201070-009 | 7440-50-8 | Copper | Y | 0.793 | ug/L | B | F | 0.3 | | | C | GEN |
| GS59 | SL | 7/13/2021 | RFS01-13.2201070-009 | 7439-92-1 | Lead | Y | 0.5 | ug/L | U | F | 0.5 | | | C | GEN |
| GS59 | SL | 7/13/2021 | RFS01-13.2201070-009 | 7440-02-0 | Nickel | Y | 0.864 | ug/L | B | F | 0.6 | | | C | GEN |
| GS59 | SL | 7/13/2021 | RFS01-13.2201070-010 | 7782-49-2 | Selenium | N | 1.5 | ug/L | U | F | 1.5 | | | C | GEN |
| GS59 | SL | 7/13/2021 | RFS01-13.2201070-009 | 7440-22-4 | Silver | Y | 0.3 | ug/L | U | F | 0.3 | | | C | GEN |
| GS59 | SL | 7/13/2021 | RFS01-13.2201070-010 | 7440-61-1 | Uranium | N | 6.19 | ug/L | B | F | 0.067 | | | C | GEN |
| GS59 | SL | 7/13/2021 | RFS01-13.2201070-009 | 7440-66-6 | Zinc | Y | 3.3 | ug/L | U | F | 3.3 | | | C | GEN |
| MOUND R1-0 | TS | 10/19/2021 | RFS01-10.2110038-061 | 71-55-6 | 1,1,1-Trichloroethane | N | 160 | ug/L | | F | 3.2 | | | G | STD |
| MOUND R1-0 | TS | 10/19/2021 | RFS01-10.2110038-061 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 4.2 | ug/L | U | F | 4.2 | | | G | STD |
| MOUND R1-0 | TS | 10/19/2021 | RFS01-10.2110038-061 | 79-00-5 | 1,1,2-Trichloroethane | N | 5.4 | ug/L | U | F | 5.4 | | | G | STD |
| MOUND R1-0 | TS | 10/19/2021 | RFS01-10.2110038-061 | 75-35-4 | 1,1-Dichloroethene | N | 34 | ug/L | | F | 4.6 | | | G | STD |
| MOUND R1-0 | TS | 10/19/2021 | RFS01-10.2110038-061 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 4.2 | ug/L | U | F | 4.2 | | | G | STD |
| MOUND R1-0 | TS | 10/19/2021 | RFS01-10.2110038-061 | 95-50-1 | 1,2-Dichlorobenzene | N | 3 | ug/L | U | F | 3 | | | G | STD |
| MOUND R1-0 | TS | 10/19/2021 | RFS01-10.2110038-061 | 107-06-2 | 1,2-Dichloroethane | N | 2.6 | ug/L | U | F | 2.6 | | | G | STD |
| MOUND R1-0 | TS | 10/19/2021 | RFS01-10.2110038-061 | 78-87-5 | 1,2-Dichloropropane | N | 3.6 | ug/L | U | F | 3.6 | | | G | STD |
| MOUND R1-0 | TS | 10/19/2021 | RFS01-10.2110038-061 | 541-73-1 | 1,3-Dichlorobenzene | N | 2.6 | ug/L | U | F | 2.6 | | | G | STD |
| MOUND R1-0 | TS | 10/19/2021 | RFS01-10.2110038-061 | 106-46-7 | 1,4-Dichlorobenzene | N | 3.2 | ug/L | U | F | 3.2 | | | G | STD |
| MOUND R1-0 | TS | 10/19/2021 | RFS01-10.2110038-061 | 71-43-2 | Benzene | N | 3.2 | ug/L | U | F | 3.2 | | | G | STD |
| MOUND R1-0 | TS | 10/19/2021 | RFS01-10.2110038-061 | 75-25-2 | Bromoform | N | 9.2 | ug/L | U | F | 9.2 | | | G | STD |
| MOUND R1-0 | TS | 10/19/2021 | RFS01-10.2110038-061 | 56-23-5 | Carbon tetrachloride | N | 57 | ug/L | | F | 3.8 | | | G | STD |
| MOUND R1-0 | TS | 10/19/2021 | RFS01-10.2110038-061 | 108-90-7 | Chlorobenzene | N | 3.4 | ug/L | U | F | 3.4 | | | G | STD |
| MOUND R1-0 | TS | 10/19/2021 | RFS01-10.2110038-061 | 67-66-3 | Chloroform | N | 48 | ug/L | | F | 3.2 | | | G | STD |
| MOUND R1-0 | TS | 10/19/2021 | RFS01-10.2110038-061 | 74-87-3 | Chloromethane | N | 6 | ug/L | U | F | 6 | | | G | STD |
| MOUND R1-0 | TS | 10/19/2021 | RFS01-10.2110038-061 | 156-59-2 | cis-1,2-Dichloroethene | N | 420 | ug/L | | F | 3 | | | G | STD |
| MOUND R1-0 | TS | 10/19/2021 | RFS01-10.2110038-061 | 100-41-4 | Ethylbenzene | N | 3.2 | ug/L | U | F | 3.2 | | | G | STD |
| MOUND R1-0 | TS | 10/19/2021 | RFS01-10.2110038-061 | 87-68-3 | Hexachlorobutadiene | N | 7.2 | ug/L | U | F | 7.2 | | | G | STD |
| MOUND R1-0 | TS | 10/19/2021 | RFS01-10.2110038-061 | 75-09-2 | Methylene chloride | N | 19 | ug/L | U | F | 19 | | | G | STD |
| MOUND R1-0 | TS | 10/19/2021 | RFS01-10.2110038-061 | 91-20-3 | Naphthalene | N | 4.4 | ug/L | U | F | 4.4 | | | G | STD |
| MOUND R1-0 | TS | 10/19/2021 | RFS01-10.2110038-061 | 100-42-5 | Styrene | N | 7.1 | ug/L | U | F | 7.1 | | | G | STD |
| MOUND R1-0 | TS | 10/19/2021 | RFS01-10.2110038-061 | 127-18-4 | Tetrachloroethene | N | 1600 | ug/L | | F | 4 | | | G | STD |
| MOUND R1-0 | TS | 10/19/2021 | RFS01-10.2110038-061 | 108-88-3 | Toluene | N | 3.4 | ug/L | U | F | 3.4 | | | G | STD |
| MOUND R1-0 | TS | 10/19/2021 | RFS01-10.2110038-061 | 1330-20-7 | Total Xylenes | N | 3.8 | ug/L | U | F | 3.8 | | | G | STD |
| MOUND R1-0 | TS | 10/19/2021 | RFS01-10.2110038-061 | 156-60-5 | trans-1,2-Dichloroethene | N | 3 | ug/L | U | F | 3 | | | G | STD |
| MOUND R1-0 | TS | 10/19/2021 | RFS01-10.2110038-061 | 79-01-6 | Trichloroethene | N | 2200 | ug/L | | F | 3.2 | | | G | STD |
| MOUND R1-0 | TS | 10/19/2021 | RFS01-10.2110038-061 | 75-01-4 | Vinyl chloride | N | 2 | ug/L | U | F | 2 | | | G | STD |
| MSETEF | TS | 10/21/2021 | RFS01-10.2110038-062 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | | G | STD |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MSETEF | TS | 10/21/2021 | RFS01-10.2110038-062 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U * | F | 0.21 | | | G | STD |
| MSETEF | TS | 10/21/2021 | RFS01-10.2110038-062 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | | G | STD |
| MSETEF | TS | 10/21/2021 | RFS01-10.2110038-062 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U * | F | 0.23 | | | G | STD |
| MSETEF | TS | 10/21/2021 | RFS01-10.2110038-062 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U * | F | 0.21 | | | G | STD |
| MSETEF | TS | 10/21/2021 | RFS01-10.2110038-062 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U * | F | 0.15 | | | G | STD |
| MSETEF | TS | 10/21/2021 | RFS01-10.2110038-062 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | | G | STD |
| MSETEF | TS | 10/21/2021 | RFS01-10.2110038-062 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U * | F | 0.18 | | | G | STD |
| MSETEF | TS | 10/21/2021 | RFS01-10.2110038-062 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U * | F | 0.13 | | | G | STD |
| MSETEF | TS | 10/21/2021 | RFS01-10.2110038-062 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | | G | STD |
| MSETEF | TS | 10/21/2021 | RFS01-10.2110038-062 | 71-43-2 | Benzene | N | 0.16 | ug/L | U * | F | 0.16 | | | G | STD |
| MSETEF | TS | 10/21/2021 | RFS01-10.2110038-062 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | | G | STD |
| MSETEF | TS | 10/21/2021 | RFS01-10.2110038-062 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | | G | STD |
| MSETEF | TS | 10/21/2021 | RFS01-10.2110038-062 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U * | F | 0.17 | | | G | STD |
| MSETEF | TS | 10/21/2021 | RFS01-10.2110038-062 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U * | F | 0.16 | | | G | STD |
| MSETEF | TS | 10/21/2021 | RFS01-10.2110038-062 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | | G | STD |
| MSETEF | TS | 10/21/2021 | RFS01-10.2110038-062 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.15 | ug/L | U * | F | 0.15 | | | G | STD |
| MSETEF | TS | 10/21/2021 | RFS01-10.2110038-062 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U * | F | 0.16 | | | G | STD |
| MSETEF | TS | 10/21/2021 | RFS01-10.2110038-062 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | | G | STD |
| MSETEF | TS | 10/21/2021 | RFS01-10.2110038-062 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U * | F | 0.94 | | | G | STD |
| MSETEF | TS | 10/21/2021 | RFS01-10.2110038-062 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U * | F | 0.22 | | | G | STD |
| MSETEF | TS | 10/21/2021 | RFS01-10.2110038-062 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | | G | STD |
| MSETEF | TS | 10/21/2021 | RFS01-10.2110038-062 | 127-18-4 | Tetrachloroethene | N | 0.2 | ug/L | U * | F | 0.2 | | | G | STD |
| MSETEF | TS | 10/21/2021 | RFS01-10.2110038-062 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | | G | STD |
| MSETEF | TS | 10/21/2021 | RFS01-10.2110038-062 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U * | F | 0.19 | | | G | STD |
| MSETEF | TS | 10/21/2021 | RFS01-10.2110038-062 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U * | F | 0.15 | | | G | STD |
| MSETEF | TS | 10/21/2021 | RFS01-10.2110038-062 | 79-01-6 | Trichloroethene | N | 0.24 | ug/L | J * | F | 0.16 | | J | G | STD |
| MSETEF | TS | 10/21/2021 | RFS01-10.2110038-062 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | | G | STD |
| MSETINF | TS | 10/21/2021 | RFS01-10.2110038-063 | 71-55-6 | 1,1,1-Trichloroethane | N | 8 | ug/L | U | F | 8 | | | G | STD |
| MSETINF | TS | 10/21/2021 | RFS01-10.2110038-063 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 11 | ug/L | U * | F | 11 | | | G | STD |
