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

Board of Directors Meeting – Agenda
Monday, February 6, 2023
8:30 – 10:45 AM
VIA ZOOM (details on next page)

8:30 AM Convene/Introductions/Agenda Review/Meeting Protocols

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. Elect Stewardship Council Officers for 2023
   Action Item: Elect Officers

2. Adopt 2023 Meeting Schedule and Notice Provisions Resolution
   Action item: Adopt Resolution

3. Consent Agenda: Approve meeting minutes and checks

4. Executive Director's Report

9:05 AM Host DOE Quarterly Meeting (briefing memo attached)

- DOE will brief on site activities for the third quarter of 2022 (July – September).
- DOE has posted the report on its website and will provide a summary of its activities to the Stewardship Council.
- Activities included surface water monitoring, groundwater monitoring, ecological monitoring, and site operations (inspections, maintenance, etc.).

9:25 AM Board Roundtable – Big Picture/Additional Questions/Issue Identification

9:35 AM Roundtable Discussion of DOE's Quarterly Report (see 9:05 AM briefing topic memo for details)

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

Adjourn

Upcoming Meetings: All dates are proposed and will be set at this meeting

April 3
June 5
September 18
October 30

Join Zoom Meeting
https://zoom.us/j/9702195401?pwd=Y0htbUlnYkllYVZMYzFkK3oydEhMQT09

Meeting ID: 970 219 5401
Passcode: 964512
+17193594580

Business Items

- Cover memo
- 2023 meeting dates resolution and notice provisions
- October 31, 2022, draft board meeting minutes
- List of Stewardship Council checks

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MEMORANDUM

TO: Board of Directors
FROM: David Abelson
SUBJECT: Business Items
DATE: January 26, 2023

As provided in the agenda, the Board must:

1. Elect Stewardship Council officers for 2023
2. Adopt 2023 Meeting Schedule and Notice Provisions Resolution
3. Approve the Consent Agenda (minutes and checks)

The first two items are discussed below.

Election of Officers
In accordance with the Stewardship Council bylaws, "the Chair, Vice Chair, and Secretary/Treasurer shall be elected annually by the Board of Directors." The terms commence at this meeting, and there are no limitations as to the number of terms one can serve. The following people have expressed interest in serving:

Jan Kulmann (Thornton) – Chair
Deven Shaff (Broomfield) – Vice Chair
Jeannette Hillery (League of Women Voters) – Secretary/Treasurer

If you are interested in serving, please let me know. Additional names can be added for consideration at the meeting.

ACTION ITEM: Elect the officers for 2023

Resolution Re: 2023 Meeting Schedule and Notice Provisions
Each year, the Board adopts a resolution establishing the meeting dates for the year. The proposed dates for 2023 are:

February 6 (first Monday of the month) – virtual
April 3 (first Monday of the month) – virtual
June 5 (first Monday of the month) – in person only

September 18 (third Monday of the month) – virtual
October 30 (last Monday of the month) – virtual

The attached resolution and notice provisions track the Stewardship Council's bylaws.

ACTION ITEM: Adopt the meeting schedule and notice resolution

RESOLUTION
OF THE
BOARD OF DIRECTORS
OF
ROCKY FLATS STEWARDSHIP COUNCIL

regarding

2023 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 2021.

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

1. Meeting Schedule/Location. The Board of Directors determines to hold regular meetings in 2023 on **February 6, April 3, June 5, September 18 and October 30 at 8:30 AM**; and to hold special meetings as may be necessary, in accordance with the Bylaws of the Stewardship Council. The February, April, September and October meetings will be held virtually via electronic platform and the June meeting will be held in person at the Rocky Mountain Metropolitan Airport, Terminal Building, Mount Evans Room, 11755 Airport Way, Broomfield, Colorado. Members of the public will be able to participate remotely via electronic platform.

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 FEBRUARY, 2023.

(SEAL)

ROCKY FLATS STEWARDSHIP COUNCIL

By: _____
Chair

ATTEST:

By: _____

ROCKY FLATS STEWARDSHIP COUNCIL
Monday, October 31, 2022
8:30 – 10:35 AM

Board members in attendance: Randy Moorman (Director, Arvada), Jacob Moyer (Alternate, Arvada), Marni Ratzel (Second Alternate, City of Boulder), Deven Shaff (Director, City and County of Bromfield), Claire Levy (Director, Boulder County), Summer Laws (Alternate, Boulder County), Ann Byerly (non-voting representing Golden), Pat O'Connell (Alternate, Jefferson County), Shelley Stanley (Alternate, Northglenn), Mark Lacis (Director, Superior), Jan Kulmann (Director, Thornton), Caleb Owen (Alternate, Thornton), Rich Seymour (Director, Westminster), Trea Nance (Second Alternate, Westminster), Jeannette Hillery (Director, League of Women Voters), Linda Porter (League of Women Voters), Roman Kohler (Director, Rocky Flats Homesteaders), Kim Griffiths

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: Padraic Benson (DOE-LM), Shawn Eichelberger (DOE-LM), Ramona Phillips (RSI Entech), Harry Bolton (RSI Entech), Dana Santi (RSI Entech), John Boylan (RSI Entech), Chris Stewart (RSI Entech), George Squibb (RSI Entech), Karin McShea (RSI Entech), Ryan Wisniewski (RSI Entech), Lindsey Murl (CDPHE), Lukas Staks (Colorado AG's Office), Laura Hubbard (Broomfield), Giselle Herzfeld, Travis Culley, Max Dodson, Chris Allred

Convene/Agenda Review: Jan Kulmann convened the meeting at 8:37 am.

Public Comment: Giselle Herzfeld spoke about the ability to participate via virtual meetings. She thinks meetings should be recorded and available for online review. She supports a hybrid option for Board meetings. She is concerned about the time of the meetings in the morning, which she believes discourages public participation.

Travis Culley mentioned that he had problems leaving comments on the website. David said he would ask the IT person look into the problem. Travis passed out his statement of purpose for joining the Board.

Chris Allred spoke about the Stewardship Council not providing an accessible forum for the public, that meetings should be after work. He said that city council meetings are recorded and posted online. There needs to be a recording for the public record so people can engage. Meetings need to be held at a location where hybrid meetings are an option. He said the Stewardship Council's funding going is a conflict of interest and more money should be allocated to public accessibility. He passed out a letter from Jon Lipsky and Michael Ketterer regarding the Board's funding.

Consent Agenda: The consent agenda included the draft September 19, 2022, meeting minutes and checks written since that meeting. Roman Kohler moved to approve the consent agenda. The motion was seconded by Mark Lacis. The motion to accept the minutes and checks passed 12-0.

Executive Director's Report: David addressed the comments about funding coming from DOE. He reiterated that the Board is charged with allocating funding. He asked that Board members speak up if

their values are compromised by the Stewardship Council receiving an operating grant from DOE. He continued by noting that he has yet to see a local government official, their representative, or a community member charge or moderate their views due to the Stewardship Council receiving an operating grant from DOE. To the request that the Stewardship Council meet at night, David noted we meet during the day due to city and town councils meeting at night.

David then spoke about the decline of public engagement during virtual COVID meetings. As David explained, a common narrative is that virtual meetings increase engagement. While that may be the case broadly speaking, it was not the experience of the Stewardship Council during the period that the Board was meeting virtually. Starting in January 2015, the Board saw a surge in attendance by the public – increased involvement was measured by the number of members of the public attending the meetings and the number of comments received at the meetings. Starting at the February 2020 meeting (the last in-person meeting prior to COVID) there was a precipitous drop-off that continued during virtual meetings – mirroring attendance in 2014, the first year David examined. David then placed the discussion in context.

From January 2014 through September 2022, 143 different individuals attended Board meetings. Some attended many, and many attended one. 143 does not include the Board, local government staff, Congressional staff, DOE, CDPHE, and EPA; it is simply true members of the public, including the media. 143 might not seem like a lot of people, but at some DOE cleanup sites, David explained, a fraction of that number attended public meetings. David continued by noting that the 143 figure starts eight years after closure of Rocky Flats. During COVID, David noted, only eight new people started attending meetings, and of those eight, three attended only one meeting. It is clear, he said, that virtual meetings did lead to more participation at Stewardship Council meetings, and they did not lead to sustained engagement. Further, during COVID only 17 individuals attended meetings.

David concluded by noting what we missed during COVID was Board engagement that characterizes in-person meetings and direct access to DOE and elected officials. The success of our meetings over the years has been the Board getting to know one another, working together in-person, and having direct engagement with the public.

Claire Levy said we learned during COVID that hybrid meetings have value, and it's good for openness and accountability. She thinks we ought to consider hybrid meetings. Jan Kulmann replied that topic was discussed a few times at the executive committee, and it was decided it was too difficult for people online to communicate with people in person. She observed there was little engagement when we were online. She appreciates public engagement, but the purpose of this Board is to provide information to disseminate to constituents.

Mark Lacis replied that he supported hybrid option, and that a hybrid option in Superior has worked. He acknowledged that the hybrid format is not as effective when some members are remote and some are in person. He offered that the best compromise is to have a hybrid option for public participation and have recordings of the meetings. Mark thought the Stewardship Council should try.

Deven Shaff said Broomfield allows the public to call in. He supports having the meetings recorded. He wants to move away from a hybrid option, however, where members of the public interrupt Board members and people are talking over each other.

Randy Moorman expressed support for exploring a hybrid option.

Jan said DOE requires the Board to use WebEx for virtual meetings. She committed to discussing the issue again with the executive committee.

David Abelson said he watched the OWL camera videos and thinks the group may be too big for it. He also wondered who will manage disruptions. David does not know how to manage who is going to talk when he is in the room and there are people on-line.

Potential Executive Session: David talked about allowing the Board to go into Executive Session to discuss people the Board hires. The Board declined to go into Executive Session.

2023 Work Plan – Approval: David noted that the work plan was presented and discussed at the September 2022 meeting. There were no questions. No changes were offered.

Jeannette Hillery moved to approve the 2023 Work Plan. The motion was seconded by Rich Seymour. The motion to accept the work plan passed 12-0.

2023 Budget – Budget Hearing and Adoption: The Board reviewed the draft budget at the September 2022 meeting. The only change offered at that time was to clarify Revenue from Carry-Over. Prior to finalizing the budget, the Board must hold a budget hearing and allow time for public comment. Following the public hearing, the Board must approve the budget resolution.

Barb Vander Wall explained the budget hearing process, in which the Chair opens the hearing, comments are received, and then the Chair closes the hearing. She explained that the Stewardship Council is a unit of local government, a political subdivision under Colorado law, and that one of its obligations is to adopt a budget on an annual basis showing its revenues and expenditures. This process is to be completed by the end of the year and filed by the end of January. A notice of this public budget hearing was published.

Jan Kulmann opened the hearing for the 2023 budget. She asked for public comments.

Giselle Herzfeld reiterated concern that most of the Stewardship Council's budget comes from DOE and that most of the money goes to two staff members. She argued that it in DOE's interest to incent council leadership to promote DOE's narrative. She clarified her earlier comment that she does not think the Board members compromise their values due to DOE funding.

Chris Allred said he agrees with Giselle's statement, and he appreciates the Stewardship Council discussing the need for more public accessibility. Chris thinks DOE monies going to the director is a conflict of interest and more money needs to be allocated to public participation. He urged the Stewardship Council to reject the budget.

Claire Levy asked if there were ways to amend the budget after it is passed. Barb Vander Wall said that could be done.

Kim Griffiths moved to approve the 2023 Budget. The motion was seconded by Jeannette Hillery. The motion to accept the budget passed 12-0.

Community Representatives Appointments: Jan noted that there had been four applicants for the two open non-governmental seats on the Stewardship Council. They were the Rocky Flats Cold War Museum (not present), Kim Griffiths, Travis Culley, and Herb Fenster (not present). David said Board members would vote on RFCWM, Kim Griffiths, and Travis Culley.

Kim Griffiths: Kim spoke about her interest in rejoining the Stewardship Council. She is a resident of Candelas in Arvada. She pointed out her engagement in meetings and participation/presence at meetings.

Deven Shaff asked what the communities surrounding Rocky Flats have gained from Kim's participation. Kim replied that she has spoken with activists and neighbors at Candelas to discuss Rocky Flats issues. She has co-authored a website that shares peer-reviewed information. Deven asked how she disseminates information to the public. Kim listed the ways she has shared information with the public. Jan asked what Kim thinks the purpose of the Board is. Kim answered that she thinks the purpose is to monitor the remedy, listen to one another, and review and decide if you are going to accept the data received. Kim has met with RSI contractors to discuss Rocky Flats in the past, and she thanked them for their expertise and knowledge.

Travis Culley: Travis said that he can speak up for people who have been left out of the conversation. He is a local resident who grew up in Arvada. He said his father told him in the 1970s that he saw toxic waste being dumped in Marshall Lake. He then talked about the Marshall Fire and his belief that the Marshall Fire was started by people dumping waste in Marshall Lake. He thinks the election offers the opportunity for individuals to speak for themselves and he can give the conversation direction. He sees room for improvement in the activities of the Board. He argued that offsite contamination is being ignored.

Deven asked how long he had attended Stewardship Council meetings. Travis said his first meeting was in September 2022. He spoke of the retraction of the FBI raid on the Rocky Flats Cold War Museum website, which does not mention Jon Lipsky. Deven asked what the communities surrounding Rocky Flats will gain from his participation. Travis thinks he will air and consider voices that have not been represented. Travis thinks the Board can support emergency services regarding fires that may have plutonium and dust that can become flammable. Deven asked how he will disseminate information. Travis has a twitter page with 42 followers, and he participates in Rocky Mountain Peace and Justice Center meetings. Jan asked what he thinks the purpose of the Board is. Travis thinks the Board needs to oversee the Legacy Management agreement. She said he posted on his Twitter page that the Stewardship Council should be dissolved, so why, she asked, would he want to be a part of the organization. He thinks there is value in defunding the organization if the organization is not talking about Marshall Lake and the Marshall Fire.

Vote Count:
Rocky Flats Cold War Museum – 8 votes
Kim Griffiths – 8 votes
Travis Culley – 1 vote
Herb Fenster – 1 vote

Jan Kulmann moved to appoint the Rocky Flats Cold War Museum and Kim Griffiths to the Stewardship Council for a two-year term commencing February 2023. The motion was seconded by Deven Shaff. The motion passed 9-0 (only local governments vote to appoint members.)

Host DOE Quarterly Meeting:
George Squibb gave an overview of Second Quarter 2022 monitoring. Highlights included:

- Surface water
    - RFLMA Point of Compliance and Point of Evaluation analyte concentrations remained below reportable condition levels in the second quarter of CY 2022 with one exception. Despite no flow during the quarter, sample result from May - July 2021 at POE SW027 triggered a reportable condition for the 12-month rolling average plutonium concentrations for May 31, 2022, and June 30, 2022.
    - Results from quarterly performance monitoring for the PLFTS effluent were acceptable. Laboratory error in analysis omitted eight semi-volatile organic compounds. None of the omitted compounds have been detected above RFLMA standards in previous samples.
    - Performance monitoring for the OLF showed VOCs and mercury below RFLMA standards; mean concentrations for metals could not be calculated (June composite sample not completed in time for reporting).
- Groundwater and groundwater treatment systems
    - Sampled all RFLMA wells, Results generally consistent with previous data, will be evaluated in 2022 annual report.
    - Routine maintenance performed at all systems.
    - ETPTS discharge gallery finished (supply chain issues delayed selected valve boxes).
    - SPPTS plumbing modifications and related uranium treatment bench testing resulted in co-precipitation selected as the best treatment option. Pilot-scale testing to begin in Fourth quarter of 2022.
- Operations and Maintenance
    - RFLMA inspections completed including weather-related inspections of the COU and OLF on June 2 (no new issues identified), only routine maintenance performed.
    - OLF: Monthly inspections, no slumping observed.
    - PLF: Quarterly inspections, no issues noted.
    - Landfill Settlement Monument surveys: Vertical settling within design limits.
    - Site erosion controls monitored and maintained.
    - NWCS survey: Continued monthly monitoring of survey points.
- Ecology
    - Wildlife monitoring: nest box surveys, prairie dog surveys (no active towns in COU).
    - Vegetation monitoring: weed mapping, wetland surveys (water level, weed surveys), showy milkweed surveys.
    - Vegetation management: willow stake planting, inter-seeding, weed control.
    - Third quarter preparations: revegetation monitoring, Preble's mouse habitat monitoring, wetland monitoring, and other activities.

