ROCKY FLATS STEWARDSHIP COUNCIL

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

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

Special COVID-19 Announcement

Board of Directors Meeting Monday, September 13, 2021, 8:30 – 10:30 AM

Due to COVID-19 social distancing requirements, the Rocky Flats Stewardship Council Board of Directors will meet via WebEx, with an internet/phone link provided by separate notice. The meeting is open to the public. Following the direction of local governments and other public entities throughout Colorado, public engagement is being modified for this virtual meeting.

To ensure the meeting participants are able to hear the information being presented and the members of the Board of Directors are able to engage in conversation, the following meeting-specific protocols have been developed:

- Public comments during the 8:40 am (approximate time) public comment period are limited to three minutes. Participants must sign up in advance by emailing a request to speak to <u>info@rockyflatssc.org</u>. Requests must be made no later than 5:00 pm (MDT), Thursday, September 9, 2021. Persons submitting requests after this deadline will not be allowed to speak during the public comment period.
- Public comments on the DOE Quarterly Report presentation are limited to written comments.
 Comments must be sent to info@rockyflatssc.org. All comments sent by 5:00 pm (MDT),
 Thursday, September 9, 2021, will be forwarded to the Board of Directors prior to the meeting.
 Comments sent during or following the meeting are also accepted.
- 3. All written comments, including those sent during or following the meeting, will be posted on the Stewardship Council website.
- 4. DOE has agreed to respond in writing to comments offered on that agency's report. Those responses will be posted on the Stewardship Council website.

Please direct any questions to dabelson@rockyflatssc.org

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Board of Directors Meeting – Agenda Monday, September 13, 2021 8:30 – 10:30 AM VIA WEBEX

Email info@rockyflatssc.org for WebEx details

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

8:40 AM <u>Public Comment</u>: Comments are limited to the Consent Agenda and non-agenda items. See the "Special COVID-19 Announcement" for details.

8:50 AM <u>Business Items</u> (briefing memo attached)

- 1. Consent Agenda: Approve meeting minutes (May 3, 2021, and June 7, 2021) and checks
- 2. Executive Director's Report

9:00 AM Host DOE Quarterly Meeting (briefing memo attached)

- DOE will brief on site activities for the first quarter of 2021.
- ODE 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.).

<u>Public Comment on DOE Briefing</u>: As explained in the "Special COVID-19 Announcement," all comments must be submitted in writing.

9:45 AM 2022 Work Plan – Initial Review (briefing memo attached)

- The Board will review and edit the draft 2022 work plan.
- Formal approval of the work plan will take place at the November 1st meeting.

10:00 AM 2022 Budget – Initial Review (briefing memo attached)

- o The Board will review, and modify as necessary, the draft 2022 budget.
- \circ The budget hearing and adoption of the 2022 budget will take place at the November 1st meeting.

Board Roundtable – Big Picture/Additional Questions/Issue Identification

Adjourn

Upcoming Meetings:

November 1, 2021 February 7, 2022

Business Items

- May 3, 2021, draft board meeting minutes
- June 7, 2021, draft board meeting minutes
- List of Stewardship Council checks

DOE Quarterly Report Briefing

- Cover memo
- Selection of the quarterly report

ROCKY FLATS STEWARDSHIP COUNCIL

Monday, May 3, 2021 8:30 – 10:15 AM Virtual Meeting via WebEx

Board members in attendance: Nancy Ford (Arvada), Sandra McDonald (Alternate, Arvada), Claire Levy (Director, Boulder County), Sam Weaver (Director, City of Boulder), Deven Shaff (Director, Broomfield), Heidi Henkel (Alternate, Broomfield), David Allen (Alternate, Broomfield), Jim Dale (Director, Golden), Andy Kerr (Director, Jefferson County), Pat O'Connell (Alternate, Jefferson County), Joyce Downing (Director, Northglenn), Shelley Stanley (Alternate, Northglenn), Mark Lacis (Director, Superior), Jan Kulmann (Director, Thornton), James Boswell (Alternate, Thornton), Kathryn Skulley (Director, Westminster), Rich Seymour (Alternate, Westminster), Trea Nance (Alternate, Westminster), Jeannette Hillery (Director, League of Women Voters), Kathleen Bacheller (Rocky Flats Homesteaders), Murph Widdowfield (Rocky Flats Cold War Museum), Ken Freiberg (Rocky Flats Cold War Museum), Kim Griffiths (Director/Citizen)