| MSETINF | TS | 10/21/2021 | RFS01-10.2110038-063 | 79-00-5 | 1,1,2-Trichloroethane | N | 14 | ug/L | U | F | 14 | | | G | STD |
| MSETINF | TS | 10/21/2021 | RFS01-10.2110038-063 | 75-35-4 | 1,1-Dichloroethene | N | 12 | ug/L | U * | F | 12 | | | G | STD |
| MSETINF | TS | 10/21/2021 | RFS01-10.2110038-063 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 11 | ug/L | U * | F | 11 | | | G | STD |
| MSETINF | TS | 10/21/2021 | RFS01-10.2110038-063 | 95-50-1 | 1,2-Dichlorobenzene | N | 7.5 | ug/L | U * | F | 7.5 | | | G | STD |
| MSETINF | TS | 10/21/2021 | RFS01-10.2110038-063 | 107-06-2 | 1,2-Dichloroethane | N | 6.5 | ug/L | U | F | 6.5 | | | G | STD |
| MSETINF | TS | 10/21/2021 | RFS01-10.2110038-063 | 78-87-5 | 1,2-Dichloropropane | N | 9 | ug/L | U * | F | 9 | | | G | STD |
| MSETINF | TS | 10/21/2021 | RFS01-10.2110038-063 | 541-73-1 | 1,3-Dichlorobenzene | N | 6.5 | ug/L | U * | F | 6.5 | | | G | STD |
| MSETINF | TS | 10/21/2021 | RFS01-10.2110038-063 | 106-46-7 | 1,4-Dichlorobenzene | N | 8 | ug/L | U | F | 8 | | | G | STD |
| MSETINF | TS | 10/21/2021 | RFS01-10.2110038-063 | 71-43-2 | Benzene | N | 8 | ug/L | U * | F | 8 | | | G | STD |
| MSETINF | TS | 10/21/2021 | RFS01-10.2110038-063 | 75-25-2 | Bromoform | N | 23 | ug/L | U | F | 23 | | | G | STD |
| MSETINF | TS | 10/21/2021 | RFS01-10.2110038-063 | 56-23-5 | Carbon tetrachloride | N | 110 | ug/L | | F | 9.5 | | | G | STD |
| MSETINF | TS | 10/21/2021 | RFS01-10.2110038-063 | 108-90-7 | Chlorobenzene | N | 8.5 | ug/L | U * | F | 8.5 | | | G | STD |
| MSETINF | TS | 10/21/2021 | RFS01-10.2110038-063 | 67-66-3 | Chloroform | N | 120 | ug/L | * | F | 8 | | J | G | STD |
| MSETINF | TS | 10/21/2021 | RFS01-10.2110038-063 | 74-87-3 | Chloromethane | N | 15 | ug/L | U | F | 15 | | | G | STD |
| MSETINF | TS | 10/21/2021 | RFS01-10.2110038-063 | 156-59-2 | cis-1,2-Dichloroethene | N | 47 | ug/L | J * | F | 7.5 | | J | G | STD |
| MSETINF | TS | 10/21/2021 | RFS01-10.2110038-063 | 100-41-4 | Ethylbenzene | N | 8 | ug/L | U * | F | 8 | | | G | STD |
| MSETINF | TS | 10/21/2021 | RFS01-10.2110038-063 | 87-68-3 | Hexachlorobutadiene | N | 18 | ug/L | U | F | 18 | | | G | STD |
| MSETINF | TS | 10/21/2021 | RFS01-10.2110038-063 | 75-09-2 | Methylene chloride | N | 47 | ug/L | U * | F | 47 | | | G | STD |
| MSETINF | TS | 10/21/2021 | RFS01-10.2110038-063 | 91-20-3 | Naphthalene | N | 11 | ug/L | U * | F | 11 | | | G | STD |
| MSETINF | TS | 10/21/2021 | RFS01-10.2110038-063 | 100-42-5 | Styrene | N | 18 | ug/L | U | F | 18 | | | G | STD |
| MSETINF | TS | 10/21/2021 | RFS01-10.2110038-063 | 127-18-4 | Tetrachloroethene | N | 340 | ug/L | * | F | 10 | | J | G | STD |
| MSETINF | TS | 10/21/2021 | RFS01-10.2110038-063 | 108-88-3 | Toluene | N | 8.5 | ug/L | U | F | 8.5 | | | G | STD |
| MSETINF | TS | 10/21/2021 | RFS01-10.2110038-063 | 1330-20-7 | Total Xylenes | N | 9.5 | ug/L | U * | F | 9.5 | | | G | STD |
| MSETINF | TS | 10/21/2021 | RFS01-10.2110038-063 | 156-60-5 | trans-1,2-Dichloroethene | N | 7.5 | ug/L | U * | F | 7.5 | | | G | STD |
| MSETINF | TS | 10/21/2021 | RFS01-10.2110038-063 | 79-01-6 | Trichloroethene | N | 3400 | ug/L | * | F | 8 | | J | G | STD |
| MSETINF | TS | 10/21/2021 | RFS01-10.2110038-063 | 75-01-4 | Vinyl chloride | N | 5 | ug/L | U | F | 5 | | | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-019 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | D | 0.16 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-064 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-019 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | D | 0.21 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-064 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-019 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | D | 0.27 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-064 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-019 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | D | 0.23 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-064 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | F | 0.23 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-019 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | D | 0.21 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-064 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-019 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | D | 0.15 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-064 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-019 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | D | 0.13 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-064 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-019 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | D | 0.18 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-064 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-019 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | D | 0.13 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-064 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-019 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | D | 0.16 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-064 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-019 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | D | 0.16 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-064 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-019 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | D | 0.46 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-064 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-019 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | D | 0.19 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-064 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-019 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | D | 0.17 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-064 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-019 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | D | 0.16 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-064 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-019 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | D | 0.3 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-064 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-019 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.15 | ug/L | U | D | 0.15 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-064 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-019 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | D | 0.16 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-064 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-019 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | D | 0.36 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-064 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-019 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | D | 0.94 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-064 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-019 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | D | 0.22 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-064 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | F | 0.22 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-019 | NO3+NO2 AS N | Nitrate + Nitrite as Nitrogen | N | 250 | mg/L | | D | 0.95 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-064 | NO3+NO2 AS N | Nitrate + Nitrite as Nitrogen | N | 230 | mg/L | | F | 0.95 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-019 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | D | 0.36 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-064 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-019 | 127-18-4 | Tetrachloroethene | N | 0.2 | ug/L | U | D | 0.2 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-064 | 127-18-4 | Tetrachloroethene | N | 0.6 | ug/L | J | F | 0.2 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-019 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | D | 0.17 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-064 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-019 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | D | 0.19 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-064 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-019 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | D | 0.15 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-064 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-019 | 79-01-6 | Trichloroethene | N | 0.34 | ug/L | J | D | 0.16 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-064 | 79-01-6 | Trichloroethene | N | 0.6 | ug/L | J | F | 0.16 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-019 | 7440-61-1 | Uranium | Y | 28 | ug/L | | D | 0.05 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-064 | 7440-61-1 | Uranium | Y | 26 | ug/L | | F | 0.05 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-019 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | D | 0.1 | | FQ | G | STD |