Deven asked about the NWCS and triggers for regrading. Harry Bolton discussed the regrading process and the inspections and how they address slumping. Dana Santi talked about the geotechnical

consultant being used at Rocky Flats to inform future actions. He explained that hillside was filled in the past, so it is susceptible to slumping. RSI is watching it.

Kim talked about reinstating site tours next June and encouraged Board members to attend if tours are reinstated.

Big Picture/Additional Questions/Issue Identification: David went through the Big Picture. The next meetings are scheduled for February 6, 2023, and April 3, 2023.

February 6, 2023
Business Items
- Elect 2023 Officers
- Adopt resolution re: 2023 meeting date

Briefing Items
- DOE Quarterly Update

April 3, 2023
Briefing Items
- TBD

Issues to watch:
- Uranium and plutonium reportable conditions
- North Walnut Creek slump
- PFAS
- Multi-purpose building
- Air quality monitoring (wildfire)

Board Roundtable:
No comments were offered.

The official board meeting adjourned at 10:18 am.

Roundtable Discussion of DOE's FY22 Q2 Report
At this point in the meeting, the room was rearranged and board members, non-board members, DOE and CDPHE convened for a roundtable discussion of the quarterly report.

Chris Allred asked about the reportable condition of plutonium and what the protocol is for handling reportable conditions. He also asked about the air quality meeting and why it has not been announced to the public. George Squibb said the RFLMA prescribes how reportable conditions are handled. DOE puts together a path forward for handling reportable conditions, and they have a meeting with RFLMA parties to discuss the reportable condition. They evaluate the situation and put together a contact record describing path forward. Examples could be enhanced erosion controls, additional ground cover, and/or increased frequency of monitoring. Ryan Wisniewski said a remedial action is not necessarily triggered.

David said the air quality meeting was triggered by three local governments sending letters to DOE about resuming air quality monitoring in case of fire at Rocky Flats. DOE will meet with them and other governments in the coming weeks.

Shelley Stanley asked George to review the new contact record for SW-027. Lindsay Murl explained SW-027 is towards SE corner of COU, on South Interceptor Ditch. It took time to get through CR 2021-03, because the RFLMA parties went through the dispute resolution process, which wrapped up in July 2022. CDPHE wanted DOE to look at an expanded area to the east for five years, and do vegetation management and aerial surveys, but they did not ask for additional soil sampling. David asked about what data analysis happens. Lindsay answered that it is a qualitative review of the aerial surveys. RSI is looking for bare ground, areas of erosion, etc. Data will be reported in the Annual Report.

Deven Shaff asked if the vegetation was there to prevent erosion or stabilize the area. George Squibb said it was both.

Randy Moorman asked about digging and the release of airborne contamination. George Squibb and Ryan Wisniewski talked about the consultative process if digging/surface disturbance is proposed.

Deven asked about weather-related inspections. George said the trigger was an inch of precipitation in 24 hours. They are looking for damage from runoff. They use some professional judgment based on the intensity of the weather event. George said the 2013 flood resulted in very little damage – some erosion was observed in creeks but there was no damage to dams.

Shelley Stanley asked about uranium treatments being evaluated at the SPPTS. John Boylan said they hired a subcontractor to review uranium treatment technologies. The bench-scale test showed the best technology was co-precipitation (adding aluminum sulfate to the raw water to cause the uranium to precipitate out of solution into a sludge). Pilot scale testing is scheduled to begin at the end of 2022.

Travis Culley asked if the sludge would be flammable. Ryan answered that the sludge was not flammable.

The meeting was adjourned at 11:15 am.

Rocky Flats Stewardship Council
Check Detail 2023
October 16, 2022 through January 19, 2023

Type	Num	Date	Name	Account	Paid Amount	Original Amount
Check		**10/26/2022**		**CASH-Wells Fargo-Operating**		**-3.50**
				Admin Services-Misc Services	-3.50	3.50
TOTAL					-3.50	3.50
Check		**11/25/2022**		**CASH-Wells Fargo-Operating**		**-3.50**
				Admin Services-Misc Services	-3.50	3.50
TOTAL					-3.50	3.50
Check		**12/26/2022**		**CASH-Wells Fargo-Operating**		**-3.50**
				Admin Services-Misc Services	-3.50	3.50
TOTAL					-3.50	3.50
Bill Pmt -Check	**2170**	**11/07/2022**	**Seter & Vander Wall, P.C.**	**CASH-Wells Fargo-Operating**		**-1,049.29**
Bill	84700	09/30/2022		Attorney Fees	-1,049.29	1,049.29
TOTAL					-1,049.29	1,049.29
Bill Pmt -Check	**2171**	**11/07/2022**	**Jennifer A. Bohn**	**CASH-Wells Fargo-Operating**		**-310.00**
Bill	22-64	10/31/2022		Accounting Fees	-310.00	310.00
TOTAL					-310.00	310.00
Bill Pmt -Check	**2172**	**11/07/2022**	**Crescent Strategies, LLC**	**CASH-Wells Fargo-Operating**		**-8,726.49**
Bill	10/31/2...	10/31/2022		Personnel - Contract	-8,525.00	8,525.00
				TRAVEL-Local	-56.88	56.88
				Postage	-17.99	17.99
				Telecommunications	-96.62	96.62
				Supplies	-30.00	30.00
TOTAL					-8,726.49	8,726.49
Check	**2173**	**11/07/2022**	**Century Link**	**CASH-Wells Fargo-Operating**		**-30.73**
				Telecommunications	-30.73	30.73
TOTAL					-30.73	30.73
Check	**2174**	**12/04/2022**	**Century Link**	**CASH-Wells Fargo-Operating**		**-30.22**
				Telecommunications	-30.22	30.22
TOTAL					-30.22	30.22
Bill Pmt -Check	**2175**	**12/04/2022**	**Crescent Strategies, LLC**	**CASH-Wells Fargo-Operating**		**-9,547.80**
Bill	11/30/2...	11/30/2022		Personnel - Contract	-8,525.00	8,525.00
				TRAVEL-Local	-103.13	103.13
				Postage	-17.99	17.99
				Telecommunications	-96.62	96.62
				TRAVEL-Out of State	-805.06	805.06
TOTAL					-9,547.80	9,547.80
Bill Pmt -Check	**2176**	**12/04/2022**	**Jennifer A. Bohn**	**CASH-Wells Fargo-Operating**		**-120.00**
Bill	22-72	11/30/2022		Accounting Fees	-120.00	120.00
TOTAL					-120.00	120.00
Bill Pmt -Check	**2177**	**12/04/2022**	**Seter & Vander Wall, P.C.**	**CASH-Wells Fargo-Operating**		**-1,762.36**

Rocky Flats Stewardship Council
Check Detail 2023
October 16, 2022 through January 19, 2023

Type	Num	Date	Name	Account	Paid Amount	Original Amount
Bill	84848	10/31/2022		Attorney Fees	-1,762.36	1,762.36
TOTAL					-1,762.36	1,762.36
Bill Pmt -Check	**2178**	**01/07/2023**	**Seter & Vander Wall, P.C.**	**CASH-Wells Fargo-Operating**		**-2,061.65**
Bill	84995	11/30/2022		Attorney Fees	-1,522.65	1,522.65
Bill	85071	12/31/2022		Attorney Fees	-539.00	539.00
TOTAL					-2,061.65	2,061.65
Bill Pmt -Check	**2179**	**01/07/2023**	**Jennifer A. Bohn**	**CASH-Wells Fargo-Operating**		**-380.00**
Bill	22-73	12/31/2022		Accounting Fees	-380.00	380.00
TOTAL					-380.00	380.00
Bill Pmt -Check	**2180**	**01/07/2023**	**Crescent Strategies, LLC**	**CASH-Wells Fargo-Operating**		**-9,547.09**
Bill	12/31/2...	12/31/2022		Personnel - Contract	-8,525.00	8,525.00
				TRAVEL-Local	-20.00	20.00
				Postage	-415.99	415.99
				Telecommunications	-96.62	96.62
				Subscriptions/Memberships	-489.48	489.48
TOTAL					-9,547.09	9,547.09
Check	**2181**	**01/07/2023**	**Century Link**	**CASH-Wells Fargo-Operating**		**-46.03**
				Telecommunications	-30.03	30.03
				Telecommunications	-16.00	16.00
TOTAL					-46.03	46.03

DOE Quarterly Report

- Cover memo
- Selection of quarterly report

ROCKY FLATS STEWARDSHIP COUNCIL

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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: January 20, 2023

DOE will present an overview of remedy-related surveillance, monitoring, and maintenance activities conducted at Rocky Flats during the third quarter (July 1 to September 30) of calendar year 2022. The full report can be accessed here: https://lmpublicsearch.lm.doe.gov/lmsites/s43376_rfs_3q22.pdf.

Quarterly Report Summary

- **Present Landfill (PLF)**: The quarterly inspection was combined with a weather-related inspection (following 1+ inch of precipitation) on August 18. No issues were identified.

- **Original Landfill (OLF)**: Three monthly inspections (July 22, August 18, and September 19). The August inspection was combined with a weather-related inspection. No issues were identified.

- **Central Operable Unit (COU):** The COU was inspected for significant erosion following a major precipitation event in August. No new erosion, subsidence, or anomalies were noted.

- **North Walnut Creek Slump**
  - The hillside east of the Solar Ponds Plume Treatment System (SPPTS) is the site of a slump, called the North Walnut Creek Slump, that is monitored as a best management practice.
  - Slump movement continued during the quarter. The hillside has moved a total of 4 to 6 feet along the scarp since the hillside was regraded in 2017.

- **Groundwater Treatment Systems—East Trenches Plume Treatment System, Mound Site Plume Collection System, Solar Ponds Plume Treatment System (SPPTS), and Present Landfill Treatment System:** Routine maintenance of all four systems was performed. The solar/battery power facility at the SPPTS was replaced and upgraded.

- **Groundwater Treatment System Monitoring:** Routine quarterly effluent samples were collected from the Present Landfill Treatment System on October 7. All analyte concentrations in the effluent samples were below applicable standards for the quarter.

- **Groundwater Monitoring:** Eleven groundwater samples were collected and analyzed (see attached Monitoring Location figure).
    - Results were generally consistent with previous data and will be evaluated as part of the annual report for 2022.
    - 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 6 composite surface water samples, 2 surface water grab samples, and 14 treatment system grab samples were collected and analyzed (see attached Monitoring Location figure).
    - Although no flow occurred at monitoring location SW027 in 2022, and thus no samples have been collected, the 12-month rolling average Pu concentrations for May 31 and June 30, 2022, cause a reportable condition. These average Pu concentration values include only a single sample collected the previous year, representing flow from May 20, 2021, to July 2, 2021. The 12-month concentrations calculated for the second quarter of 2022 increased because lower concentration samples collected earlier in 2021 were no longer included in the averaging period, not because new sample results were added in 2022. The 2022 reportable condition is essentially a continuation of the 2021 reportable condition, since both were caused by data collected in 2021. The 2021 sample results and corresponding reportable condition are addressed in Contact Record 2021-03 (https://lmpublicsearch.lm.doe.gov/lmsites/rflma%20cr%202021-03.pdf). The Board discussed this Contact Record at the November 2021 Board meeting.
    - As of July 31, 2022, no flow has occurred at SW027 for more than 12 months, and no flow or analytical data are available. Therefore, with the absence of average values after July 31, 2022, Pu is no longer reportable at SW027.
    - No recent validated sample results have been received for monitoring location GS10 (the most recent results are from the composite sample for the period from May 24 to June 7, 2022). Routine data evaluation in August 2022 indicated, however, that the 12-month rolling average for uranium may trigger a reportable condition for August 31, 2022. (A composite sample consists of multiple aliquots or "grabs" of identical volume collected over a prolonged period of time. The composite sample from GS10 started on June 7, 2022, and was still in progress as of November 30, 2022.)
    - All other analyte concentrations at monitoring locations GS10, SW027, and SW093 remained below reportable condition levels during the third quarter of 2022.
    - All analyte concentrations at monitoring locations WALPOC and WOMPOC also remained below reportable condition levels during the third quarter of 2022.

Attachments

Q3 2022 Report Cover Page, Table of Contents, and Abbreviations
Rocky Flats Site Water Monitoring Locations
Analytical Results for Water Samples

LMS/RFS/43376

Rocky Flats Site, Colorado, Quarterly Report of Site Surveillance and Maintenance Activities, Third Quarter, Calendar Year 2022

January 2023

U.S. DEPARTMENT OF ENERGY | Legacy Management

This document has been designed for online viewing.

Contents

Figures

Appendixes

Abbreviations

Am	americium
AOC	Area of Concern
BMP	best management practice
CAD/ROD	Corrective Action Decision/Record of Decision
COU	Central Operable Unit
CR	Contact Record
CY	calendar year
DOE	U.S. Department of Energy
ETPTS	East Trenches Plume Treatment System
IC	institutional control
ITSS	Interceptor Trench System Sump
LANL	Los Alamos National Laboratory
LBNL	Lawrence Berkeley National Laboratory
LM	Office of Legacy Management
µg/L	micrograms per liter
MSPCS	Mound Site Plume Collection System
N	nitrogen
OLF	Original Landfill
PAH	polycyclic aromatic hydrocarbon
pCi/L	picocuries per liter
PLF	Present Landfill
PLFTS	Present Landfill Treatment System
POC	Point of Compliance
POE	Point of Evaluation
Pu	plutonium
RCRA	Resource Conservation and Recovery Act
RFLMA	*Rocky Flats Legacy Management Agreement*
RFSOG	Rocky Flats Site Operations Guide
SPPTS	Solar Ponds Plume Treatment System
VOC	volatile organic compound

Executive Summary

This report for the third quarter (July 1–September 30) of calendar year (CY) 2022 includes information on the remedy-related surveillance, monitoring, and maintenance activities conducted at the Rocky Flats Site, Colorado, managed by the U.S. Department of Energy Office of Legacy Management. This report summarizes the maintenance and inspection of the two closed Site landfills and four groundwater collection or treatment systems, the inspection of the perimeter signs of the Central Operable Unit, erosion control and revegetation activities, and water and ecological monitoring.

The Present Landfill quarterly inspection for the third quarter of CY 2022 was combined with a weather-related inspection on August 18, 2022, after the Site received greater than 1 inch of precipitation in a 24-hour period. No issues were identified during this inspection.

The Original Landfill monthly inspections for the third quarter were conducted on July 22, August 18, and September 19, 2022. The August inspection was combined with a weather-related inspection after the Site received greater than 1 inch of precipitation in a 24-hour period. No issues were observed during these inspections.