| P210089 | WL | 10/19/2021 | RFS01-10.2110038-064 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | F | 0.23 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 91-58-7 | 2-Chloronaphthalene | N | 0.25 | ug/L | U | F | 0.25 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-066 | 83-32-9 | Acenaphthene | N | 0.01 | ug/L | U | F | 0.01 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-066 | 120-12-7 | Anthracene | N | 0.014 | ug/L | U | F | 0.014 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 7440-38-2 | Arsenic | Y | 0.43 | ug/L | J | F | 0.33 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-066 | 50-32-8 | Benzo(a)pyrene | N | 0.005 | ug/L | U | F | 0.005 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-066 | 191-24-2 | Benzo(g,h,i)Perylene | N | 0.0079 | ug/L | U | F | 0.0079 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 7440-41-7 | Beryllium | Y | 0.08 | ug/L | U | F | 0.08 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 108-60-1 | Bis(2-chloroisopropyl) ether | N | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 117-81-7 | Bis(2-ethylhexyl) phthalate | N | 0.53 | ug/L | U | F | 0.53 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 7440-42-8 | Boron | Y | 9.3 | ug/L | J | F | 4.4 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 7440-43-9 | Cadmium | Y | 0.27 | ug/L | U | F | 0.27 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 7440-47-3 | Chromium | Y | 0.6 | ug/L | J | F | 0.5 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-066 | 218-01-9 | Chrysene | N | 0.012 | ug/L | U | F | 0.012 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 7440-50-8 | Copper | Y | 0.57 | ug/L | J | F | 0.56 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-066 | 53-70-3 | Dibenz(a,h)anthracene | N | 0.0047 | ug/L | U | F | 0.0047 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 84-66-2 | Diethyl phthalate | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 131-11-3 | Dimethyl phthalate | N | 0.2 | ug/L | U | F | 0.2 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 84-74-2 | Di-n-butyl phthalate | N | 1.1 | ug/L | U | F | 1.1 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-066 | 206-44-0 | Fluoranthene | N | 0.033 | ug/L | U | F | 0.033 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-066 | 86-73-7 | Fluorene | N | 0.018 | ug/L | U | F | 0.018 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 67-72-1 | Hexachloroethane | N | 0.94 | ug/L | U | F | 0.94 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 78-59-1 | Isophorone | N | 0.2 | ug/L | U | F | 0.2 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 7439-92-1 | Lead | Y | 0.18 | ug/L | U | F | 0.18 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 7439-97-6 | Mercury | Y | 0.027 | ug/L | U | F | 0.027 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-066 | 91-20-3 | Naphthalene | N | 0.0051 | ug/L | U | F | 0.0051 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 7440-02-0 | Nickel | Y | 2.5 | ug/L | | F | 0.3 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-066 | 129-00-0 | Pyrene | N | 0.0078 | ug/L | U | F | 0.0078 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 7782-49-2 | Selenium | Y | 0.37 | ug/L | U | F | 0.37 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 7440-22-4 | Silver | Y | 0.064 | ug/L | J | F | 0.033 | | FQU | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | FQ | G | STD |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 127-18-4 | Tetrachloroethene | N | 0.2 | ug/L | U | F | 0.2 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 79-01-6 | Trichloroethene | N | 0.16 | ug/L | U | F | 0.16 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 7440-61-1 | Uranium | Y | 2.6 | ug/L | | F | 0.05 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | FQ | G | STD |
| P416589 | WL | 10/19/2021 | RFS01-10.2110038-065 | 7440-66-6 | Zinc | Y | 6.1 | ug/L | J | F | 2 | | FQ | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-006 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | J | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-006 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | J | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-006 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | J | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-006 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | F | 0.23 | | J | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-006 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | J | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-006 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.25 | ug/L | J | F | 0.15 | | J | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-006 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | J | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-006 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | J | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-006 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | J | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-006 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | J | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-007 | 7440-38-2 | Arsenic | N | 6.4 | ug/L | | F | 0.33 | | | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-006 | 71-43-2 | Benzene | N | 2.4 | ug/L | | F | 0.16 | | J | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-007 | 7440-41-7 | Beryllium | N | 0.08 | ug/L | U | F | 0.08 | | | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-007 | 7440-42-8 | Boron | N | 1400 | ug/L | | F | 4.4 | | | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-006 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | J | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-006 | 7440-43-9 | Cadmium | Y | 0.27 | ug/L | U | F | 0.27 | | J | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-006 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | J | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-006 | 108-90-7 | Chlorobenzene | N | 0.82 | ug/L | J | F | 0.17 | | J | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-006 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | J | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-006 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | J | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-007 | 7440-47-3 | Chromium | N | 1 | ug/L | J B | F | 0.5 | | U | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-006 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | J | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-006 | 7440-50-8 | Copper | Y | 0.56 | ug/L | U | F | 0.56 | | | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-006 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | J | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-006 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | J | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-006 | 7439-92-1 | Lead | Y | 0.18 | ug/L | U | F | 0.18 | | | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-007 | 7439-97-6 | Mercury | N | 0.027 | ug/L | U | F | 0.027 | | | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-006 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | J | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-006 | 91-20-3 | Naphthalene | N | 28 | ug/L | | F | 0.22 | | J | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-006 | 7440-02-0 | Nickel | Y | 4.3 | ug/L | | F | 0.3 | | | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-007 | 7782-49-2 | Selenium | N | 0.37 | ug/L | U | F | 0.37 | | | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-006 | 7440-22-4 | Silver | Y | 0.035 | ug/L | J | F | 0.033 | | JU | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-006 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | J | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-006 | 127-18-4 | Tetrachloroethene | N | 0.2 | ug/L | U | F | 0.2 | | J | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-006 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | J | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-006 | 1330-20-7 | Total Xylenes | N | 1.2 | ug/L | J | F | 0.19 | | J | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-006 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | J | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-006 | 79-01-6 | Trichloroethene | N | 0.16 | ug/L | U | F | 0.16 | | J | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-007 | 7440-61-1 | Uranium | N | 0.063 | ug/L | J | F | 0.05 | | | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-006 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | J | G | STD |
| PLFSEEPINF | TS | 10/12/2021 | RFS01-02.2110038-006 | 7440-66-6 | Zinc | Y | 71 | ug/L | | F | 2 | | | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | J | G | STD |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | F | 0.23 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 91-58-7 | 2-Chloronaphthalene | N | 0.25 | ug/L | U | F | 0.25 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-010 | 83-32-9 | Acenaphthene | N | 0.011 | ug/L | U | F | 0.011 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-010 | 120-12-7 | Anthracene | N | 0.014 | ug/L | U | F | 0.014 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-009 | 7440-38-2 | Arsenic | N | 6.9 | ug/L | | F | 0.33 | | | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 71-43-2 | Benzene | N | 1 | ug/L | | F | 0.16 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-010 | 50-32-8 | Benzo(a)pyrene | N | 0.005 | ug/L | U | F | 0.005 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-010 | 191-24-2 | Benzo(g,h,i)Perylene | N | 0.0079 | ug/L | U | F | 0.0079 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-009 | 7440-41-7 | Beryllium | N | 0.08 | ug/L | U | F | 0.08 | | | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 108-60-1 | Bis(2-chloroisopropyl) ether | N | 0.27 | ug/L | U | F | 0.27 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 117-81-7 | Bis(2-ethylhexyl) phthalate | N | 0.54 | ug/L | U | F | 0.54 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-009 | 7440-42-8 | Boron | N | 1100 | ug/L | | F | 4.4 | | | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 7440-43-9 | Cadmium | Y | 0.27 | ug/L | U | F | 0.27 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-009 | 7440-47-3 | Chromium | N | 0.92 | ug/L | J B | F | 0.5 | | U | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-010 | 218-01-9 | Chrysene | N | 0.012 | ug/L | U | F | 0.012 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 7440-50-8 | Copper | Y | 0.56 | ug/L | U | F | 0.56 | | | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-010 | 53-70-3 | Dibenz(a,h)anthracene | N | 0.0047 | ug/L | U | F | 0.0047 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 84-66-2 | Diethyl phthalate | N | 0.37 | ug/L | U | F | 0.37 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 131-11-3 | Dimethyl phthalate | N | 0.2 | ug/L | U | F | 0.2 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 84-74-2 | Di-n-butyl phthalate | N | 1.1 | ug/L | U | F | 1.1 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-010 | 206-44-0 | Fluoranthene | N | 0.034 | ug/L | U | F | 0.034 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-010 | 86-73-7 | Fluorene | N | 0.018 | ug/L | U | F | 0.018 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 67-72-1 | Hexachloroethane | N | 0.95 | ug/L | U | F | 0.95 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 78-59-1 | Isophorone | N | 0.2 | ug/L | U | F | 0.2 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 7439-92-1 | Lead | Y | 0.18 | ug/L | U | F | 0.18 | | | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-009 | 7439-97-6 | Mercury | N | 0.027 | ug/L | U | F | 0.027 | | | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-010 | 91-20-3 | Naphthalene | N | 0.0052 | ug/L | U | F | 0.0052 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 7440-02-0 | Nickel | Y | 4.4 | ug/L | | F | 0.3 | | | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-010 | 129-00-0 | Pyrene | N | 0.0079 | ug/L | U | F | 0.0079 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-009 | 7782-49-2 | Selenium | N | 0.41 | ug/L | J | F | 0.37 | | | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 7440-22-4 | Silver | Y | 0.063 | ug/L | J | F | 0.033 | | JU | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 127-18-4 | Tetrachloroethene | N | 0.2 | ug/L | U | F | 0.2 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 1330-20-7 | Total Xylenes | N | 0.32 | ug/L | J | F | 0.19 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 79-01-6 | Trichloroethene | N | 0.16 | ug/L | U | F | 0.16 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-009 | 7440-61-1 | Uranium | N | 0.59 | ug/L | | F | 0.05 | | | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | J | G | STD |
| PLFSYSEFF | TS | 10/12/2021 | RFS01-02.2110038-008 | 7440-66-6 | Zinc | Y | 63 | ug/L | | F | 2 | | | G | STD |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POM2 | SL | 10/19/2021 | RFS01-10.2110038-069 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | | G | STD |
| POM2 | SL | 10/19/2021 | RFS01-10.2110038-069 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | | G | STD |
| POM2 | SL | 10/19/2021 | RFS01-10.2110038-069 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | | G | STD |
| POM2 | SL | 10/19/2021 | RFS01-10.2110038-069 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | F | 0.23 | | | G | STD |
| POM2 | SL | 10/19/2021 | RFS01-10.2110038-069 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | | G | STD |
| POM2 | SL | 10/19/2021 | RFS01-10.2110038-069 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | | G | STD |
| POM2 | SL | 10/19/2021 | RFS01-10.2110038-069 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | | G | STD |
| POM2 | SL | 10/19/2021 | RFS01-10.2110038-069 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | | G | STD |
| POM2 | SL | 10/19/2021 | RFS01-10.2110038-069 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.45 | ug/L | J | F | 0.13 | | | G | STD |
| POM2 | SL | 10/19/2021 | RFS01-10.2110038-069 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | | G | STD |
| POM2 | SL | 10/19/2021 | RFS01-10.2110038-069 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | | G | STD |
| POM2 | SL | 10/19/2021 | RFS01-10.2110038-069 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | | G | STD |
| POM2 | SL | 10/19/2021 | RFS01-10.2110038-069 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | | G | STD |
| POM2 | SL | 10/19/2021 | RFS01-10.2110038-069 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | | G | STD |
| POM2 | SL | 10/19/2021 | RFS01-10.2110038-069 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | | G | STD |
| POM2 | SL | 10/19/2021 | RFS01-10.2110038-069 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | | G | STD |
| POM2 | SL | 10/19/2021 | RFS01-10.2110038-069 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | | G | STD |
| POM2 | SL | 10/19/2021 | RFS01-10.2110038-069 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | | G | STD |
| POM2 | SL | 10/19/2021 | RFS01-10.2110038-069 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | | G | STD |
| POM2 | SL | 10/19/2021 | RFS01-10.2110038-069 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | | G | STD |
| POM2 | SL | 10/19/2021 | RFS01-10.2110038-069 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | F | 0.22 | | | G | STD |
| POM2 | SL | 10/19/2021 | RFS01-10.2110038-069 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | | G | STD |
| POM2 | SL | 10/19/2021 | RFS01-10.2110038-069 | 127-18-4 | Tetrachloroethene | N | 0.2 | ug/L | U | F | 0.2 | | | G | STD |
| POM2 | SL | 10/19/2021 | RFS01-10.2110038-069 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | | G | STD |