Routine maintenance was performed at the Mound Site Plume Collection System, the East Trenches Plume Treatment System, the Solar Ponds Plume Treatment System (SPPTS), and the Present Landfill Treatment System during the third quarter. In addition, the solar/battery power facility at the SPPTS was replaced and upgraded this quarter.

Water monitoring met the targeted monitoring objectives required by the *Rocky Flats Legacy Management Agreement* (RFLMA). During the quarter, 6 flow-paced, composite surface water samples; 2 surface water grab samples; 14 treatment system grab samples; and 11 groundwater samples were collected in accordance with RFLMA-required protocols and were submitted for laboratory analysis.

Although no flow has occurred at Point of Evaluation (POE) SW027 in 2022, and accordingly no samples have been collected, the 12-month rolling average plutonium concentrations for May 31 and June 30, 2022, cause a reportable condition. These average plutonium concentration values include only a single sample collected the previous year, from May 20 to July 2, 2021. This 2022 reportable condition is essentially a continuation of the 2021 reportable condition, since both were caused by data collected in 2021. The 2021 sample results and corresponding reportable condition are addressed in Contact Record 2021-03.

As of July 31, 2022, no flow has occurred at SW027 for more than 12 months, and no flow or analytical data are available. Therefore, with the absence of average values after July 31, 2022, plutonium is no longer reportable at SW027. Regardless, response actions associated with Contact Record 2021-03 have been implemented or are ongoing.

Although no recent validated sample results have been received for POE GS10 (the most recent results are from the composite sample for the period from May 24 to June 7, 2022), routine data evaluation in August 2022 indicated that the 12-month rolling average for uranium will trigger a reportable condition for August 31, 2022.

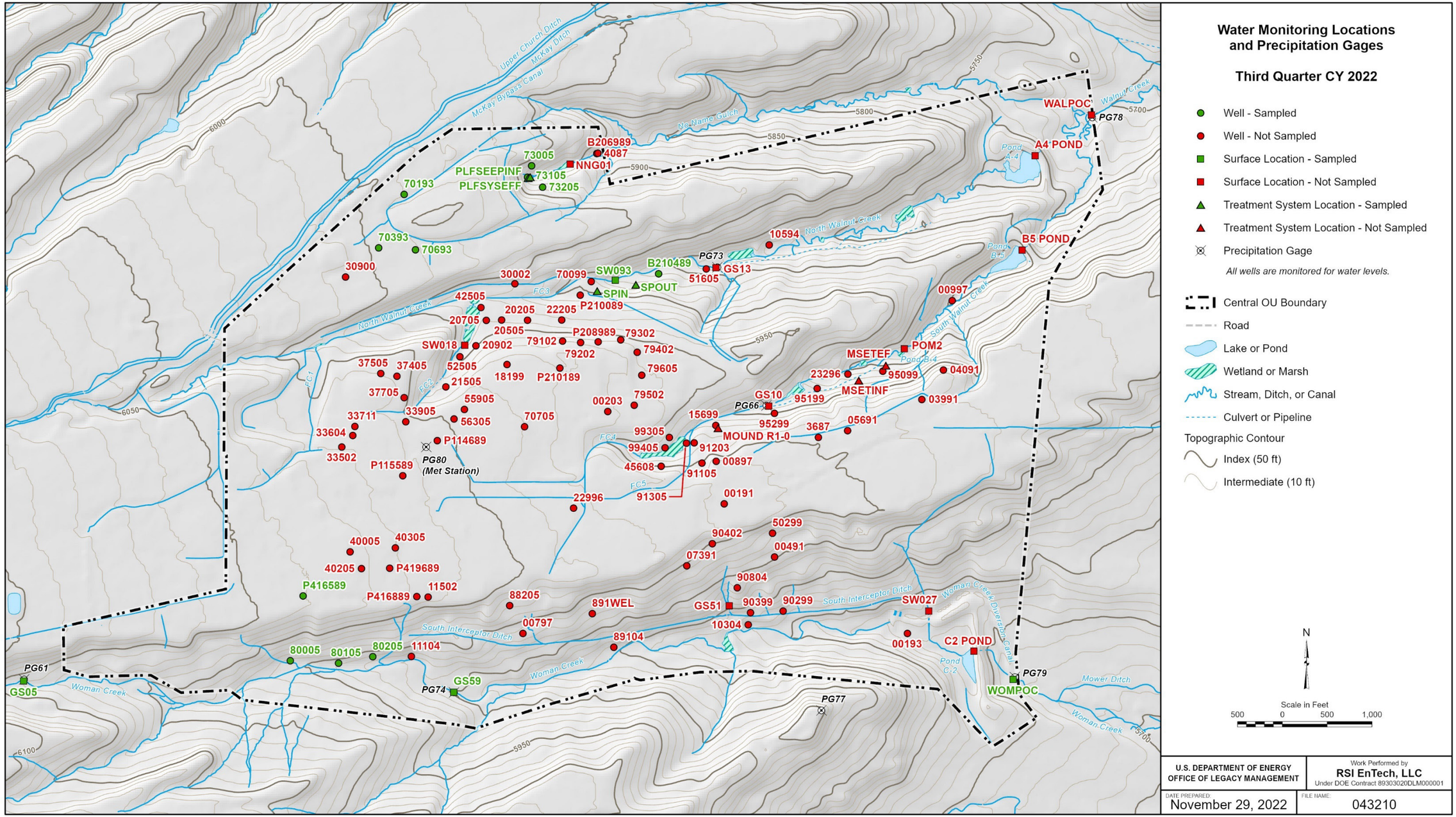
Using the available data,[1] all other analyte concentrations at POE locations GS10, SW027, and SW093 remained below reportable condition levels during the third quarter of CY 2022.

All analyte concentrations at Points of Compliance WALPOC and WOMPOC also remained below reportable condition levels during the third quarter of CY 2022.

RFLMA-required groundwater monitoring during the third quarter of CY 2022 was conducted at the 10 Resource Conservation and Recovery Act wells monitoring the two closed landfills. Results were generally consistent with previous data. Groundwater monitoring data presented in this quarterly report will be evaluated as part of the annual report for CY 2022.

Ecological monitoring consisted of Preble's meadow jumping mouse mitigation monitoring, wetland mitigation monitoring, and revegetation monitoring. Other ecological tasks conducted during the third quarter included weed mapping, wetland and vegetation mapping, prairie dog surveys, shrub and tree survival counts, forb nursery monitoring, photopoint monitoring, and weed management.

[1] The composite sample from POE GS10 started on June 7, 2022, was still in progress as of November 30, 2022. The composite sample from POE SW093 started on August 4, 2022, also was still in progress as of November 30, 2022.



Abbreviations: ft = feet, OU = Operable Unit

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

Appendix B
Analytical Results for Water Samples-Third Quarter CY 2022
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	7/27/2022	RFS01-10.2207049-033	71-55-6	1,1,1-Trichloroethane	N	0.39	ug/L	U	F	0.39		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	120-82-1	1,2,4-Trichlorobenzene	N	0.58	ug/L	U	F	0.58		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	95-50-1	1,2-Dichlorobenzene	N	0.37	ug/L	U	F	0.37		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	107-06-2	1,2-Dichloroethane	N	0.54	ug/L	U	F	0.54		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	78-87-5	1,2-Dichloropropane	N	0.52	ug/L	U	F	0.52		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	541-73-1	1,3-Dichlorobenzene	N	0.33	ug/L	U	F	0.33		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	106-46-7	1,4-Dichlorobenzene	N	0.39	ug/L	U	F	0.39		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	7440-38-2	Arsenic	Y	0.33	ug/L	U	F	0.33		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	71-43-2	Benzene	N	0.31	ug/L	U	F	0.31		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	7440-41-7	Beryllium	Y	0.08	ug/L	U	F	0.08		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	7440-42-8	Boron	Y	18	ug/L	J	F	1.5		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	75-25-2	Bromoform	N	1.2	ug/L	U	F	1.2		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	56-23-5	Carbon tetrachloride	N	0.57	ug/L	U	F	0.57		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	108-90-7	Chlorobenzene	N	0.42	ug/L	U	F	0.42		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	67-66-3	Chloroform	N	0.36	ug/L	U	F	0.36		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	74-87-3	Chloromethane	N	0.75	ug/L	U	F	0.75		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	7440-47-3	Chromium	Y	0.5	ug/L	U	F	0.5		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	156-59-2	cis-1,2-Dichloroethene	N	0.32	ug/L	U	F	0.32		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	7440-50-8	Copper	Y	0.56	ug/L	U	F	0.56		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	100-41-4	Ethylbenzene	N	0.3	ug/L	U	F	0.3		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	87-68-3	Hexachlorobutadiene	N	1.2	ug/L	U	F	1.2		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	7439-97-6	Mercury	Y	0.061	ug/L	U	F	0.061		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	91-20-3	Naphthalene	N	0.63	ug/L	U	F	0.63		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	7440-02-0	Nickel	Y	0.3	ug/L	U	F	0.3		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	7782-49-2	Selenium	Y	5.5	ug/L		F	0.37		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	7440-22-4	Silver	Y	0.033	ug/L	U	F	0.033		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	127-18-4	Tetrachloroethene	N	0.4	ug/L	U	F	0.4		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	108-88-3	Toluene	N	0.32	ug/L	U	F	0.32		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	1330-20-7	Total Xylenes	N	0.33	ug/L	U	F	0.33		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	156-60-5	trans-1,2-Dichloroethene	N	0.37	ug/L	U	F	0.37		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	79-01-6	Trichloroethene	N	0.3	ug/L	U	F	0.3		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	7440-61-1	Uranium	Y	0.089	ug/L	J	F	0.05		FQU	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	75-01-4	Vinyl chloride	N	0.51	ug/L	U	F	0.51		FQ	G	STD
70193	WL	7/27/2022	RFS01-10.2207049-033	7440-66-6	Zinc	Y	2	ug/L	U	F	2		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	71-55-6	1,1,1-Trichloroethane	N	0.39	ug/L	U	D	0.39		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	71-55-6	1,1,1-Trichloroethane	N	0.39	ug/L	U	F	0.39		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	D	0.21		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	D	0.27		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	75-35-4	1,1-Dichloroethene	N	1.5	ug/L		D	0.23		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	75-35-4	1,1-Dichloroethene	N	1.4	ug/L		F	0.23		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	120-82-1	1,2,4-Trichlorobenzene	N	0.58	ug/L	U	D	0.58		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	120-82-1	1,2,4-Trichlorobenzene	N	0.58	ug/L	U	F	0.58		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	95-50-1	1,2-Dichlorobenzene	N	0.37	ug/L	U	D	0.37		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	95-50-1	1,2-Dichlorobenzene	N	0.37	ug/L	U	F	0.37		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	107-06-2	1,2-Dichloroethane	N	0.54	ug/L	U	D	0.54		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	107-06-2	1,2-Dichloroethane	N	0.54	ug/L	U	F	0.54		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	78-87-5	1,2-Dichloropropane	N	0.52	ug/L	U	D	0.52		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	78-87-5	1,2-Dichloropropane	N	0.52	ug/L	U	F	0.52		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	541-73-1	1,3-Dichlorobenzene	N	0.33	ug/L	U	D	0.33		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	541-73-1	1,3-Dichlorobenzene	N	0.33	ug/L	U	F	0.33		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	106-46-7	1,4-Dichlorobenzene	N	0.39	ug/L	U	D	0.39		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	106-46-7	1,4-Dichlorobenzene	N	0.39	ug/L	U	F	0.39		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	7440-38-2	Arsenic	Y	0.33	ug/L	U	D	0.33		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	7440-38-2	Arsenic	Y	0.33	ug/L	U	F	0.33		FQ	G	STD

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
70393	WL	7/27/2022	RFS01-10.2207049-019	71-43-2	Benzene	N	0.31	ug/L	U	D	0.31		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	71-43-2	Benzene	N	0.31	ug/L	U	F	0.31		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	7440-41-7	Beryllium	Y	0.08	ug/L	U	D	0.08		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	7440-41-7	Beryllium	Y	0.08	ug/L	U	F	0.08		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	7440-42-8	Boron	Y	4	ug/L	J	D	1.5		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	7440-42-8	Boron	Y	5.2	ug/L	J	F	1.5		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	75-25-2	Bromoform	N	1.2	ug/L	U	D	1.2		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	75-25-2	Bromoform	N	1.2	ug/L	U	F	1.2		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	7440-43-9	Cadmium	Y	0.27	ug/L	U	D	0.27		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	56-23-5	Carbon tetrachloride	N	0.57	ug/L	U	D	0.57		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	56-23-5	Carbon tetrachloride	N	0.57	ug/L	U	F	0.57		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	108-90-7	Chlorobenzene	N	0.42	ug/L	U	D	0.42		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	108-90-7	Chlorobenzene	N	0.42	ug/L	U	F	0.42		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	67-66-3	Chloroform	N	0.36	ug/L	U	D	0.36		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	67-66-3	Chloroform	N	0.36	ug/L	U	F	0.36		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	74-87-3	Chloromethane	N	0.75	ug/L	U	D	0.75		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	74-87-3	Chloromethane	N	0.75	ug/L	U	F	0.75		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	7440-47-3	Chromium	Y	0.5	ug/L	U	D	0.5		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	7440-47-3	Chromium	Y	0.5	ug/L	U	F	0.5		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	156-59-2	cis-1,2-Dichloroethene	N	0.32	ug/L	U	D	0.32		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	156-59-2	cis-1,2-Dichloroethene	N	0.32	ug/L	U	F	0.32		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	7440-50-8	Copper	Y	0.56	ug/L	U	D	0.56		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	7440-50-8	Copper	Y	0.61	ug/L	J	F	0.56		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	100-41-4	Ethylbenzene	N	0.3	ug/L	U	D	0.3		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	100-41-4	Ethylbenzene	N	0.3	ug/L	U	F	0.3		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	87-68-3	Hexachlorobutadiene	N	1.2	ug/L	U	D	1.2		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	87-68-3	Hexachlorobutadiene	N	1.2	ug/L	U	F	1.2		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	7439-92-1	Lead	Y	0.18	ug/L	U	D	0.18		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	7439-92-1	Lead	Y	0.32	ug/L	J	F	0.18		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	7439-97-6	Mercury	Y	0.061	ug/L	U	D	0.061		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	7439-97-6	Mercury	Y	0.061	ug/L	U	F	0.061		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	75-09-2	Methylene chloride	N	0.94	ug/L	U	D	0.94		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	91-20-3	Naphthalene	N	0.63	ug/L	U	D	0.63		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	91-20-3	Naphthalene	N	0.63	ug/L	U	F	0.63		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	7440-02-0	Nickel	Y	0.89	ug/L	J	D	0.3		FQU	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	7440-02-0	Nickel	Y	0.72	ug/L	J	F	0.3		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	7782-49-2	Selenium	Y	1.1	ug/L	J	D	0.37		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	7782-49-2	Selenium	Y	1.2	ug/L	J	F	0.37		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	7440-22-4	Silver	Y	0.033	ug/L	U	D	0.033		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	7440-22-4	Silver	Y	0.033	ug/L	U	F	0.033		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	100-42-5	Styrene	N	0.36	ug/L	U	D	0.36		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	127-18-4	Tetrachloroethene	N	0.99	ug/L	J	D	0.4		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	127-18-4	Tetrachloroethene	N	1.1	ug/L		F	0.4		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	108-88-3	Toluene	N	0.32	ug/L	U	D	0.32		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	108-88-3	Toluene	N	0.32	ug/L	U	F	0.32		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	1330-20-7	Total Xylenes	N	0.33	ug/L	U	D	0.33		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	1330-20-7	Total Xylenes	N	0.33	ug/L	U	F	0.33		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	156-60-5	trans-1,2-Dichloroethene	N	0.37	ug/L	U	D	0.37		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	156-60-5	trans-1,2-Dichloroethene	N	0.37	ug/L	U	F	0.37		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	79-01-6	Trichloroethene	N	6.1	ug/L		D	0.3		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	79-01-6	Trichloroethene	N	6.3	ug/L		F	0.3		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	7440-61-1	Uranium	Y	0.05	ug/L	U	D	0.05		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	7440-61-1	Uranium	Y	0.05	ug/L	U	F	0.05		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	75-01-4	Vinyl chloride	N	0.51	ug/L	U	D	0.51		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	75-01-4	Vinyl chloride	N	0.51	ug/L	U	F	0.51		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-019	7440-66-6	Zinc	Y	2	ug/L	U	D	2		FQ	G	STD
70393	WL	7/27/2022	RFS01-10.2207049-034	7440-66-6	Zinc	Y	2	ug/L	U	F	2		FQ	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	71-55-6	1,1,1-Trichloroethane	N	0.39	ug/L	U	F	0.39		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		F	G	STD