| POM2 | SL | 10/19/2021 | RFS01-10.2110038-069 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | | G | STD |
| POM2 | SL | 10/19/2021 | RFS01-10.2110038-069 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | | G | STD |
| POM2 | SL | 10/19/2021 | RFS01-10.2110038-069 | 79-01-6 | Trichloroethene | N | 0.16 | ug/L | U | F | 0.16 | | | G | STD |
| POM2 | SL | 10/19/2021 | RFS01-10.2110038-069 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U | F | 0.1 | | | G | STD |
| SPIN | TS | 10/15/2021 | RFS01-04.2110074-013 | NO3+NO2 AS N | Nitrate + Nitrite as Nitrogen | N | 660 | mg/L | | F | 7.6 | | | G | STD |
| SPIN | TS | 10/15/2021 | RFS01-04.2110074-013 | 7440-61-1 | Uranium | N | 81 | ug/L | | F | 0.05 | | J | G | STD |
| SPIN | TS | 10/19/2021 | RFS01-10.2110038-070 | NO3+NO2 AS N | Nitrate + Nitrite as Nitrogen | N | 660 | mg/L | | F | 3.8 | | | G | STD |
| SPIN | TS | 10/19/2021 | RFS01-10.2110038-070 | 7440-61-1 | Uranium | N | 61 | ug/L | | F | 0.05 | | | G | STD |
| SPIN | TS | 10/28/2021 | RFS01-04.2110075-013 | NO3+NO2 AS N | Nitrate + Nitrite as Nitrogen | N | 510 | mg/L | | F | 3.8 | | | G | STD |
| SPIN | TS | 10/28/2021 | RFS01-04.2110075-013 | 7440-61-1 | Uranium | N | 64 | ug/L | | F | 0.05 | | | G | STD |
| SPIN | TS | 11/15/2021 | RFS01-04.2111076-013 | NO3+NO2 AS N | Nitrate + Nitrite as Nitrogen | N | 540 | mg/L | | F | 3.8 | | | G | STD |
| SPIN | TS | 11/15/2021 | RFS01-04.2111076-013 | 7440-61-1 | Uranium | N | 75 | ug/L | | F | 0.05 | | | G | STD |
| SPIN | TS | 11/30/2021 | RFS01-04.2111077-013 | NO3+NO2 AS N | Nitrate + Nitrite as Nitrogen | N | 570 | mg/L | B | F | 1.9 | | | G | STD |
| SPIN | TS | 11/30/2021 | RFS01-04.2111077-013 | 7440-61-1 | Uranium | N | 78 | ug/L | B | F | 0.05 | | | G | STD |
| SPIN | TS | 12/14/2021 | RFS01-04.2112078-013 | NO3+NO2 AS N | Nitrate + Nitrite as Nitrogen | N | 600 | mg/L | | F | 1.9 | | J | G | STD |
| SPIN | TS | 12/28/2021 | RFS01-04.2112079-013 | NO3+NO2 AS N | Nitrate + Nitrite as Nitrogen | N | 530 | mg/L | | F | 1.9 | | | G | STD |
| SPIN | TS | 12/28/2021 | RFS01-04.2112079-013 | 7440-61-1 | Uranium | N | 67 | ug/L | | F | 0.05 | | | G | STD |
| SPOUT | TS | 10/15/2021 | RFS01-04.2110074-014 | NO3+NO2 AS N | Nitrate + Nitrite as Nitrogen | N | 0.019 | mg/L | U | F | 0.019 | | | G | STD |
| SPOUT | TS | 10/15/2021 | RFS01-04.2110074-014 | 7440-61-1 | Uranium | N | 110 | ug/L | | F | 0.05 | | | G | STD |
| SPOUT | TS | 10/19/2021 | RFS01-10.2110038-071 | NO3+NO2 AS N | Nitrate + Nitrite as Nitrogen | N | 0.028 | mg/L | J | F | 0.019 | | | G | STD |
| SPOUT | TS | 10/19/2021 | RFS01-10.2110038-071 | 7440-61-1 | Uranium | N | 77 | ug/L | | F | 0.05 | | | G | STD |
| SPOUT | TS | 10/28/2021 | RFS01-04.2110075-014 | NO3+NO2 AS N | Nitrate + Nitrite as Nitrogen | N | 0.049 | mg/L | J | F | 0.019 | | | G | STD |
| SPOUT | TS | 10/28/2021 | RFS01-04.2110075-014 | 7440-61-1 | Uranium | N | 62 | ug/L | | F | 0.05 | | | G | STD |
| SPOUT | TS | 11/15/2021 | RFS01-04.2111076-014 | NO3+NO2 AS N | Nitrate + Nitrite as Nitrogen | N | 0.026 | mg/L | J | F | 0.019 | | | G | STD |
| SPOUT | TS | 11/15/2021 | RFS01-04.2111076-014 | 7440-61-1 | Uranium | N | 75 | ug/L | | F | 0.05 | | | G | STD |
| SPOUT | TS | 11/30/2021 | RFS01-04.2111077-014 | NO3+NO2 AS N | Nitrate + Nitrite as Nitrogen | N | 0.047 | mg/L | J B | F | 0.019 | | U | G | STD |
| SPOUT | TS | 11/30/2021 | RFS01-04.2111077-014 | 7440-61-1 | Uranium | N | 64 | ug/L | B | F | 0.05 | | | G | STD |
| SPOUT | TS | 12/14/2021 | RFS01-04.2112078-014 | NO3+NO2 AS N | Nitrate + Nitrite as Nitrogen | N | 0.033 | mg/L | J | F | 0.019 | | J | G | STD |
| SPOUT | TS | 12/28/2021 | RFS01-04.2112079-014 | NO3+NO2 AS N | Nitrate + Nitrite as Nitrogen | N | 0.028 | mg/L | J | F | 0.019 | | | G | STD |
| SPOUT | TS | 12/28/2021 | RFS01-04.2112079-014 | 7440-61-1 | Uranium | N | 71 | ug/L | | F | 0.05 | | | G | STD |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW018 | SL | 10/20/2021 | RFS01-10.2110038-073 | 71-55-6 | 1,1,1-Trichloroethane | N | 0.16 | ug/L | U | F | 0.16 | | | G | STD |
| SW018 | SL | 10/20/2021 | RFS01-10.2110038-073 | 79-34-5 | 1,1,2,2-Tetrachloroethane | N | 0.21 | ug/L | U | F | 0.21 | | | G | STD |
| SW018 | SL | 10/20/2021 | RFS01-10.2110038-073 | 79-00-5 | 1,1,2-Trichloroethane | N | 0.27 | ug/L | U | F | 0.27 | | | G | STD |
| SW018 | SL | 10/20/2021 | RFS01-10.2110038-073 | 75-35-4 | 1,1-Dichloroethene | N | 0.23 | ug/L | U | F | 0.23 | | | G | STD |
| SW018 | SL | 10/20/2021 | RFS01-10.2110038-073 | 120-82-1 | 1,2,4-Trichlorobenzene | N | 0.21 | ug/L | U | F | 0.21 | | | G | STD |
| SW018 | SL | 10/20/2021 | RFS01-10.2110038-073 | 95-50-1 | 1,2-Dichlorobenzene | N | 0.15 | ug/L | U | F | 0.15 | | | G | STD |
| SW018 | SL | 10/20/2021 | RFS01-10.2110038-073 | 107-06-2 | 1,2-Dichloroethane | N | 0.13 | ug/L | U | F | 0.13 | | | G | STD |
| SW018 | SL | 10/20/2021 | RFS01-10.2110038-073 | 78-87-5 | 1,2-Dichloropropane | N | 0.18 | ug/L | U | F | 0.18 | | | G | STD |
| SW018 | SL | 10/20/2021 | RFS01-10.2110038-073 | 541-73-1 | 1,3-Dichlorobenzene | N | 0.13 | ug/L | U | F | 0.13 | | | G | STD |
| SW018 | SL | 10/20/2021 | RFS01-10.2110038-073 | 106-46-7 | 1,4-Dichlorobenzene | N | 0.16 | ug/L | U | F | 0.16 | | | G | STD |
| SW018 | SL | 10/20/2021 | RFS01-10.2110038-073 | 71-43-2 | Benzene | N | 0.16 | ug/L | U | F | 0.16 | | | G | STD |
| SW018 | SL | 10/20/2021 | RFS01-10.2110038-073 | 75-25-2 | Bromoform | N | 0.46 | ug/L | U | F | 0.46 | | | G | STD |
| SW018 | SL | 10/20/2021 | RFS01-10.2110038-073 | 56-23-5 | Carbon tetrachloride | N | 0.19 | ug/L | U | F | 0.19 | | | G | STD |
| SW018 | SL | 10/20/2021 | RFS01-10.2110038-073 | 108-90-7 | Chlorobenzene | N | 0.17 | ug/L | U | F | 0.17 | | | G | STD |
| SW018 | SL | 10/20/2021 | RFS01-10.2110038-073 | 67-66-3 | Chloroform | N | 0.16 | ug/L | U | F | 0.16 | | | G | STD |
| SW018 | SL | 10/20/2021 | RFS01-10.2110038-073 | 74-87-3 | Chloromethane | N | 0.3 | ug/L | U | F | 0.3 | | | G | STD |
| SW018 | SL | 10/20/2021 | RFS01-10.2110038-073 | 156-59-2 | cis-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | | G | STD |
| SW018 | SL | 10/20/2021 | RFS01-10.2110038-073 | 100-41-4 | Ethylbenzene | N | 0.16 | ug/L | U | F | 0.16 | | | G | STD |
| SW018 | SL | 10/20/2021 | RFS01-10.2110038-073 | 87-68-3 | Hexachlorobutadiene | N | 0.36 | ug/L | U | F | 0.36 | | | G | STD |
| SW018 | SL | 10/20/2021 | RFS01-10.2110038-073 | 75-09-2 | Methylene chloride | N | 0.94 | ug/L | U | F | 0.94 | | | G | STD |
| SW018 | SL | 10/20/2021 | RFS01-10.2110038-073 | 91-20-3 | Naphthalene | N | 0.22 | ug/L | U | F | 0.22 | | | G | STD |
| SW018 | SL | 10/20/2021 | RFS01-10.2110038-073 | 100-42-5 | Styrene | N | 0.36 | ug/L | U | F | 0.36 | | | G | STD |
| SW018 | SL | 10/20/2021 | RFS01-10.2110038-073 | 127-18-4 | Tetrachloroethene | N | 0.2 | ug/L | U | F | 0.2 | | | G | STD |
| SW018 | SL | 10/20/2021 | RFS01-10.2110038-073 | 108-88-3 | Toluene | N | 0.17 | ug/L | U | F | 0.17 | | | G | STD |
| SW018 | SL | 10/20/2021 | RFS01-10.2110038-073 | 1330-20-7 | Total Xylenes | N | 0.19 | ug/L | U | F | 0.19 | | | G | STD |
| SW018 | SL | 10/20/2021 | RFS01-10.2110038-073 | 156-60-5 | trans-1,2-Dichloroethene | N | 0.15 | ug/L | U | F | 0.15 | | | G | STD |
| SW018 | SL | 10/20/2021 | RFS01-10.2110038-073 | 79-01-6 | Trichloroethene | N | 0.16 | ug/L | U | F | 0.16 | | | G | STD |
| SW018 | SL | 10/20/2021 | RFS01-10.2110038-073 | 75-01-4 | Vinyl chloride | N | 0.1 | ug/L | U * | F | 0.1 | | | G | STD |
| SW093 | SL | 7/2/2021 | RFS01-13.2201070-012 | 14596-10-2 | Americium-241 | N | 0.0292 | pCi/L | HU | F | | 0.0269 | | C | GEN |
| SW093 | SL | 7/2/2021 | RFS01-13.2201070-012 | 7440-41-7 | Beryllium | N | 1 | ug/L | U | F | 1 | | | C | GEN |
| SW093 | SL | 7/2/2021 | RFS01-13.2201070-012 | 7440-43-9 | Cadmium | Y | 0.3 | ug/L | U | F | 0.3 | | | C | GEN |
| SW093 | SL | 7/2/2021 | RFS01-13.2201070-012 | 7440-47-3 | Chromium | N | 20 | ug/L | B | F | 1 | | | C | GEN |
| SW093 | SL | 7/2/2021 | RFS01-13.2201070-012 | PU-239,240 | Plutonium-239, 240 | N | 0.177 | pCi/L | H | F | | 0.0549 | J | C | GEN |
| SW093 | SL | 7/2/2021 | RFS01-13.2201070-012 | 7440-22-4 | Silver | Y | 0.3 | ug/L | U | F | 0.3 | | | C | GEN |
| SW093 | SL | 7/2/2021 | RFS01-13.2201070-012 | 7440-61-1 | Uranium | N | 8.48 | ug/L | | F | 0.067 | | | C | GEN |

# Analytical Results for Water Samples, Fourth Quarter CY 2021
## RFLMA Data

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE | CAS | ANALYTE | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WOMPOC | SL | 7/14/2021 | RFS01-13.2201070-015 | 14596-10-2 | Americium-241 | N | 0.0128 | pCi/L | HU | F | | 0.0109 | | C | GEN |
| WOMPOC | SL | 7/14/2021 | RFS01-13.2201070-015 | PU-239,240 | Plutonium-239, 240 | N | 0.00805 | pCi/L | HU | F | | 0.0118 | | C | GEN |
| WOMPOC | SL | 7/14/2021 | RFS01-13.2201070-015 | 7440-61-1 | Uranium | N | 5.89 | ug/L | | F | 0.067 | | | C | GEN |

## EXPLANATION

**FILTRATION STATUS**

N = Sample was not filtered.
Y = Sample was filtered.

**UNITS**

mg/L; ppm = milligrams per liter
pCi/L = picocuries per liter
ug/L = micrograms per liter
C = degrees celsius
mS/cm = milliSiemens per centimeter
NTU = normal turbidity units
s.u. = standard pH units
uS/cm = microSiemens per centimeter
umhos/cm = microSiemens per centimeter

**SAMPLE_TYPE**

F = Field Sample
D = Duplicate

**DATA_VALIDATION_QUALIFIERS**

| | |
|---|---|
| <NULL> | No qualifiers |
| F | Low flow sampling method used. |
| G | Possible grout contamination, pH > 9. |
| J | Estimated value. |
| L | Less than 3 bore volumes purged prior to sampling. |
| Q | Qualitative result due to sampling technique |
| R | Unusable result. |
| U | Parameter analyzed for but was not detected. |
| X | Location is undefined. |
| 999 | Validation not complete |

**LAB_QUALIFIERS**

| | |
|---|---|
| * | Replicate analysis not within control limits. |
| + | Correlation coefficient for MSA < 0.995. |
| > | Result above upper detection limit. |
| A | TIC is a suspected aldol-condensation product. |
| B | Inorganic: Result is between the IDL and CRDL. Organic & Radiochemistry: Analyte also found in method blank. |
| C | Pesticide result confirmed by GC-MS. |
| D | Analyte determined in diluted sample. |
| E | Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS. |
| H | Holding time expired, value suspect. |
| I | Increased detection limit due to required dilution. |
| J | Estimated. |
| M | GFAA duplicate injection precision not met. |
| N | Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compund (TIC). |
| P | > 25% difference in detected pesticide or Arochlor concentrations between 2 columns. |
| S | Result determined by method of standard addition (MSA). |
| U | Analytical result below detection limit. |
| W | Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance. |
| X | Laboratory defined (USEPA CLP organic) qualifier, see case narrative. |
| Y | Laboratory defined (USEPA CLP organic) qualifier, see case narrative. |
| Z | Laboratory defined (USEPA CLP organic) qualifier, see case narrative. |

**LOCATION_TYPE**

| | |
|---|---|
| SL | SURFACE LOCATION |
| TS | TREATMENT SYSTEM |
| WL | WELL |

**COLLECTION_METHOD**

| | |
|---|---|
| G | Grab |
| C | Composite |

**LAB_CODE**

| | |
|---|---|
| GEN | Gel Laboratories LLC |
| STD | Eurofins Test America |

# Appendix

- Meeting Protocols
- Acronym List

# ROCKY FLATS STEWARDSHIP COUNCIL

P.O. Box 17670 (303) 412-1200
Boulder, CO 80308-0670
www.rockyflatssc.org

Jefferson County ~ Boulder County ~ City and County of Broomfield ~ City of Arvada ~ City of Boulder
City of Golden ~ City of Northglenn ~ City of Thornton ~ City of Westminster ~ Town of Superior
League of Women Voters ~ Rocky Flats Cold War Museum ~ Rocky Flats Homesteaders
Kim Griffiths


## Rocky Flats Stewardship Council – Meeting Overview and Protocols

The central purpose of the meeting of the Rocky Flats Stewardship Council Board of Directors is for the Board and public to learn about current site activities and monitoring results, to be briefed on any issues or challenges DOE and the regulatory agencies are facing, and other issues that come before the Board. The Board reserves time at each meeting to address governance-related issues. Those issues are identified in the meeting agenda, and could include the budget, work plan, minutes, and related items.

All meetings of the Board of Directors are open to the public. From time to time, and in accordance with § 24-6-402(4), Colorado Revised Statutes, the Board may go into executive session. Public notice of the executive session is provided in the meeting agenda.

**Public Engagement Protocols:** Time is allotted at each meeting for the public to address the Board of Directors and presenters. The following procedures apply to all meetings of the Board of Directors. The Chair reserves the right to modify these procedures.

1. Public comment periods: The public comment periods are identified on the meeting agenda. The goal is to have two public comment periods—one near the start of the meeting and another near the end. The public comment periods are not a Q&A with the Board.
2. Time limit: The Board requests that comments be to the point. If individual comments are too long and/or if there are a number of people who wish to speak, the Chair reserves the right to enact a time limit.
3. Additional public comment: As time allows, and as called on by the Chair, the public is allowed to ask questions or express an opinion during presentations. The Board will have the first opportunity to ask questions or make comments.

**No personal attacks:** All people speaking at the meeting must refrain from personal attacks and address the issues at hand.

**Public Comment on Stewardship Council Website:** The Stewardship Council website includes a section for public comment. To have your comment posted, you must email a copy of your comments to David Abelson (dabelson@rockyflatssc.org).

**Noise:** In order to help reduce background noise, sidebar and backroom conversations should be taken into the hall.

To be added to the Stewardship Council's email distribution list, please email David Abelson (dabelson@rockyflatssc.org).