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	7/27/2022	RFS01-10.2207049-035	75-35-4	1,1-Dichloroethene	N	0.93	ug/L	J	F	0.23		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	120-82-1	1,2,4-Trichlorobenzene	N	0.58	ug/L	U	F	0.58		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	95-50-1	1,2-Dichlorobenzene	N	0.37	ug/L	U	F	0.37		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	107-06-2	1,2-Dichloroethane	N	0.54	ug/L	U	F	0.54		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	78-87-5	1,2-Dichloropropane	N	0.52	ug/L	U	F	0.52		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	541-73-1	1,3-Dichlorobenzene	N	0.33	ug/L	U	F	0.33		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	106-46-7	1,4-Dichlorobenzene	N	0.39	ug/L	U	F	0.39		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	7440-38-2	Arsenic	Y	0.33	ug/L	U	F	0.33		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	71-43-2	Benzene	N	0.31	ug/L	U	F	0.31		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	7440-41-7	Beryllium	Y	0.08	ug/L	U	F	0.08		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	7440-42-8	Boron	Y	23	ug/L	J	F	1.5		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	75-25-2	Bromoform	N	1.2	ug/L	U	F	1.2		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	56-23-5	Carbon tetrachloride	N	0.57	ug/L	U	F	0.57		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	108-90-7	Chlorobenzene	N	0.42	ug/L	U	F	0.42		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	67-66-3	Chloroform	N	0.36	ug/L	U	F	0.36		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	74-87-3	Chloromethane	N	0.75	ug/L	U	F	0.75		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	7440-47-3	Chromium	Y	0.5	ug/L	U	F	0.5		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	156-59-2	cis-1,2-Dichloroethene	N	0.32	ug/L	U	F	0.32		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	7440-50-8	Copper	Y	0.56	ug/L	U	F	0.56		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	100-41-4	Ethylbenzene	N	0.3	ug/L	U	F	0.3		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	87-68-3	Hexachlorobutadiene	N	1.2	ug/L	U	F	1.2		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	7439-97-6	Mercury	Y	0.061	ug/L	U	F	0.061		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	91-20-3	Naphthalene	N	0.63	ug/L	U	F	0.63		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	7440-02-0	Nickel	Y	0.41	ug/L	J	F	0.3		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	7782-49-2	Selenium	Y	1	ug/L	J	F	0.37		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	7440-22-4	Silver	Y	0.033	ug/L	U	F	0.033		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	127-18-4	Tetrachloroethene	N	0.57	ug/L	J	F	0.4		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	108-88-3	Toluene	N	0.32	ug/L	U	F	0.32		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	1330-20-7	Total Xylenes	N	0.33	ug/L	U	F	0.33		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	156-60-5	trans-1,2-Dichloroethene	N	0.37	ug/L	U	F	0.37		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	79-01-6	Trichloroethene	N	2.2	ug/L		F	0.3		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	7440-61-1	Uranium	Y	0.05	ug/L	U	F	0.05		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	75-01-4	Vinyl chloride	N	0.51	ug/L	U	F	0.51		F	G	STD
70693	WL	7/27/2022	RFS01-10.2207049-035	7440-66-6	Zinc	Y	2	ug/L	U	F	2		F	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	71-55-6	1,1,1-Trichloroethane	N	0.39	ug/L	U	F	0.39		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	120-82-1	1,2,4-Trichlorobenzene	N	0.58	ug/L	U	F	0.58		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	95-50-1	1,2-Dichlorobenzene	N	0.37	ug/L	U	F	0.37		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	107-06-2	1,2-Dichloroethane	N	0.54	ug/L	U	F	0.54		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	78-87-5	1,2-Dichloropropane	N	0.52	ug/L	U	F	0.52		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	541-73-1	1,3-Dichlorobenzene	N	0.33	ug/L	U	F	0.33		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	106-46-7	1,4-Dichlorobenzene	N	0.39	ug/L	U	F	0.39		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	7440-38-2	Arsenic	Y	0.33	ug/L	U	F	0.33		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	71-43-2	Benzene	N	0.31	ug/L	U	F	0.31		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	7440-41-7	Beryllium	Y	0.08	ug/L	U	F	0.08		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	7440-42-8	Boron	Y	33	ug/L		F	1.5		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	75-25-2	Bromoform	N	1.2	ug/L	U	F	1.2		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	56-23-5	Carbon tetrachloride	N	0.57	ug/L	U	F	0.57		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	108-90-7	Chlorobenzene	N	0.42	ug/L	U	F	0.42		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	67-66-3	Chloroform	N	0.36	ug/L	U	F	0.36		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	74-87-3	Chloromethane	N	0.75	ug/L	U	F	0.75		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	7440-47-3	Chromium	Y	5.8	ug/L		F	0.5		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	156-59-2	cis-1,2-Dichloroethene	N	0.32	ug/L	U	F	0.32		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	7440-50-8	Copper	Y	1	ug/L	J	F	0.56		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	100-41-4	Ethylbenzene	N	0.3	ug/L	U	F	0.3		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	87-68-3	Hexachlorobutadiene	N	1.2	ug/L	U	F	1.2		FQ	G	STD

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	7/28/2022	RFS01-10.2207049-036	7439-92-1	Lead	Y	0.19	ug/L	J	F	0.18		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	7439-97-6	Mercury	Y	0.061	ug/L	U	F	0.061		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	91-20-3	Naphthalene	N	0.63	ug/L	U	F	0.63		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	7440-02-0	Nickel	Y	1.9	ug/L	J	F	0.3		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	7782-49-2	Selenium	Y	7.8	ug/L		F	0.37		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	7440-22-4	Silver	Y	0.033	ug/L	U	F	0.033		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	127-18-4	Tetrachloroethene	N	0.4	ug/L	U	F	0.4		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	108-88-3	Toluene	N	0.32	ug/L	U	F	0.32		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	1330-20-7	Total Xylenes	N	0.33	ug/L	U	F	0.33		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	156-60-5	trans-1,2-Dichloroethene	N	0.37	ug/L	U	F	0.37		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	79-01-6	Trichloroethene	N	0.3	ug/L	U	F	0.3		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	7440-61-1	Uranium	Y	41	ug/L		F	0.05		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	75-01-4	Vinyl chloride	N	0.51	ug/L	U	F	0.51		FQ	G	STD
73005	WL	7/28/2022	RFS01-10.2207049-036	7440-66-6	Zinc	Y	4.2	ug/L	J	F	2		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	71-55-6	1,1,1-Trichloroethane	N	0.39	ug/L	U	F	0.39		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	120-82-1	1,2,4-Trichlorobenzene	N	0.58	ug/L	U	F	0.58		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	95-50-1	1,2-Dichlorobenzene	N	0.37	ug/L	U	F	0.37		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	107-06-2	1,2-Dichloroethane	N	0.54	ug/L	U	F	0.54		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	78-87-5	1,2-Dichloropropane	N	0.52	ug/L	U	F	0.52		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	541-73-1	1,3-Dichlorobenzene	N	0.33	ug/L	U	F	0.33		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	106-46-7	1,4-Dichlorobenzene	N	0.39	ug/L	U	F	0.39		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	7440-38-2	Arsenic	Y	0.33	ug/L	U	F	0.33		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	71-43-2	Benzene	N	0.31	ug/L	U	F	0.31		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	7440-41-7	Beryllium	Y	0.08	ug/L	U	F	0.08		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	7440-42-8	Boron	Y	120	ug/L		F	1.5		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	75-25-2	Bromoform	N	1.2	ug/L	U	F	1.2		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	56-23-5	Carbon tetrachloride	N	0.57	ug/L	U	F	0.57		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	108-90-7	Chlorobenzene	N	0.42	ug/L	U	F	0.42		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	67-66-3	Chloroform	N	0.36	ug/L	U	F	0.36		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	74-87-3	Chloromethane	N	0.75	ug/L	U	F	0.75		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	7440-47-3	Chromium	Y	0.5	ug/L	U	F	0.5		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	156-59-2	cis-1,2-Dichloroethene	N	0.32	ug/L	U	F	0.32		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	7440-50-8	Copper	Y	6.8	ug/L		F	0.56		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	100-41-4	Ethylbenzene	N	0.3	ug/L	U	F	0.3		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	87-68-3	Hexachlorobutadiene	N	1.2	ug/L	U	F	1.2		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	7439-97-6	Mercury	Y	0.061	ug/L	U	F	0.061		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	91-20-3	Naphthalene	N	0.63	ug/L	U	F	0.63		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	7440-02-0	Nickel	Y	4.4	ug/L		F	0.3		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	7782-49-2	Selenium	Y	0.37	ug/L	U	F	0.37		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	7440-22-4	Silver	Y	0.033	ug/L	U	F	0.033		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	127-18-4	Tetrachloroethene	N	0.4	ug/L	U	F	0.4		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	108-88-3	Toluene	N	0.32	ug/L	U	F	0.32		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	1330-20-7	Total Xylenes	N	0.33	ug/L	U	F	0.33		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	156-60-5	trans-1,2-Dichloroethene	N	0.37	ug/L	U	F	0.37		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	79-01-6	Trichloroethene	N	0.3	ug/L	U	F	0.3		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	7440-61-1	Uranium	Y	20	ug/L		F	0.05		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	75-01-4	Vinyl chloride	N	0.51	ug/L	U	F	0.51		FQ	G	STD
73105	WL	7/28/2022	RFS01-10.2207049-037	7440-66-6	Zinc	Y	4.1	ug/L	J	F	2		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	71-55-6	1,1,1-Trichloroethane	N	0.39	ug/L	U	F	0.39		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	120-82-1	1,2,4-Trichlorobenzene	N	0.58	ug/L	U	F	0.58		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	95-50-1	1,2-Dichlorobenzene	N	0.37	ug/L	U	F	0.37		FQ	G	STD

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
73205	WL	7/28/2022	RFS01-10.2207049-038	107-06-2	1,2-Dichloroethane	N	0.54	ug/L	U	F	0.54		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	78-87-5	1,2-Dichloropropane	N	0.52	ug/L	U	F	0.52		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	541-73-1	1,3-Dichlorobenzene	N	0.33	ug/L	U	F	0.33		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	106-46-7	1,4-Dichlorobenzene	N	0.39	ug/L	U	F	0.39		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	7440-38-2	Arsenic	Y	0.62	ug/L	J	F	0.33		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	71-43-2	Benzene	N	0.31	ug/L	U	F	0.31		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	7440-41-7	Beryllium	Y	0.08	ug/L	U	F	0.08		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	7440-42-8	Boron	Y	66	ug/L		F	1.5		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	75-25-2	Bromoform	N	1.2	ug/L	U	F	1.2		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	56-23-5	Carbon tetrachloride	N	0.57	ug/L	U	F	0.57		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	108-90-7	Chlorobenzene	N	0.42	ug/L	U	F	0.42		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	67-66-3	Chloroform	N	0.36	ug/L	U	F	0.36		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	74-87-3	Chloromethane	N	0.75	ug/L	U	F	0.75		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	7440-47-3	Chromium	Y	0.5	ug/L	U	F	0.5		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	156-59-2	cis-1,2-Dichloroethene	N	0.32	ug/L	U	F	0.32		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	7440-50-8	Copper	Y	1.2	ug/L	J	F	0.56		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	100-41-4	Ethylbenzene	N	0.3	ug/L	U	F	0.3		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	87-68-3	Hexachlorobutadiene	N	1.2	ug/L	U	F	1.2		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	7439-97-6	Mercury	Y	0.061	ug/L	U	F	0.061		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	91-20-3	Naphthalene	N	0.63	ug/L	U	F	0.63		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	7440-02-0	Nickel	Y	2.3	ug/L		F	0.3		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	7782-49-2	Selenium	Y	240	ug/L		F	0.37		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	7440-22-4	Silver	Y	0.033	ug/L	U	F	0.033		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	127-18-4	Tetrachloroethene	N	0.4	ug/L	U	F	0.4		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	108-88-3	Toluene	N	0.32	ug/L	U	F	0.32		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	1330-20-7	Total Xylenes	N	0.33	ug/L	U	F	0.33		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	156-60-5	trans-1,2-Dichloroethene	N	0.37	ug/L	U	F	0.37		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	79-01-6	Trichloroethene	N	0.3	ug/L	U	F	0.3		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	7440-61-1	Uranium	Y	130	ug/L		F	0.05		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	75-01-4	Vinyl chloride	N	0.51	ug/L	U	F	0.51		FQ	G	STD
73205	WL	7/28/2022	RFS01-10.2207049-038	7440-66-6	Zinc	Y	3.2	ug/L	J	F	2		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	71-55-6	1,1,1-Trichloroethane	N	0.39	ug/L	U	D	0.39		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	71-55-6	1,1,1-Trichloroethane	N	0.39	ug/L	U	F	0.39		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	D	0.21		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	D	0.27		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	D	0.23		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	120-82-1	1,2,4-Trichlorobenzene	N	0.58	ug/L	U	D	0.58		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	120-82-1	1,2,4-Trichlorobenzene	N	0.58	ug/L	U	F	0.58		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	95-50-1	1,2-Dichlorobenzene	N	0.22	ug/L	U	D	0.22		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	95-50-1	1,2-Dichlorobenzene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	107-06-2	1,2-Dichloroethane	N	0.54	ug/L	U	D	0.54		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	107-06-2	1,2-Dichloroethane	N	0.54	ug/L	U	F	0.54		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	78-87-5	1,2-Dichloropropane	N	0.52	ug/L	U	D	0.52		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	78-87-5	1,2-Dichloropropane	N	0.52	ug/L	U	F	0.52		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	541-73-1	1,3-Dichlorobenzene	N	0.29	ug/L	U	D	0.29		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	541-73-1	1,3-Dichlorobenzene	N	0.29	ug/L	U	F	0.29		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	106-46-7	1,4-Dichlorobenzene	N	0.39	ug/L	U	D	0.39		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	106-46-7	1,4-Dichlorobenzene	N	0.39	ug/L	U	F	0.39		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	91-58-7	2-Chloronaphthalene	N	0.51	ug/L	U	D	0.51		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	91-58-7	2-Chloronaphthalene	N	0.51	ug/L	U	F	0.51		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-017	83-32-9	Acenaphthene	N	0.01	ug/L	U	D	0.01		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-040	83-32-9	Acenaphthene	N	0.01	ug/L	U	F	0.01		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-017	120-12-7	Anthracene	N	0.014	ug/L	U	D	0.014		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-040	120-12-7	Anthracene	N	0.013	ug/L	U	F	0.013		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	7440-38-2	Arsenic	Y	0.35	ug/L	J	D	0.33		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	7440-38-2	Arsenic	Y	0.33	ug/L	U	F	0.33		FQ	G	STD