Rocky Flats Acronym List
Prepared for the Rocky Flats Stewardship Council
Rev. 02/20

| Acronym or Term | Means | Definition |
|---|---|---|
| Alpha radiation | | A type of radiation that is not very penetrating and can be blocked by materials such as human skin or paper or one inch of air. Alpha radiation presents its greatest risk when it is inhaled or ingested. Plutonium, the radioactive material of greatest concern at Rocky Flats, produces this type of radiation. |
| Am | americium | A man-made radioactive element that is a byproduct of plutonium (Pu) production. Am emits gamma radiation, which can penetrate many types of protective shielding. During the production era at Rocky Flats, Am was chemically separated from Pu to reduce personnel exposures. |
| AME | Actinide Migration Evaluation | An exhaustive, years-long study by independent researchers who studied how actinides such as plutonium, americium, and uranium move through the soil and water at Rocky Flats. |
| AMP | Adaptive Management Plan | Additional water quality sampling and analysis that DOE is conducting, beyond the normal environmental assessments, to inform decisions regarding future breaches of remaining dams. |
| AOC well | Area of Concern well | A particular type of groundwater well. |
| B | boron | An inorganic compound that has been found in some surface water and groundwater samples at Rocky Flats. |
| Be | beryllium | A very strong and lightweight metal that was used at Rocky Flats in the manufacture of nuclear weapons. Exposure to beryllium is now known to cause respiratory disease in those persons sensitive to it. |
| Beta radiation | | A type of radiation that is more penetrating than alpha (but less penetrating than gamma). Beta particles can be stopped after traveling through 10 feet of air or a thin layer of glass or metal. Some forms of uranium emit beta radiation. |
| BMP | Best Management Practices | A term used to describe actions taken by DOE that are not required by regulation but warrant action. |
| BZ | Buffer Zone | The portion of the Rocky Flats site that was added during production to provide a "buffer" between the neighboring communities and the industrial portion of Rocky Flats. The buffer zone covered approximately 6,100 acres. Most of the buffer zone lands now make up the Rocky Flats National Wildlife Refuge. |
| CAD/ROD | Corrective Action Decision/Record of Decision | The complete final plan for cleanup and closure for Rocky Flats. The Federal/State laws that governed the cleanup at Rocky Flats required a document of this sort. |
| CCP | Comprehensive Conservation Plan | The refuge plan adopted by the U.S. Fish and Wildlife Service in 2007. |
| CDPHE | Colorado Department of Public Health and Environment | The state agency that regulates Rocky Flats. |

| Acronym or Term | Means | Definition |
|---|---|---|
| CERCLA | Comprehensive Environmental Response, Compensation and Liability Act | Federal legislation that governs the Rocky Flats cleanup. Also known as the Superfund Act. |
| cfs | cubic feet per second | A volumetric measure of water flow. |
| COC | Contaminant of Concern | A hazardous or radioactive substance that is present at Rocky Flats. |
| COU | Central Operable Unit | A CERCLA term used to describe the DOE-retained lands (about 1,300 acres) at Rocky Flats. The COU overlays the former Industrial Area (where manufacturing activities took place) and contains all engineered elements of the remedy (two landfills and four groundwater treatment systems) and areas of residual subsurface contamination. |
| CR | Contact Record | A regulatory procedure where CDPHE reviews a proposed action by DOE and either approves the proposal as is or requires changes to the proposal before approval. CRs apply to a wide range of activities performed by DOE. After approval, the CR is posted on the DOE-Legacy Management (LM) website and the public is notified via email. |
| Cr | chromium | Potentially toxic metal used at Rocky Flats. |
| CRA | Comprehensive Risk Assessment | A series of analyses that assess human health risks and risks to the environment (flora and fauna). |
| D&D | decontamination and decommissioning | The process of cleaning up and tearing down buildings and other structures. |
| DG | Discharge Gallery | The location where the treated effluent of the Solar Ponds Plume Treatment System (defined below) empties into North Walnut Creek. |
| DOE | U.S. Department of Energy | The federal agency that manages portions of Rocky Flats. The site office is the Office of Legacy Management (LM). |
| EA | Environmental Assessment | A study required by NEPA (defined below) when a federal agency proposes an action that could impact the environment. The agency is responsible for conducting the analysis to determine what, if any, impacts to the environment might occur due to a proposed action. |
| EIS | Environmental Impact Statement | An evaluation that is undertaken by a government agency when it is determined, via the EA, that a proposed action by the agency may have significant impacts to the environment. |
| EPA | U.S. Environmental Protection Agency | The federal agency that regulates Rocky Flats activities. |
| EEOICPA | Energy Employees Occupational Illness Compensation Program Act | An act passed by Congress in 2000 to compensate sick nuclear weapons workers and certain survivors. |

| Acronym or Term | Means | Definition |
|---|---|---|
| ETPTS | East Trenches Plume Treatment System | The treatment system near the location of the East Waste Disposal Trenches. This system treats groundwater emanating from the trenches that is contaminated with organic solvents, as well as groundwater routed from the Mound Plume Site Collection System. Treated effluent flows into South Walnut Creek. |
| FC | functional channel | Man-made stream channels constructed during cleanup to help direct water flow. |
| FACA | Federal Advisory Committee Act | The federal law that regulates federal advisory boards. The law requires balanced membership and open meetings with published Federal Register meeting dates. |
| Gamma Radiation | | The most penetrating type of radiation at Rocky Flats. Thick, dense shielding is necessary to protect against gamma rays. Americium (Am) is a strong gamma emitter. |
| GAO | Government Accountability Office | Congressional investigative office that reports to Congress. |
| g | gram | A metric unit of mass. |
| gpm | gallons per minute | A volumetric measure of water flow. |
| GWIS | Groundwater Intercept System | A below-ground system that directs contaminated groundwater toward the Solar Ponds Plume and East Trenches Plume Treatment Systems. |
| IA | Industrial Area | The central core of Rocky Flats where all manufacturing activities took place. The IA covered 385 of Rocky Flats's 6,500 acres. |
| IC | Institutional Control | Administrative and legal controls employed to protect the integrity of the remedies in place and minimize the potential for human exposure to residual contamination. |
| IGA | intergovernmental agreement | A cooperative agreement between local governments that establishes the framework of the Stewardship Council. |
| IHSS | Individual Hazardous Substance Site | A name given during cleanup to a discrete area of known or suspected contamination. There were formerly over two hundred IHSSs at Rocky Flats. |
| ITPH | interceptor trench pump house | The location where contaminated groundwater collected by the interceptor trench is pumped to either the Solar Ponds Plume Treatment System or the East Trenches Plume Treatment System. |
| L | liter | Metric measure of volume (slightly larger than a quart). |
| LANL | Los Alamos National Laboratory | One of the US government's premier research institutions located near Santa Fe, NM. LANL is continuing to conduct highly specialized water analysis for Rocky Flats. Using sophisticated techniques, LANL is able to determine the percentages of both naturally occurring and man-made uranium, which helps to inform water quality decisions. |
| LHSU | lower hydrostratigraphic unit | Hydrogeological term for deep unweathered bedrock that is hydraulically isolated from the upper hydrostratigraphic unit (see UHSU). Data show that site COCs have not contaminated the LHSU. |

| Acronym or Term | Means | Definition |
|---|---|---|
| LM | Legacy Management | DOE office responsible for overseeing activities at closed sites. |
| LMPIP | Legacy Management Public Involvement Plan | A plan that follows DOE and EPA guidance on public participation and outlines the methods of public involvement and communication used to inform the public of site conditions and activities. It was previously known as the Post-Closure Public Involvement Plan (PCPIP). |
| O&M/OM&M | Operations, monitoring, and maintenance | Term that describes ongoing activities at Rocky Flats. |
| MOU | Memorandum of Understanding | The formal agreement between EPA and CDPHE specifying that CDPHE is the lead post-closure regulatory agency with EPA providing assistance when needed. |
| MSPCS | Mound Site Plume Collection System | The system that collects groundwater and routes it to the ETPTS for treatment. |
| MSPTS | Mound Site Plume Treatment System | The remediation system formerly in place (reconfigured in 2016) to treat groundwater contaminated with organic solvents emanating from the Mound Site (a portion of Rocky Flats where waste barrels were buried). |
| NEPA | National Environmental Policy Act | Federal legislation that requires the federal government to perform analyses of environmental consequences of major projects or activities. |
| nitrates | | Contaminant of concern originating from Solar Ponds wastes. Nitrates have been detected in the North Walnut Creek drainage. Nitrates are very soluble in water and move readily through the aquatic environment. |
| Np | neptunium | A man-made radioactive isotope that is a by-product of nuclear reactors and plutonium production. |
| NPL | National Priorities List | A list of Superfund sites. The refuge lands were de-listed from the NPL, while the DOE-retained lands are still on the NPL because of residual groundwater contamination and associated remediation activities. |
| NWCS | North Walnut Creek Slump | Slumping observed on the hillside east of the Solar Ponds Plume Treatment System. |
| OLF | Original Landfill | Hillside dumping area of about 20 acres that was used from 1951 to 1968. The OLF underwent remediation with the addition of a soil cap and groundwater monitoring locations. |
| OU | Operable Unit | A distinct area within a cleanup site. These areas may address geographic areas, specific problems, or medium (e.g., groundwater, soil) where a specific action is required. |
| PCE | perchloroethylene (a.k.a. tetrachloroethylene) | A volatile organic solvent used in past operations at Rocky Flats. |
| pCi/g | picocuries per gram | A unit of radioactivity in soil. |
| pCi/L | picocuries per liter | A unit of radioactivity in water. CDPHE's regulatory limit for Pu and Am in surface water at Rocky Flats is 0.15 pCi/L. This standard is 100 times stricter than the EPA's drinking water standard. |

| Acronym or Term | Means | Definition |
|---|---|---|
| PLF | Present Landfill | Landfill constructed in 1968 to replace the OLF. During site remediation, the PLF was closed under RCRA regulations with an extensive cap and monitoring system. |
| PMJM | Preble's Meadow Jumping Mouse | A species of mouse found along the Front Range that is on the endangered species list. There are several areas in the Refuge and COU that provide adequate habitat for the mouse, usually found in drainages. Any operations that are planned in potential mouse habitat are strictly controlled. |
| POC | Point of Compliance (surface water) | A surface water monitoring location at Rocky Flats where contaminant concentrations must be in compliance with federal and state standards for hazardous constituents. Violations of water quality standards at the points of compliance could result in DOE receiving financial penalties. |
| POE | Point of Evaluation (surface water) | A surface water monitoring location at Rocky Flats where water quality is monitored. There are no financial penalties associated with water quality exceedances at these locations, but DOE may be required to develop a plan of action to improve the water quality. |
| POU | Peripheral Operable Unit | A CERCLA term used to describe the 4,800-acre area surrounding the Central Operable Unit. |
| Pu | plutonium | A metallic substance that was fabricated to form the core, or "trigger", of a nuclear weapon. Formation of these triggers was the primary production mission of the Rocky Flats site. There are different forms of plutonium, called isotopes. Each isotope is known by a different number, such as plutonium 239 (Pu-239) and plutonium 241 (Pu-241). Pu-239 is the primary radioactive COC at Rocky Flats. |
| RCRA | Resource Conservation and Recovery Act | Federal law regulating hazardous waste. In Colorado, EPA delegates to CDPHE the authority to regulate hazardous wastes. |
| RFCA | Rocky Flats Cleanup Agreement | The regulatory agreement that governed cleanup activities. DOE, EPA, and CDPHE were signatories. |
| RFCAB | Rocky Flats Citizen Advisory Board | The group formed as part of DOE's site-specific advisory board network. The RFCAB provided community feedback to DOE on a wide variety of Rocky Flats issues from 1993 through regulatory closure in 2006. |
| RFCLOG | Rocky Flats Coalition of Local Governments | The predecessor organization of the Rocky Flats Stewardship Council. |
| RFETS | Rocky Flats Environmental Technology Site | The moniker for Rocky Flats during cleanup years. |
| RFLMA | Rocky Flats Legacy Management Agreement | The post-cleanup regulatory agreement between DOE, CDPHE, and EPA that governs site activities. The CDPHE has the lead regulatory role, with support from EPA as required. |
| RFNWR | Rocky Flats National Wildlife Refuge | The 4,000 acres of Rocky Flats where unrestricted use is allowed. This land is now a wildlife refuge. |

| Acronym or Term | Means | Definition |
|---|---|---|
| RFSOG | Rocky Flats Site Operations Guide | The nuts-and-bolt guide for post-closure site activities performed by DOE and its contractors. |
| RSAL | Radionuclide Soil Action Level | Concentration of radionuclide in soil above which remedial action should be considered so that people are not exposure to radiation doses above permitted levels. |
| SEP | Solar Evaporation Ponds | An area of Rocky Flats used in the 1950s to hold excess wastewater generated during manufacturing operations. Wastewater that could not be treated in the onsite treatment plant was sent to open-air holding ponds where solar energy was utilized to evaporate and concentrate the waste. The original SEPs were unlined, and substantial quantities of uranium and nitrates made their way into groundwater. As a result, the Solar Ponds Plume Treatment System was constructed to treat contaminated groundwater before it emerged as surface water in North Walnut Creek. |
| SID | South Interceptor Ditch | A water feature designed to intercept runoff from the southern portion of the COU. The SID flows from west to east into Pond C-2. Woman Creek water does not enter Pond C-2, but is diverted around Pond C-2 through the Woman Creek Diversion Canal. |
| SPPTS | Solar Ponds Plume Treatment System | Engineered system designed to treat groundwater contaminated with uranium and nitrates. The nitrates originate from the former solar evaporation ponds, which had high levels of nitric acid. The uranium is primarily naturally occurring. Effluent from the SPPTS flows into North Walnut Creek. |
| SVOCs | semi-volatile organic compounds | Organic compounds that are not as volatile as solvent-related VOCs. SVOCs are found in many environmental media at Rocky Flats. They are found in materials like oil, coal, asphalt, and tar. |
| TCE | trichloroethylene | A volatile organic compound used as a solvent in past site operations. TCE is also a degradation product of PCE. |
| U | uranium | Naturally occurring radioactive element. There were two primary isotopes of U used during production activities. The first was enriched U, which contained a very high percentage (>90%) of U-235 and was used in nuclear weapons. The second isotope was U-238, also known as depleted uranium. U-238 has low levels of radioactivity. |
| ug/L or µg/L | micrograms per liter | A unit of contaminant concentration in water. |
| UHSU | upper hydrostratigraphic unit | A hydrogeological term describing the surficial materials and weathered bedrock found at Rocky Flats. The UHSU is hydraulically isolated from the lower hydrostratigraphic unit (see LHSU). Groundwater in some UHSU areas of Rocky Flats is contaminated with site-related COCs, while groundwater in other UHSU areas is not impacted. All groundwater in the UHSU emerges to surface water before it leaves Rocky Flats. |

| Acronym or Term | Means | Definition |
|---|---|---|
| USFWS | United States Fish & Wildlife Service | The agency within the US Department of the Interior that is responsible for maintaining the nation-wide system of wildlife refuges, among other duties. The regional office is responsible for the RFNWR. |
| UUUE | unlimited use and unrestricted exposure | A regulatory term used to describe residual risk remaining after a site has been remediated. In 2007, the Peripheral Operable Unit (POU) was found to be suitable for unlimited use and unrestricted exposure (based on risk calculations). EPA removed the POU (now largely the Rocky Flats National Wildlife Refuge) from the EPA's National Priorities List of CERCLA or "Superfund" sites. |
| VOC | volatile organic compound | These compounds include cleaning solvents that were used in the manufacturing operations at Rocky Flats. The VOCs used at Rocky Flats include carbon tetrachloride (often called carbon tet), trichloroethene (TCE), perchloroethylene (PCE), and methylene chloride. |
| WALPOC | Walnut Creek Point of Compliance | The surface water Point of Compliance on Walnut Creek, at the COU boundary. |
| WCRA (or “the Authority”) | Woman Creek Reservoir Authority | The group composed the cities of Westminster, Northglenn, and Thornton. These cities use Standley Lake as part of their drinking water supply network. Surface water from Rocky Flats formerly flowed through Woman Creek to Standley Lake, but the Woman Creek Reservoir was constructed to sever that connection. The Authority has an operations agreement with DOE to manage the Woman Creek Reservoir. |
| WOMPOC | Woman Creek Point of Compliance | The surface water Point of Compliance on Woman Creek, at the COU boundary. |
| WQCC | Water Quality Control Commission | State board within CDPHE tasked with overseeing water quality issues throughout the state. DOE has petitioned the WQCC several times in the last few years regarding water quality issues. |
| WRW | Wildlife Refuge Worker | User scenario on which exposure risks are calculated. |
| ZVI | zero valent iron | A type of fine iron particles formerly used to treat VOCs in the ETPTS and MSPTS. |