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	7/26/2022	RFS01-10.2207049-016	71-43-2	Benzene	N	0.31	ug/L	U	D	0.31		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	71-43-2	Benzene	N	0.31	ug/L	U	F	0.31		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-017	50-32-8	Benzo(a)pyrene	N	0.0049	ug/L	U	D	0.0049		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-040	50-32-8	Benzo(a)pyrene	N	0.0049	ug/L	U	F	0.0049		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-017	191-24-2	Benzo(g,h,i)Perylene	N	0.0078	ug/L	U *	D	0.0078		FJQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-040	191-24-2	Benzo(g,h,i)Perylene	N	0.0077	ug/L	U *	F	0.0077		FJQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	7440-41-7	Beryllium	Y	0.17	ug/L	J	D	0.08		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	7440-41-7	Beryllium	Y	0.08	ug/L	U	F	0.08		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	108-60-1	Bis(2-chloroisopropyl) ether	N	0.27	ug/L	U	D	0.27		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	108-60-1	Bis(2-chloroisopropyl) ether	N	0.27	ug/L	U	F	0.27		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	117-81-7	Bis(2-ethylhexyl) phthalate	N	2.3	ug/L	U	D	2.3		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	117-81-7	Bis(2-ethylhexyl) phthalate	N	2.3	ug/L	U	F	2.3		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	7440-42-8	Boron	Y	34	ug/L		D	1.5		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	7440-42-8	Boron	Y	33	ug/L		F	1.5		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	75-25-2	Bromoform	N	1.2	ug/L	U	D	1.2		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	75-25-2	Bromoform	N	1.2	ug/L	U	F	1.2		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	7440-43-9	Cadmium	Y	0.27	ug/L	U	D	0.27		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	56-23-5	Carbon tetrachloride	N	0.57	ug/L	U	D	0.57		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	56-23-5	Carbon tetrachloride	N	0.57	ug/L	U	F	0.57		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	108-90-7	Chlorobenzene	N	0.42	ug/L	U	D	0.42		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	108-90-7	Chlorobenzene	N	0.42	ug/L	U	F	0.42		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	67-66-3	Chloroform	N	0.36	ug/L	U	D	0.36		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	67-66-3	Chloroform	N	0.36	ug/L	U	F	0.36		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	74-87-3	Chloromethane	N	0.75	ug/L	U	D	0.75		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	74-87-3	Chloromethane	N	0.75	ug/L	U	F	0.75		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	7440-47-3	Chromium	Y	0.5	ug/L	U	D	0.5		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	7440-47-3	Chromium	Y	0.5	ug/L	U	F	0.5		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-017	218-01-9	Chrysene	N	0.012	ug/L	U	D	0.012		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-040	218-01-9	Chrysene	N	0.012	ug/L	U	F	0.012		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	156-59-2	cis-1,2-Dichloroethene	N	0.32	ug/L	U	D	0.32		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	156-59-2	cis-1,2-Dichloroethene	N	0.32	ug/L	U	F	0.32		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	7440-50-8	Copper	Y	0.77	ug/L	J	D	0.56		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	7440-50-8	Copper	Y	0.56	ug/L	U	F	0.56		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-017	53-70-3	Dibenz(a,h)anthracene	N	0.0046	ug/L	U	D	0.0046		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-040	53-70-3	Dibenz(a,h)anthracene	N	0.0046	ug/L	U	F	0.0046		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	84-66-2	Diethyl phthalate	N	0.36	ug/L	U	D	0.36		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	84-66-2	Diethyl phthalate	N	0.36	ug/L	U	F	0.36		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	131-11-3	Dimethyl phthalate	N	0.2	ug/L	U	D	0.2		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	131-11-3	Dimethyl phthalate	N	0.2	ug/L	U	F	0.2		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	84-74-2	Di-n-butyl phthalate	N	1.1	ug/L	U	D	1.1		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	84-74-2	Di-n-butyl phthalate	N	1.1	ug/L	U	F	1.1		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	100-41-4	Ethylbenzene	N	0.3	ug/L	U	D	0.3		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	100-41-4	Ethylbenzene	N	0.3	ug/L	U	F	0.3		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-017	206-44-0	Fluoranthene	N	0.033	ug/L	U	D	0.033		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-040	206-44-0	Fluoranthene	N	0.033	ug/L	U	F	0.033		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-017	86-73-7	Fluorene	N	0.018	ug/L	U	D	0.018		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-040	86-73-7	Fluorene	N	0.018	ug/L	U	F	0.018		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	87-68-3	Hexachlorobutadiene	N	1.2	ug/L	U	D	1.2		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	87-68-3	Hexachlorobutadiene	N	1.2	ug/L	U	F	1.2		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	67-72-1	Hexachloroethane	N	0.94	ug/L	U	D	0.94		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	67-72-1	Hexachloroethane	N	0.94	ug/L	U	F	0.94		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	78-59-1	Isophorone	N	0.2	ug/L	U	D	0.2		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	78-59-1	Isophorone	N	0.2	ug/L	U	F	0.2		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	7439-92-1	Lead	Y	0.18	ug/L	U	D	0.18		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	7439-97-6	Mercury	Y	0.061	ug/L	U	D	0.061		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	7439-97-6	Mercury	Y	0.061	ug/L	U	F	0.061		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	75-09-2	Methylene chloride	N	0.94	ug/L	U	D	0.94		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-017	91-20-3	Naphthalene	N	0.0051	ug/L	U	D	0.0051		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-040	91-20-3	Naphthalene	N	0.0051	ug/L	U	F	0.0051		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	7440-02-0	Nickel	Y	0.76	ug/L	J	D	0.3		FQU	G	STD

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	7/26/2022	RFS01-10.2207049-039	7440-02-0	Nickel	Y	0.37	ug/L	J	F	0.3		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-017	129-00-0	Pyrene	N	0.0077	ug/L	U	D	0.0077		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-040	129-00-0	Pyrene	N	0.0077	ug/L	U	F	0.0077		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	7782-49-2	Selenium	Y	0.73	ug/L	J	D	0.37		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	7782-49-2	Selenium	Y	1.1	ug/L	J	F	0.37		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	7440-22-4	Silver	Y	0.15	ug/L	J	D	0.033		FQU	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	7440-22-4	Silver	Y	0.033	ug/L	U	F	0.033		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	100-42-5	Styrene	N	0.36	ug/L	U	D	0.36		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	127-18-4	Tetrachloroethene	N	0.4	ug/L	U	D	0.4		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	127-18-4	Tetrachloroethene	N	0.4	ug/L	U	F	0.4		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	108-88-3	Toluene	N	0.32	ug/L	U	D	0.32		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	108-88-3	Toluene	N	0.32	ug/L	U	F	0.32		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	1330-20-7	Total Xylenes	N	0.33	ug/L	U	D	0.33		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	1330-20-7	Total Xylenes	N	0.33	ug/L	U	F	0.33		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	156-60-5	trans-1,2-Dichloroethene	N	0.37	ug/L	U	D	0.37		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	156-60-5	trans-1,2-Dichloroethene	N	0.37	ug/L	U	F	0.37		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	79-01-6	Trichloroethene	N	0.3	ug/L	U	D	0.3		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	79-01-6	Trichloroethene	N	0.3	ug/L	U	F	0.3		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	7440-61-1	Uranium	Y	7.5	ug/L		D	0.05		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	7440-61-1	Uranium	Y	7.7	ug/L		F	0.05		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	75-01-4	Vinyl chloride	N	0.51	ug/L	U	D	0.51		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	75-01-4	Vinyl chloride	N	0.51	ug/L	U	F	0.51		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-016	7440-66-6	Zinc	Y	2.1	ug/L	J	D	2		FQ	G	STD
80005	WL	7/26/2022	RFS01-10.2207049-039	7440-66-6	Zinc	Y	2	ug/L	U	F	2		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	71-55-6	1,1,1-Trichloroethane	N	0.39	ug/L	U	F	0.39		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	120-82-1	1,2,4-Trichlorobenzene	N	0.58	ug/L	U	F	0.58		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	95-50-1	1,2-Dichlorobenzene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	107-06-2	1,2-Dichloroethane	N	0.54	ug/L	U	F	0.54		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	78-87-5	1,2-Dichloropropane	N	0.52	ug/L	U	F	0.52		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	541-73-1	1,3-Dichlorobenzene	N	0.29	ug/L	U	F	0.29		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	106-46-7	1,4-Dichlorobenzene	N	0.39	ug/L	U	F	0.39		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	91-58-7	2-Chloronaphthalene	N	0.51	ug/L	U	F	0.51		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-042	83-32-9	Acenaphthene	N	0.01	ug/L	U	F	0.01		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-042	120-12-7	Anthracene	N	0.013	ug/L	U	F	0.013		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	7440-38-2	Arsenic	Y	0.33	ug/L	U	F	0.33		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	71-43-2	Benzene	N	0.31	ug/L	U	F	0.31		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-042	50-32-8	Benzo(a)pyrene	N	0.0049	ug/L	U	F	0.0049		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-042	191-24-2	Benzo(g,h,i)Perylene	N	0.0077	ug/L	U *	F	0.0077		FJQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	7440-41-7	Beryllium	Y	0.08	ug/L	U	F	0.08		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	108-60-1	Bis(2-chloroisopropyl) ether	N	0.27	ug/L	U	F	0.27		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	117-81-7	Bis(2-ethylhexyl) phthalate	N	2.3	ug/L	U	F	2.3		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	7440-42-8	Boron	Y	140	ug/L		F	1.5		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	75-25-2	Bromoform	N	1.2	ug/L	U	F	1.2		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	56-23-5	Carbon tetrachloride	N	0.57	ug/L	U	F	0.57		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	108-90-7	Chlorobenzene	N	0.42	ug/L	U	F	0.42		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	67-66-3	Chloroform	N	0.36	ug/L	U	F	0.36		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	74-87-3	Chloromethane	N	0.75	ug/L	U	F	0.75		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	7440-47-3	Chromium	Y	0.5	ug/L	U	F	0.5		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-042	218-01-9	Chrysene	N	0.012	ug/L	U	F	0.012		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	156-59-2	cis-1,2-Dichloroethene	N	0.32	ug/L	U	F	0.32		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	7440-50-8	Copper	Y	0.56	ug/L	U	F	0.56		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-042	53-70-3	Dibenz(a,h)anthracene	N	0.0046	ug/L	U	F	0.0046		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	84-66-2	Diethyl phthalate	N	0.36	ug/L	U	F	0.36		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	131-11-3	Dimethyl phthalate	N	0.2	ug/L	U	F	0.2		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	84-74-2	Di-n-butyl phthalate	N	1.1	ug/L	U	F	1.1		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	100-41-4	Ethylbenzene	N	0.3	ug/L	U	F	0.3		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-042	206-44-0	Fluoranthene	N	0.033	ug/L	U	F	0.033		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-042	86-73-7	Fluorene	N	0.018	ug/L	U	F	0.018		FQ	G	STD

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80105	WL	7/27/2022	RFS01-10.2207049-041	87-68-3	Hexachlorobutadiene	N	1.2	ug/L	U	F	1.2		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	67-72-1	Hexachloroethane	N	0.94	ug/L	U	F	0.94		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	78-59-1	Isophorone	N	0.2	ug/L	U	F	0.2		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	7439-97-6	Mercury	Y	0.061	ug/L	U	F	0.061		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-042	91-20-3	Naphthalene	N	0.0051	ug/L	U	F	0.0051		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	7440-02-0	Nickel	Y	0.3	ug/L	U	F	0.3		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-042	129-00-0	Pyrene	N	0.0077	ug/L	U	F	0.0077		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	7782-49-2	Selenium	Y	0.37	ug/L	U	F	0.37		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	7440-22-4	Silver	Y	0.033	ug/L	U	F	0.033		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	127-18-4	Tetrachloroethene	N	0.4	ug/L	U	F	0.4		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	108-88-3	Toluene	N	0.32	ug/L	U	F	0.32		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	1330-20-7	Total Xylenes	N	0.33	ug/L	U	F	0.33		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	156-60-5	trans-1,2-Dichloroethene	N	0.37	ug/L	U	F	0.37		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	79-01-6	Trichloroethene	N	0.3	ug/L	U	F	0.3		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	7440-61-1	Uranium	Y	11	ug/L		F	0.05		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	75-01-4	Vinyl chloride	N	0.51	ug/L	U	F	0.51		FQ	G	STD
80105	WL	7/27/2022	RFS01-10.2207049-041	7440-66-6	Zinc	Y	2	ug/L	U	F	2		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	71-55-6	1,1,1-Trichloroethane	N	0.39	ug/L	U	F	0.39		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	120-82-1	1,2,4-Trichlorobenzene	N	0.58	ug/L	U	F	0.58		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	95-50-1	1,2-Dichlorobenzene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	107-06-2	1,2-Dichloroethane	N	0.54	ug/L	U	F	0.54		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	78-87-5	1,2-Dichloropropane	N	0.52	ug/L	U	F	0.52		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	541-73-1	1,3-Dichlorobenzene	N	0.29	ug/L	U	F	0.29		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	106-46-7	1,4-Dichlorobenzene	N	0.39	ug/L	U	F	0.39		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	91-58-7	2-Chloronaphthalene	N	0.51	ug/L	U	F	0.51		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-044	83-32-9	Acenaphthene	N	0.01	ug/L	U	F	0.01		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-044	120-12-7	Anthracene	N	0.013	ug/L	U	F	0.013		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	7440-38-2	Arsenic	Y	0.33	ug/L	U	F	0.33		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	71-43-2	Benzene	N	0.31	ug/L	U	F	0.31		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-044	50-32-8	Benzo(a)pyrene	N	0.0049	ug/L	U	F	0.0049		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-044	191-24-2	Benzo(g,h,i)Perylene	N	0.0077	ug/L	U *	F	0.0077		FJQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	7440-41-7	Beryllium	Y	0.08	ug/L	U	F	0.08		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	108-60-1	Bis(2-chloroisopropyl) ether	N	0.27	ug/L	U	F	0.27		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	117-81-7	Bis(2-ethylhexyl) phthalate	N	2.3	ug/L	U	F	2.3		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	7440-42-8	Boron	Y	65	ug/L	B	F	1.5		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	75-25-2	Bromoform	N	1.2	ug/L	U	F	1.2		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	56-23-5	Carbon tetrachloride	N	0.57	ug/L	U	F	0.57		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	108-90-7	Chlorobenzene	N	0.42	ug/L	U	F	0.42		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	67-66-3	Chloroform	N	0.36	ug/L	U	F	0.36		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	74-87-3	Chloromethane	N	0.75	ug/L	U	F	0.75		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	7440-47-3	Chromium	Y	0.5	ug/L	U	F	0.5		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-044	218-01-9	Chrysene	N	0.012	ug/L	U	F	0.012		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	156-59-2	cis-1,2-Dichloroethene	N	0.32	ug/L	U	F	0.32		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	7440-50-8	Copper	Y	0.56	ug/L	U	F	0.56		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-044	53-70-3	Dibenz(a,h)anthracene	N	0.0046	ug/L	U	F	0.0046		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	84-66-2	Diethyl phthalate	N	0.36	ug/L	U	F	0.36		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	131-11-3	Dimethyl phthalate	N	0.2	ug/L	U	F	0.2		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	84-74-2	Di-n-butyl phthalate	N	1.1	ug/L	U	F	1.1		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	100-41-4	Ethylbenzene	N	0.3	ug/L	U	F	0.3		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-044	206-44-0	Fluoranthene	N	0.033	ug/L	U	F	0.033		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-044	86-73-7	Fluorene	N	0.018	ug/L	U	F	0.018		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	87-68-3	Hexachlorobutadiene	N	1.2	ug/L	U	F	1.2		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	67-72-1	Hexachloroethane	N	0.94	ug/L	U	F	0.94		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	78-59-1	Isophorone	N	0.2	ug/L	U	F	0.2		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	7439-97-6	Mercury	Y	0.061	ug/L	U	F	0.061		FQ	G	STD

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	7/27/2022	RFS01-10.2207049-043	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-044	91-20-3	Naphthalene	N	0.0051	ug/L	U	F	0.0051		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	7440-02-0	Nickel	Y	2	ug/L		F	0.3		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-044	129-00-0	Pyrene	N	0.0077	ug/L	U	F	0.0077		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	7782-49-2	Selenium	Y	0.61	ug/L	J	F	0.37		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	7440-22-4	Silver	Y	0.034	ug/L	J	F	0.033		FQU	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	127-18-4	Tetrachloroethene	N	0.4	ug/L	U	F	0.4		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	108-88-3	Toluene	N	0.32	ug/L	U	F	0.32		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	1330-20-7	Total Xylenes	N	0.33	ug/L	U	F	0.33		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	156-60-5	trans-1,2-Dichloroethene	N	0.37	ug/L	U	F	0.37		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	79-01-6	Trichloroethene	N	0.3	ug/L	U	F	0.3		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	7440-61-1	Uranium	Y	32	ug/L		F	0.05		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	75-01-4	Vinyl chloride	N	0.51	ug/L	U	F	0.51		FQ	G	STD
80205	WL	7/27/2022	RFS01-10.2207049-043	7440-66-6	Zinc	Y	2.2	ug/L	J	F	2		FQ	G	STD
B210489	WL	8/2/2022	RFS01-10.2207050-002	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	500	mg/L		F	4.4		F	G	STD
B210489	WL	8/2/2022	RFS01-10.2207050-003	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	450	mg/L		D	4.4		F	G	STD
B210489	WL	8/2/2022	RFS01-10.2207050-002	7440-61-1	Uranium	Y	100	ug/L		F	0.05		F	G	STD
B210489	WL	8/2/2022	RFS01-10.2207050-003	7440-61-1	Uranium	Y	100	ug/L		D	0.05		F	G	STD
GS05	SL	6/7/2022	RFS01-02.2208041-002	7440-38-2	Arsenic	N	0.64	ug/L	J	F	0.33			C	STD
GS05	SL	6/7/2022	RFS01-02.2208041-002	7440-41-7	Beryllium	N	0.08	ug/L	U	F	0.08			C	STD
GS05	SL	6/7/2022	RFS01-02.2208041-002	7440-42-8	Boron	N	7.6	ug/L	J	F	1.5		U	C	STD
GS05	SL	6/7/2022	RFS01-02.2208041-003	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27			C	STD
GS05	SL	6/7/2022	RFS01-02.2208041-002	7440-47-3	Chromium	N	0.7	ug/L	J	F	0.5			C	STD
GS05	SL	6/7/2022	RFS01-02.2208041-003	7440-50-8	Copper	Y	0.56	ug/L	U	F	0.56			C	STD
GS05	SL	6/7/2022	RFS01-02.2208041-003	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18			C	STD
GS05	SL	6/7/2022	RFS01-02.2208041-003	7440-02-0	Nickel	Y	0.3	ug/L	U	F	0.3			C	STD
GS05	SL	6/7/2022	RFS01-02.2208041-002	7782-49-2	Selenium	N	0.37	ug/L	U	F	0.37			C	STD
GS05	SL	6/7/2022	RFS01-02.2208041-003	7440-22-4	Silver	Y	0.033	ug/L	U	F	0.033			C	STD
GS05	SL	6/7/2022	RFS01-02.2208041-002	7440-61-1	Uranium	N	0.29	ug/L		F	0.05		U	C	STD
GS05	SL	6/7/2022	RFS01-02.2208041-003	7440-66-6	Zinc	Y	2	ug/L	J	F	2			C	STD
GS05	SL	7/8/2022	RFS01-02.2207040-002	71-55-6	1,1,1-Trichloroethane	N	0.39	ug/L	U	F	0.39			G	STD
GS05	SL	7/8/2022	RFS01-02.2207040-002	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21			G	STD
GS05	SL	7/8/2022	RFS01-02.2207040-002	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27			G	STD
GS05	SL	7/8/2022	RFS01-02.2207040-002	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23			G	STD
GS05	SL	7/8/2022	RFS01-02.2207040-002	120-82-1	1,2,4-Trichlorobenzene	N	0.58	ug/L	U	F	0.58			G	STD
GS05	SL	7/8/2022	RFS01-02.2207040-002	95-50-1	1,2-Dichlorobenzene	N	0.37	ug/L	U	F	0.37			G	STD
GS05	SL	7/8/2022	RFS01-02.2207040-002	107-06-2	1,2-Dichloroethane	N	0.54	ug/L	U	F	0.54			G	STD
GS05	SL	7/8/2022	RFS01-02.2207040-002	78-87-5	1,2-Dichloropropane	N	0.52	ug/L	U	F	0.52			G	STD
GS05	SL	7/8/2022	RFS01-02.2207040-002	541-73-1	1,3-Dichlorobenzene	N	0.33	ug/L	U	F	0.33			G	STD
GS05	SL	7/8/2022	RFS01-02.2207040-002	106-46-7	1,4-Dichlorobenzene	N	0.39	ug/L	U	F	0.39			G	STD
GS05	SL	7/8/2022	RFS01-02.2207040-002	71-43-2	Benzene	N	0.31	ug/L	U	F	0.31			G	STD
GS05	SL	7/8/2022	RFS01-02.2207040-002	75-25-2	Bromoform	N	1.2	ug/L	U	F	1.2			G	STD
GS05	SL	7/8/2022	RFS01-02.2207040-002	56-23-5	Carbon tetrachloride	N	0.57	ug/L	U	F	0.57			G	STD
GS05	SL	7/8/2022	RFS01-02.2207040-002	108-90-7	Chlorobenzene	N	0.42	ug/L	U	F	0.42			G	STD
GS05	SL	7/8/2022	RFS01-02.2207040-002	67-66-3	Chloroform	N	0.36	ug/L	U	F	0.36			G	STD
GS05	SL	7/8/2022	RFS01-02.2207040-002	74-87-3	Chloromethane	N	0.75	ug/L	U	F	0.75			G	STD
GS05	SL	7/8/2022	RFS01-02.2207040-002	156-59-2	cis-1,2-Dichloroethene	N	0.32	ug/L	U	F	0.32			G	STD
GS05	SL	7/8/2022	RFS01-02.2207040-002	100-41-4	Ethylbenzene	N	0.3	ug/L	U	F	0.3			G	STD
GS05	SL	7/8/2022	RFS01-02.2207040-002	87-68-3	Hexachlorobutadiene	N	1.2	ug/L	U	F	1.2			G	STD
GS05	SL	7/8/2022	RFS01-02.2207040-002	7439-97-6	Mercury	N	0.061	ug/L	U	F	0.061			G	STD
GS05	SL	7/8/2022	RFS01-02.2207040-002	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94			G	STD
GS05	SL	7/8/2022	RFS01-02.2207040-002	91-20-3	Naphthalene	N	0.63	ug/L	U	F	0.63			G	STD
GS05	SL	7/8/2022	RFS01-02.2207040-002	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36			G	STD
GS05	SL	7/8/2022	RFS01-02.2207040-002	127-18-4	Tetrachloroethene	N	0.4	ug/L	U	F	0.4			G	STD
GS05	SL	7/8/2022	RFS01-02.2207040-002	108-88-3	Toluene	N	0.32	ug/L	U	F	0.32			G	STD
GS05	SL	7/8/2022	RFS01-02.2207040-002	1330-20-7	Total Xylenes	N	0.33	ug/L	U	F	0.33			G	STD
GS05	SL	7/8/2022	RFS01-02.2207040-002	156-60-5	trans-1,2-Dichloroethene	N	0.37	ug/L	U	F	0.37			G	STD
GS05	SL	7/8/2022	RFS01-02.2207040-002	79-01-6	Trichloroethene	N	0.3	ug/L	U	F	0.3			G	STD
GS05	SL	7/8/2022	RFS01-02.2207040-002	75-01-4	Vinyl chloride	N	0.51	ug/L	U	F	0.51			G	STD
GS05	SL	8/9/2022	RFS01-04.2209097-002	7440-38-2	Arsenic	N	0.97	ug/L	J	F	0.33			C	STD
GS05	SL	8/9/2022	RFS01-04.2209097-002	7440-41-7	Beryllium	N	0.17	ug/L	J	F	0.08		J	C	STD
GS05	SL	8/9/2022	RFS01-04.2209097-002	7440-42-8	Boron	N	12	ug/L	B	F	1.5		U	C	STD

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	8/9/2022	RFS01-04.2209097-001	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27			C	STD
GS05	SL	8/9/2022	RFS01-04.2209097-002	7440-47-3	Chromium	N	0.78	ug/L	J	F	0.5			C	STD
GS05	SL	8/9/2022	RFS01-04.2209097-001	7440-50-8	Copper	Y	0.56	ug/L	U	F	0.56			C	STD
GS05	SL	8/9/2022	RFS01-04.2209097-001	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18			C	STD
GS05	SL	8/9/2022	RFS01-04.2209097-001	7440-02-0	Nickel	Y	0.32	ug/L	J	F	0.3			C	STD
GS05	SL	8/9/2022	RFS01-04.2209097-002	7782-49-2	Selenium	N	0.37	ug/L	U	F	0.37			C	STD
GS05	SL	8/9/2022	RFS01-04.2209097-001	7440-22-4	Silver	Y	0.033	ug/L	U	F	0.033			C	STD
GS05	SL	8/9/2022	RFS01-04.2209097-002	7440-61-1	Uranium	N	0.38	ug/L		F	0.05			C	STD
GS05	SL	8/9/2022	RFS01-04.2209097-001	7440-66-6	Zinc	Y	2	ug/L	U	F	2			C	STD
GS05	SL	9/15/2022	RFS01-04.2210099-001	7440-38-2	Arsenic	N	0.33	ug/L	U	D	0.33			C	STD
GS05	SL	9/15/2022	RFS01-04.2210099-002	7440-38-2	Arsenic	N	0.5	ug/L	J	F	0.33			C	STD
GS05	SL	9/15/2022	RFS01-04.2210099-001	7440-41-7	Beryllium	N	0.08	ug/L	U	D	0.08			C	STD
GS05	SL	9/15/2022	RFS01-04.2210099-002	7440-41-7	Beryllium	N	0.08	ug/L	U	F	0.08			C	STD
GS05	SL	9/15/2022	RFS01-04.2210099-001	7440-42-8	Boron	N	3.5	ug/L	J	D	1.5			C	STD
GS05	SL	9/15/2022	RFS01-04.2210099-002	7440-42-8	Boron	N	6	ug/L	J	F	1.5			C	STD
GS05	SL	9/15/2022	RFS01-04.2210099-001	7440-43-9	Cadmium	Y	0.27	ug/L	U	D	0.27			C	STD
GS05	SL	9/15/2022	RFS01-04.2210099-002	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27			C	STD
GS05	SL	9/15/2022	RFS01-04.2210099-001	7440-47-3	Chromium	N	0.97	ug/L	J B	D	0.5		U	C	STD
GS05	SL	9/15/2022	RFS01-04.2210099-002	7440-47-3	Chromium	N	0.89	ug/L	J B	F	0.5		U	C	STD
GS05	SL	9/15/2022	RFS01-04.2210099-001	7440-50-8	Copper	Y	4.3	ug/L		D	0.56		J	C	STD
GS05	SL	9/15/2022	RFS01-04.2210099-002	7440-50-8	Copper	Y	0.56	ug/L	J	F	0.56		J	C	STD
GS05	SL	9/15/2022	RFS01-04.2210099-001	7439-92-1	Lead	Y	0.18	ug/L	U	D	0.18			C	STD
GS05	SL	9/15/2022	RFS01-04.2210099-002	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18			C	STD
GS05	SL	9/15/2022	RFS01-04.2210099-001	7440-02-0	Nickel	Y	1	ug/L	J	D	0.3			C	STD
GS05	SL	9/15/2022	RFS01-04.2210099-002	7440-02-0	Nickel	Y	0.47	ug/L	J	F	0.3			C	STD
GS05	SL	9/15/2022	RFS01-04.2210099-001	7782-49-2	Selenium	N	0.37	ug/L	U	D	0.37			C	STD
GS05	SL	9/15/2022	RFS01-04.2210099-002	7782-49-2	Selenium	N	0.37	ug/L	U	F	0.37			C	STD
GS05	SL	9/15/2022	RFS01-04.2210099-001	7440-22-4	Silver	Y	0.033	ug/L	U	D	0.033			C	STD
GS05	SL	9/15/2022	RFS01-04.2210099-002	7440-22-4	Silver	Y	0.033	ug/L	U	F	0.033			C	STD
GS05	SL	9/15/2022	RFS01-04.2210099-001	7440-61-1	Uranium	N	0.15	ug/L		D	0.05			C	STD
GS05	SL	9/15/2022	RFS01-04.2210099-002	7440-61-1	Uranium	N	0.31	ug/L		F	0.05			C	STD
GS05	SL	9/15/2022	RFS01-04.2210099-001	7440-66-6	Zinc	Y	2	ug/L	J	D	2			C	STD
GS05	SL	9/15/2022	RFS01-04.2210099-002	7440-66-6	Zinc	Y	3.5	ug/L	J	F	2			C	STD
GS59	SL	6/7/2022	RFS01-02.2208041-004	7440-38-2	Arsenic	N	5.6	ug/L		F	0.33			C	STD
GS59	SL	6/7/2022	RFS01-02.2208041-004	7440-41-7	Beryllium	N	1	ug/L		F	0.08			C	STD
GS59	SL	6/7/2022	RFS01-02.2208041-004	7440-42-8	Boron	N	29	ug/L		F	1.5			C	STD
GS59	SL	6/7/2022	RFS01-02.2208041-005	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27			C	STD
GS59	SL	6/7/2022	RFS01-02.2208041-004	7440-47-3	Chromium	N	14	ug/L		F	0.5			C	STD
GS59	SL	6/7/2022	RFS01-02.2208041-005	7440-50-8	Copper	Y	0.77	ug/L	J	F	0.56			C	STD
GS59	SL	6/7/2022	RFS01-02.2208041-005	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18			C	STD
GS59	SL	6/7/2022	RFS01-02.2208041-005	7440-02-0	Nickel	Y	0.63	ug/L	J	F	0.3			C	STD
GS59	SL	6/7/2022	RFS01-02.2208041-004	7782-49-2	Selenium	N	0.71	ug/L	J	F	0.37			C	STD
GS59	SL	6/7/2022	RFS01-02.2208041-005	7440-22-4	Silver	Y	0.033	ug/L	U	F	0.033			C	STD
GS59	SL	6/7/2022	RFS01-02.2208041-004	7440-61-1	Uranium	N	1.8	ug/L		F	0.05			C	STD
GS59	SL	6/7/2022	RFS01-02.2208041-005	7440-66-6	Zinc	Y	2	ug/L	U	F	2			C	STD
GS59	SL	7/8/2022	RFS01-02.2207040-004	71-55-6	1,1,1-Trichloroethane	N	0.39	ug/L	U	F	0.39			G	STD
GS59	SL	7/8/2022	RFS01-02.2207040-004	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21			G	STD
GS59	SL	7/8/2022	RFS01-02.2207040-004	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27			G	STD
GS59	SL	7/8/2022	RFS01-02.2207040-004	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23			G	STD
GS59	SL	7/8/2022	RFS01-02.2207040-004	120-82-1	1,2,4-Trichlorobenzene	N	0.58	ug/L	U	F	0.58			G	STD
GS59	SL	7/8/2022	RFS01-02.2207040-004	95-50-1	1,2-Dichlorobenzene	N	0.37	ug/L	U	F	0.37			G	STD
GS59	SL	7/8/2022	RFS01-02.2207040-004	107-06-2	1,2-Dichloroethane	N	0.54	ug/L	U	F	0.54			G	STD
GS59	SL	7/8/2022	RFS01-02.2207040-004	78-87-5	1,2-Dichloropropane	N	0.52	ug/L	U	F	0.52			G	STD
GS59	SL	7/8/2022	RFS01-02.2207040-004	541-73-1	1,3-Dichlorobenzene	N	0.33	ug/L	U	F	0.33			G	STD
GS59	SL	7/8/2022	RFS01-02.2207040-004	106-46-7	1,4-Dichlorobenzene	N	0.39	ug/L	U	F	0.39			G	STD
GS59	SL	7/8/2022	RFS01-02.2207040-004	71-43-2	Benzene	N	0.31	ug/L	U	F	0.31			G	STD
GS59	SL	7/8/2022	RFS01-02.2207040-004	75-25-2	Bromoform	N	1.2	ug/L	U	F	1.2			G	STD
GS59	SL	7/8/2022	RFS01-02.2207040-004	56-23-5	Carbon tetrachloride	N	0.57	ug/L	U	F	0.57			G	STD
GS59	SL	7/8/2022	RFS01-02.2207040-004	108-90-7	Chlorobenzene	N	0.42	ug/L	U	F	0.42			G	STD
GS59	SL	7/8/2022	RFS01-02.2207040-004	67-66-3	Chloroform	N	0.36	ug/L	U	F	0.36			G	STD
GS59	SL	7/8/2022	RFS01-02.2207040-004	74-87-3	Chloromethane	N	0.75	ug/L	U	F	0.75			G	STD
GS59	SL	7/8/2022	RFS01-02.2207040-004	156-59-2	cis-1,2-Dichloroethene	N	0.32	ug/L	U	F	0.32			G	STD
GS59	SL	7/8/2022	RFS01-02.2207040-004	100-41-4	Ethylbenzene	N	0.3	ug/L	U	F	0.3			G	STD

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GS59	SL	7/8/2022	RFS01-02.2207040-004	87-68-3	Hexachlorobutadiene	N	1.2	ug/L	U	F	1.2			G	STD
GS59	SL	7/8/2022	RFS01-02.2207040-004	7439-97-6	Mercury	N	0.061	ug/L	U	F	0.061			G	STD
GS59	SL	7/8/2022	RFS01-02.2207040-004	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94			G	STD
GS59	SL	7/8/2022	RFS01-02.2207040-004	91-20-3	Naphthalene	N	0.63	ug/L	U	F	0.63			G	STD
GS59	SL	7/8/2022	RFS01-02.2207040-004	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36			G	STD
GS59	SL	7/8/2022	RFS01-02.2207040-004	127-18-4	Tetrachloroethene	N	0.4	ug/L	U	F	0.4			G	STD
GS59	SL	7/8/2022	RFS01-02.2207040-004	108-88-3	Toluene	N	0.32	ug/L	U	F	0.32			G	STD
GS59	SL	7/8/2022	RFS01-02.2207040-004	1330-20-7	Total Xylenes	N	0.33	ug/L	U	F	0.33			G	STD
GS59	SL	7/8/2022	RFS01-02.2207040-004	156-60-5	trans-1,2-Dichloroethene	N	0.37	ug/L	U	F	0.37			G	STD
GS59	SL	7/8/2022	RFS01-02.2207040-004	79-01-6	Trichloroethene	N	0.3	ug/L	U	F	0.3			G	STD
GS59	SL	7/8/2022	RFS01-02.2207040-004	75-01-4	Vinyl chloride	N	0.51	ug/L	U	F	0.51			G	STD
GS59	SL	8/9/2022	RFS01-04.2209097-004	7440-38-2	Arsenic	N	11	ug/L		F	0.33			C	STD
GS59	SL	8/9/2022	RFS01-04.2209097-004	7440-41-7	Beryllium	N	1.7	ug/L		F	0.08		J	C	STD
GS59	SL	8/9/2022	RFS01-04.2209097-004	7440-42-8	Boron	N	25	ug/L	B	F	1.5		U	C	STD
GS59	SL	8/9/2022	RFS01-04.2209097-003	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27			C	STD
GS59	SL	8/9/2022	RFS01-04.2209097-004	7440-47-3	Chromium	N	26	ug/L		F	0.5			C	STD
GS59	SL	8/9/2022	RFS01-04.2209097-003	7440-50-8	Copper	Y	0.83	ug/L	J	F	0.56			C	STD
GS59	SL	8/9/2022	RFS01-04.2209097-003	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18			C	STD
GS59	SL	8/9/2022	RFS01-04.2209097-003	7440-02-0	Nickel	Y	1.2	ug/L	J	F	0.3			C	STD
GS59	SL	8/9/2022	RFS01-04.2209097-004	7782-49-2	Selenium	N	0.88	ug/L	J	F	0.37			C	STD
GS59	SL	8/9/2022	RFS01-04.2209097-003	7440-22-4	Silver	Y	0.033	ug/L	U	F	0.033			C	STD
GS59	SL	8/9/2022	RFS01-04.2209097-004	7440-61-1	Uranium	N	3.2	ug/L		F	0.05			C	STD
GS59	SL	8/9/2022	RFS01-04.2209097-003	7440-66-6	Zinc	Y	2	ug/L	U	F	2			C	STD
GS59	SL	9/15/2022	RFS01-04.2210099-003	7440-38-2	Arsenic	N	14	ug/L		F	0.33			C	STD
GS59	SL	9/15/2022	RFS01-04.2210099-003	7440-41-7	Beryllium	N	2.5	ug/L		F	0.08			C	STD
GS59	SL	9/15/2022	RFS01-04.2210099-003	7440-42-8	Boron	N	21	ug/L		F	1.5			C	STD
GS59	SL	9/15/2022	RFS01-04.2210099-003	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27			C	STD
GS59	SL	9/15/2022	RFS01-04.2210099-003	7440-47-3	Chromium	N	29	ug/L	B	F	0.5			C	STD
GS59	SL	9/15/2022	RFS01-04.2210099-003	7440-50-8	Copper	Y	0.87	ug/L	J	F	0.56			C	STD
GS59	SL	9/15/2022	RFS01-04.2210099-003	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18			C	STD
GS59	SL	9/15/2022	RFS01-04.2210099-003	7440-02-0	Nickel	Y	0.88	ug/L	J	F	0.3			C	STD
GS59	SL	9/15/2022	RFS01-04.2210099-003	7782-49-2	Selenium	N	0.99	ug/L	J	F	0.37			C	STD
GS59	SL	9/15/2022	RFS01-04.2210099-003	7440-22-4	Silver	Y	0.033	ug/L	U	F	0.033			C	STD
GS59	SL	9/15/2022	RFS01-04.2210099-003	7440-61-1	Uranium	N	4.9	ug/L		F	0.05			C	STD
GS59	SL	9/15/2022	RFS01-04.2210099-003	7440-66-6	Zinc	Y	2	ug/L	U	F	2			C	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	71-55-6	1,1,1-Trichloroethane	N	0.39	ug/L	U	F	0.39		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	120-82-1	1,2,4-Trichlorobenzene	N	0.58	ug/L	U	F	0.58		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	95-50-1	1,2-Dichlorobenzene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	107-06-2	1,2-Dichloroethane	N	0.54	ug/L	U	F	0.54		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	78-87-5	1,2-Dichloropropane	N	0.52	ug/L	U	F	0.52		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	541-73-1	1,3-Dichlorobenzene	N	0.29	ug/L	U	F	0.29		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	106-46-7	1,4-Dichlorobenzene	N	0.39	ug/L	U	F	0.39		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	91-58-7	2-Chloronaphthalene	N	0.51	ug/L	U	F	0.51		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-066	83-32-9	Acenaphthene	N	0.01	ug/L	U	F	0.01		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-066	120-12-7	Anthracene	N	0.014	ug/L	U	F	0.014		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	7440-38-2	Arsenic	Y	0.33	ug/L	U	F	0.33		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	71-43-2	Benzene	N	0.31	ug/L	U	F	0.31		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-066	50-32-8	Benzo(a)pyrene	N	0.0049	ug/L	U	F	0.0049		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-066	191-24-2	Benzo(g,h,i)Perylene	N	0.0077	ug/L	U *	F	0.0077		FJQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	7440-41-7	Beryllium	Y	0.08	ug/L	U	F	0.08		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	108-60-1	Bis(2-chloroisopropyl) ether	N	0.27	ug/L	U	F	0.27		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	117-81-7	Bis(2-ethylhexyl) phthalate	N	2.3	ug/L	U	F	2.3		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	7440-42-8	Boron	Y	6.4	ug/L	J B	F	1.5		FQU	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	75-25-2	Bromoform	N	1.2	ug/L	U	F	1.2		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	56-23-5	Carbon tetrachloride	N	0.57	ug/L	U	F	0.57		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	108-90-7	Chlorobenzene	N	0.42	ug/L	U	F	0.42		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	67-66-3	Chloroform	N	0.36	ug/L	U	F	0.36		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	74-87-3	Chloromethane	N	0.75	ug/L	U	F	0.75		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	7440-47-3	Chromium	Y	0.5	ug/L	U	F	0.5		FQ	G	STD

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P416589	WL	7/26/2022	RFS01-10.2207049-066	218-01-9	Chrysene	N	0.012	ug/L	U	F	0.012		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	156-59-2	cis-1,2-Dichloroethene	N	0.32	ug/L	U	F	0.32		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	7440-50-8	Copper	Y	0.56	ug/L	U	F	0.56		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-066	53-70-3	Dibenz(a,h)anthracene	N	0.0046	ug/L	U	F	0.0046		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	84-66-2	Diethyl phthalate	N	0.36	ug/L	U	F	0.36		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	131-11-3	Dimethyl phthalate	N	0.2	ug/L	U	F	0.2		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	84-74-2	Di-n-butyl phthalate	N	1.1	ug/L	U	F	1.1		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	100-41-4	Ethylbenzene	N	0.3	ug/L	U	F	0.3		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-066	206-44-0	Fluoranthene	N	0.033	ug/L	U	F	0.033		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-066	86-73-7	Fluorene	N	0.018	ug/L	U	F	0.018		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	87-68-3	Hexachlorobutadiene	N	1.2	ug/L	U	F	1.2		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	67-72-1	Hexachloroethane	N	0.94	ug/L	U	F	0.94		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	78-59-1	Isophorone	N	0.2	ug/L	U	F	0.2		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	7439-97-6	Mercury	Y	0.061	ug/L	U	F	0.061		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-066	91-20-3	Naphthalene	N	0.0054	ug/L	J	F	0.0051		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	7440-02-0	Nickel	Y	2.8	ug/L		F	0.3		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-066	129-00-0	Pyrene	N	0.0077	ug/L	U	F	0.0077		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	7782-49-2	Selenium	Y	0.37	ug/L	U	F	0.37		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	7440-22-4	Silver	Y	0.038	ug/L	J	F	0.033		FQU	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	127-18-4	Tetrachloroethene	N	0.4	ug/L	U	F	0.4		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	108-88-3	Toluene	N	0.32	ug/L	U	F	0.32		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	1330-20-7	Total Xylenes	N	0.33	ug/L	U	F	0.33		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	156-60-5	trans-1,2-Dichloroethene	N	0.37	ug/L	U	F	0.37		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	79-01-6	Trichloroethene	N	0.3	ug/L	U	F	0.3		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	7440-61-1	Uranium	Y	2.8	ug/L		F	0.05		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	75-01-4	Vinyl chloride	N	0.51	ug/L	U	F	0.51		FQ	G	STD
P416589	WL	7/26/2022	RFS01-10.2207049-065	7440-66-6	Zinc	Y	9.7	ug/L	J	F	2		FQ	G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-006	71-55-6	1,1,1-Trichloroethane	N	0.39	ug/L	U	F	0.39			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-011	71-55-6	1,1,1-Trichloroethane	N	0.39	ug/L	U	D	0.39			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-006	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-011	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	D	0.21			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-006	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-011	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	D	0.27			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-006	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-011	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	D	0.23			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-006	120-82-1	1,2,4-Trichlorobenzene	N	0.58	ug/L	U	F	0.58			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-011	120-82-1	1,2,4-Trichlorobenzene	N	0.58	ug/L	U	D	0.58			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-006	95-50-1	1,2-Dichlorobenzene	N	0.37	ug/L	U	F	0.37			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-011	95-50-1	1,2-Dichlorobenzene	N	0.37	ug/L	U	D	0.37			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-006	107-06-2	1,2-Dichloroethane	N	0.54	ug/L	U	F	0.54			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-011	107-06-2	1,2-Dichloroethane	N	0.54	ug/L	U	D	0.54			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-006	78-87-5	1,2-Dichloropropane	N	0.52	ug/L	U	F	0.52			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-011	78-87-5	1,2-Dichloropropane	N	0.52	ug/L	U	D	0.52			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-006	541-73-1	1,3-Dichlorobenzene	N	0.33	ug/L	U	F	0.33			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-011	541-73-1	1,3-Dichlorobenzene	N	0.33	ug/L	U	D	0.33			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-006	106-46-7	1,4-Dichlorobenzene	N	0.39	ug/L	J	F	0.39			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-011	106-46-7	1,4-Dichlorobenzene	N	0.41	ug/L	J	D	0.39			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-007	7440-38-2	Arsenic	N	5.8	ug/L		F	0.33			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-012	7440-38-2	Arsenic	N	5.7	ug/L		D	0.33			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-006	71-43-2	Benzene	N	2.5	ug/L		F	0.31			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-011	71-43-2	Benzene	N	2.4	ug/L		D	0.31			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-007	7440-41-7	Beryllium	N	0.11	ug/L	J	F	0.08			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-012	7440-41-7	Beryllium	N	0.08	ug/L	U	D	0.08			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-007	7440-42-8	Boron	N	1300	ug/L	B	F	1.5			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-012	7440-42-8	Boron	N	1300	ug/L	B	D	1.5			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-006	75-25-2	Bromoform	N	1.2	ug/L	U	F	1.2			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-011	75-25-2	Bromoform	N	1.2	ug/L	U	D	1.2			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-006	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-011	7440-43-9	Cadmium	Y	0.27	ug/L	U	D	0.27			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-006	56-23-5	Carbon tetrachloride	N	0.57	ug/L	U	F	0.57			G	STD

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PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-011	56-23-5	Carbon tetrachloride	N	0.57	ug/L	U	D	0.57			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-006	108-90-7	Chlorobenzene	N	0.8	ug/L	J	F	0.42			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-011	108-90-7	Chlorobenzene	N	0.82	ug/L	J	D	0.42			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-006	67-66-3	Chloroform	N	0.36	ug/L	U	F	0.36			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-011	67-66-3	Chloroform	N	0.36	ug/L	U	D	0.36			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-006	74-87-3	Chloromethane	N	0.75	ug/L	U	F	0.75			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-011	74-87-3	Chloromethane	N	0.75	ug/L	U	D	0.75			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-007	7440-47-3	Chromium	N	1.3	ug/L	J	F	0.5			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-012	7440-47-3	Chromium	N	0.9	ug/L	J	D	0.5			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-006	156-59-2	cis-1,2-Dichloroethene	N	0.32	ug/L	U	F	0.32			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-011	156-59-2	cis-1,2-Dichloroethene	N	0.32	ug/L	U	D	0.32			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-006	7440-50-8	Copper	Y	0.56	ug/L	U	F	0.56			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-011	7440-50-8	Copper	Y	0.56	ug/L	U	D	0.56			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-006	100-41-4	Ethylbenzene	N	0.3	ug/L	U	F	0.3			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-011	100-41-4	Ethylbenzene	N	0.3	ug/L	U	D	0.3			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-006	87-68-3	Hexachlorobutadiene	N	1.2	ug/L	U	F	1.2			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-011	87-68-3	Hexachlorobutadiene	N	1.2	ug/L	U	D	1.2			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-006	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-011	7439-92-1	Lead	Y	0.18	ug/L	U	D	0.18			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-007	7439-97-6	Mercury	N	0.061	ug/L	U	F	0.061			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-012	7439-97-6	Mercury	N	0.061	ug/L	U	D	0.061			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-006	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-011	75-09-2	Methylene chloride	N	0.94	ug/L	U	D	0.94			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-006	91-20-3	Naphthalene	N	27	ug/L		F	0.63			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-011	91-20-3	Naphthalene	N	29	ug/L		D	0.63			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-006	7440-02-0	Nickel	Y	5	ug/L		F	0.3			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-011	7440-02-0	Nickel	Y	5.4	ug/L		D	0.3			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-007	7782-49-2	Selenium	N	0.37	ug/L	U	F	0.37			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-012	7782-49-2	Selenium	N	0.37	ug/L	U	D	0.37			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-006	7440-22-4	Silver	Y	0.033	ug/L	U	F	0.033			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-011	7440-22-4	Silver	Y	0.053	ug/L	J	D	0.033		U	G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-006	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-011	100-42-5	Styrene	N	0.36	ug/L	U	D	0.36			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-006	127-18-4	Tetrachloroethene	N	0.4	ug/L	U	F	0.4			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-011	127-18-4	Tetrachloroethene	N	0.4	ug/L	U	D	0.4			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-006	108-88-3	Toluene	N	0.32	ug/L	U	F	0.32			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-011	108-88-3	Toluene	N	0.32	ug/L	U	D	0.32			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-006	1330-20-7	Total Xylenes	N	1.3	ug/L		F	0.33			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-011	1330-20-7	Total Xylenes	N	0.87	ug/L	J	D	0.33			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-006	156-60-5	trans-1,2-Dichloroethene	N	0.37	ug/L	U	F	0.37			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-011	156-60-5	trans-1,2-Dichloroethene	N	0.37	ug/L	U	D	0.37			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-006	79-01-6	Trichloroethene	N	0.3	ug/L	U	F	0.3			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-011	79-01-6	Trichloroethene	N	0.3	ug/L	U	D	0.3			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-007	7440-61-1	Uranium	N	0.11	ug/L		F	0.05		U	G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-012	7440-61-1	Uranium	N	0.1	ug/L		D	0.05		U	G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-006	75-01-4	Vinyl chloride	N	0.51	ug/L	U	F	0.51			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-011	75-01-4	Vinyl chloride	N	0.51	ug/L	U	D	0.51			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-006	7440-66-6	Zinc	Y	61	ug/L		F	2			G	STD
PLFSEEPINF	TS	7/8/2022	RFS01-02.2207040-011	7440-66-6	Zinc	Y	62	ug/L		D	2			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	71-55-6	1,1,1-Trichloroethane	N	0.39	ug/L	U	F	0.39			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	120-82-1	1,2,4-Trichlorobenzene	N	0.58	ug/L	U	F	0.58			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	95-50-1	1,2-Dichlorobenzene	N	0.37	ug/L	U	F	0.37			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	107-06-2	1,2-Dichloroethane	N	0.54	ug/L	U	F	0.54			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	78-87-5	1,2-Dichloropropane	N	0.52	ug/L	U	F	0.52			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	541-73-1	1,3-Dichlorobenzene	N	0.33	ug/L	U	F	0.33			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	106-46-7	1,4-Dichlorobenzene	N	0.39	ug/L	U	F	0.39			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	91-58-7	2-Chloronaphthalene	N	5.3	ug/L	U	F	5.3			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	83-32-9	Acenaphthene	N	6.3	ug/L	U	F	6.3			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-010	83-32-9	Acenaphthene	N	1.1	ug/L		F	0.11			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	120-12-7	Anthracene	N	4.2	ug/L	U	F	4.2			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-010	120-12-7	Anthracene	N	0.26	ug/L		F	0.14			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-009	7440-38-2	Arsenic	N	5	ug/L		F	0.33			G	STD

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PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	71-43-2	Benzene	N	0.73	ug/L	J	F	0.31			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	50-32-8	Benzo(a)pyrene	N	7.3	ug/L	U	F	7.3			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-010	50-32-8	Benzo(a)pyrene	N	0.051	ug/L	U	F	0.051			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	191-24-2	Benzo(g,h,i)Perylene	N	5	ug/L	U	F	5			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-010	191-24-2	Benzo(g,h,i)Perylene	N	0.081	ug/L	U	F	0.081			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-009	7440-41-7	Beryllium	N	0.08	ug/L	U	F	0.08			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	108-60-1	Bis(2-chloroisopropyl) ether	N	2.8	ug/L	U	F	2.8			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	117-81-7	Bis(2-ethylhexyl) phthalate	N	24	ug/L	U	F	24			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-009	7440-42-8	Boron	N	980	ug/L	B	F	1.5			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	75-25-2	Bromoform	N	1.2	ug/L	U	F	1.2			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	56-23-5	Carbon tetrachloride	N	0.57	ug/L	U	F	0.57			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	108-90-7	Chlorobenzene	N	0.42	ug/L	U	F	0.42			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	67-66-3	Chloroform	N	0.36	ug/L	U	F	0.36			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	74-87-3	Chloromethane	N	0.75	ug/L	U	F	0.75			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-009	7440-47-3	Chromium	N	0.51	ug/L	J	F	0.5			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	218-01-9	Chrysene	N	5.4	ug/L	U	F	5.4			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-010	218-01-9	Chrysene	N	0.12	ug/L	U	F	0.12			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	156-59-2	cis-1,2-Dichloroethene	N	0.32	ug/L	U	F	0.32			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	7440-50-8	Copper	Y	0.56	ug/L	U	F	0.56			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	53-70-3	Dibenz(a,h)anthracene	N	22	ug/L	U	F	22			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-010	53-70-3	Dibenz(a,h)anthracene	N	0.048	ug/L	U	F	0.048			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	84-66-2	Diethyl phthalate	N	3.8	ug/L	U	F	3.8			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	131-11-3	Dimethyl phthalate	N	2.1	ug/L	U	F	2.1			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	84-74-2	Di-n-butyl phthalate	N	12	ug/L	U	F	12			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	100-41-4	Ethylbenzene	N	0.3	ug/L	U	F	0.3			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	206-44-0	Fluoranthene	N	9	ug/L	U	F	9			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-010	206-44-0	Fluoranthene	N	0.35	ug/L	U	F	0.35			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	86-73-7	Fluorene	N	3.1	ug/L	U	F	3.1			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-010	86-73-7	Fluorene	N	1.1	ug/L		F	0.19			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	87-68-3	Hexachlorobutadiene	N	1.2	ug/L	U	F	1.2			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	67-72-1	Hexachloroethane	N	9.8	ug/L	U	F	9.8			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	78-59-1	Isophorone	N	2.1	ug/L	U	F	2.1			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-009	7439-97-6	Mercury	N	0.061	ug/L	U	F	0.061			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	91-20-3	Naphthalene	N	5.5	ug/L		F	0.63			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-010	91-20-3	Naphthalene	N	3	ug/L		F	0.053			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	7440-02-0	Nickel	Y	4.4	ug/L		F	0.3			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	129-00-0	Pyrene	N	3.7	ug/L	U	F	3.7			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-010	129-00-0	Pyrene	N	0.18	ug/L	J B	F	0.081			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-009	7782-49-2	Selenium	N	0.37	ug/L	U	F	0.37			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	7440-22-4	Silver	Y	0.033	ug/L	U	F	0.033			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	127-18-4	Tetrachloroethene	N	0.4	ug/L	U	F	0.4			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	108-88-3	Toluene	N	0.32	ug/L	U	F	0.32			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	1330-20-7	Total Xylenes	N	0.33	ug/L	U	F	0.33			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	156-60-5	trans-1,2-Dichloroethene	N	0.37	ug/L	U	F	0.37			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	79-01-6	Trichloroethene	N	0.3	ug/L	U	F	0.3			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-009	7440-61-1	Uranium	N	0.5	ug/L		F	0.05		U	G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	75-01-4	Vinyl chloride	N	0.51	ug/L	U	F	0.51			G	STD
PLFSYSEFF	TS	7/8/2022	RFS01-02.2207040-008	7440-66-6	Zinc	Y	14	ug/L		F	2			G	STD
SPIN	TS	7/15/2022	RFS01-06.2207027-012	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	520	mg/L		F	4.4			G	STD
SPIN	TS	8/1/2022	RFS01-04.2208094-013	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	600	mg/L		F	4.4			G	STD
SPIN	TS	8/1/2022	RFS01-04.2208094-013	7440-61-1	Uranium	N	64	ug/L		F	0.05			G	STD
SPIN	TS	8/15/2022	RFS01-04.2208095-013	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	680	mg/L		F	4.4			G	STD
SPIN	TS	8/31/2022	RFS01-04.2208096-013	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	610	mg/L		F	4.4			G	STD
SPIN	TS	8/31/2022	RFS01-04.2208096-013	7440-61-1	Uranium	N	68	ug/L	W	F	0.05		J	G	STD
SPIN	TS	9/15/2022	RFS01-04.2209097-013	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	610	mg/L		F	22			G	STD
SPIN	TS	9/29/2022	RFS01-04.2209098-013	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	480	mg/L		F	4.4			G	STD
SPIN	TS	9/29/2022	RFS01-04.2209098-013	7440-61-1	Uranium	N	64	ug/L		F	0.05			G	STD
SPOUT	TS	7/15/2022	RFS01-06.2207027-013	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.094	mg/L		F	0.044			G	STD
SPOUT	TS	8/1/2022	RFS01-04.2208094-014	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.044	mg/L	U	F	0.044			G	STD
SPOUT	TS	8/1/2022	RFS01-04.2208094-014	7440-61-1	Uranium	N	34	ug/L		F	0.05			G	STD
SPOUT	TS	8/15/2022	RFS01-04.2208095-014	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.044	mg/L	U	F	0.044			G	STD

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
SPOUT	TS	8/31/2022	RFS01-04.2208096-014	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.044	mg/L	U	F	0.044			G	STD
SPOUT	TS	8/31/2022	RFS01-04.2208096-014	7440-61-1	Uranium	N	39	ug/L		F	0.05			G	STD
SPOUT	TS	9/15/2022	RFS01-04.2209097-014	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.044	mg/L	U	F	0.044			G	STD
SPOUT	TS	9/29/2022	RFS01-04.2209098-014	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.11	mg/L		F	0.044			G	STD
SPOUT	TS	9/29/2022	RFS01-04.2209098-014	7440-61-1	Uranium	N	54	ug/L		F	0.05			G	STD
SW093	SL	5/24/2022	RFS01-13.2208082-012	14596-10-2	Americium-241	N	0.0132	pCi/L	U	F		0.0112		C	GEN
SW093	SL	5/24/2022	RFS01-13.2208082-012	7440-41-7	Beryllium	N	1	ug/L	U	F	1			C	GEN
SW093	SL	5/24/2022	RFS01-13.2208082-012	7440-43-9	Cadmium	Y	0.3	ug/L	U	F	0.3			C	GEN
SW093	SL	5/24/2022	RFS01-13.2208082-012	7440-47-3	Chromium	N	1	ug/L	U	F	1		J	C	GEN
SW093	SL	5/24/2022	RFS01-13.2208082-012	PU-239,240	Plutonium-239, 240	N	-0.0115	pCi/L	U	F		0.0149		C	GEN
SW093	SL	5/24/2022	RFS01-13.2208082-012	7440-22-4	Silver	Y	0.3	ug/L	U	F	0.3			C	GEN
SW093	SL	5/24/2022	RFS01-13.2208082-012	7440-61-1	Uranium	N	3.82	ug/L		F	0.067			C	GEN
WOMPOC	SL	6/7/2022	RFS01-13.2209083-015	14596-10-2	Americium-241	N	-0.00134	pCi/L	U	F		0.00585		C	GEN
WOMPOC	SL	6/7/2022	RFS01-13.2209083-015	PU-239,240	Plutonium-239, 240	N	0.00852	pCi/L	U	F		0.00926		C	GEN
WOMPOC	SL	6/7/2022	RFS01-13.2209083-015	7440-61-1	Uranium	N	2.2	ug/L		F	0.067			C	GEN
WOMPOC	SL	9/29/2022	RFS01-13.2210084-001	14596-10-2	Americium-241	N	0.00779	pCi/L	U	D		0.00919		C	GEN
WOMPOC	SL	9/29/2022	RFS01-13.2210084-015	14596-10-2	Americium-241	N	-0.00939	pCi/L	U	F		0.0184		C	GEN
WOMPOC	SL	9/29/2022	RFS01-13.2210084-001	PU-239,240	Plutonium-239, 240	N	0.00566	pCi/L	U	D		0.0157		C	GEN
WOMPOC	SL	9/29/2022	RFS01-13.2210084-015	PU-239,240	Plutonium-239, 240	N	-0.00148	pCi/L	U	F		0.0112		C	GEN
WOMPOC	SL	9/29/2022	RFS01-13.2210084-001	7440-61-1	Uranium	N	0.931	ug/L		D	0.067		J	C	GEN
WOMPOC	SL	9/29/2022	RFS01-13.2210084-015	7440-61-1	Uranium	N	0.95	ug/L		F	0.067		J	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

Information for RFLMA Composite Samples with Unavailable Data

Location	Sample Dates*	Status
WALPOC	6/25/2022 9:07 -->	In Progress
GS10	6/7/2022 15:10 -->	In Progress
GS13	6/7/2022 13:57 -->	In Progress
GS51	1/18/2022 13:51 -->	In Progress
SW027	3/2/2022 12:07 -->	In Progress
SW093	8/4/2022 12:16 -->	In Progress

Notes:

* Analytical results are reported with the start date of the composite sampling period

--> Composite sample end date to be determined

NSQ: non-sufficient quantity for analysis

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.