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

Attendees: David Shafer (DOE-LM), Andy Keim (DOE-LM), Gwen Hooten (DOE-LM), Nicole Lachance (RSI Entech), Dana Santi (RSI Entech), John Boylan (RSI Entech), George Squibb (RSI Entech), Jody Nelson (RSI Entech), Padraic Benson (RSI Entech), Patti Gallo (RSI Entech), Yvonne Deyo (RSI Entech), Luke Carelo (RSI Entech), Faith Anderson (RSI Entech), Lindsey Archibald (CDPHE), Lindsey Masters (CDPHE), Lindsay Archibald (CDPHE), Laura Dixon (CDPHE), Laura Hubbard (Broomfield), Cathy Shugarts (Westminster), Shirley Garcia, Lynn Segal, Chris Allred, Neshama Abraham

<u>Convene/Agenda Review</u>: Joyce Downing convened the meeting at 8:30 am. She noted that the Executive Committee met to discuss today's agenda.

<u>Public Comment</u>: Lynn Segal noted that her mother was living in Denver during the 1957 fire at Rocky Flats and died of leukemia. She does not believe people should be allowed on the Rocky Flats property because it is a superfund site, not a refuge. Chris Allred with Rocky Mountain Peace and Justice Center spoke about the Rocky Mountain Greenway project. He did not like how Boulder had approached this process and said they were not taking public opinion into account. Neshama Abraham is a 25-year Boulder resident and business owner and mother. She said she was here to request signage at the entrances to Rocky Flats that that identifies there is plutonium in the soil and precautions that people should take. She visited with Dr. Harvey Nichols, who gave her protocols for safely visiting Rocky Flats, such as visit when soil is wet, stay away during wind, wear a mask and eye covering, and rinse off shoes when you leave. She would like the Stewardship Council to discuss recommending right-to-know signage.

<u>Consent Agenda</u>: The consent agenda included approval of the minutes from the February 1, 2021, meeting and the checks written since that meeting.

Jeannette Hillery moved to approve consent agenda. The motion was seconded by Jan Kulmann. The motion to accept the minutes and checks passed 14-0.

<u>Executive Director's Report</u>: David Abelson reported on new Board members from member governments -- Claire Levy (Boulder County Commissioner), and Taylor Reimann (City of Boulder staff).

Next, David next noted that the 2020 audit will be presented at the June 7th meeting. He said that while an audit is not required by the DOE grant or state law, annually the Stewardship Council contracts for an audit to ensure that the finances are being conducted in accordance with the applicable laws and regulations.

Finally, David reminded the Board that one of the key roles he and Melissa Weakly play is to help them understand the history of the cleanup and ongoing management. He encouraged the Board to reach out to them. David said he raised this point as staff continues to see information emailed or presented to the Board or presented to the community that is misleading or excludes key facts. It is one of the real challenges of this work, and one of the reasons why the Stewardship Council has staff—to help the Board wade through the information.

<u>Climate Adaptation and Resilience</u>: David Abelson opened the conversation by explaining that this presentation and discussion stemmed from the Board work plan sessions in Fall 2020. Addressing the impacts of climate change is a priority for most, if not all, member governments, so the discussion is an extension of their ongoing work at their councils and commissions.

David noted this briefing was not the first time these issues have been directly addressed at the Stewardship Council, but instead are a continuation of a conversation that began with a largely different board. He expressed his thanks for DOE for revisiting this topic and expressed his confidence that the conversation would benefit both the local communities and DOE and the regulatory agencies.

<u>Climate Adaptation and Resilience: Programs and Activities:</u> David S. Shafer, Ph.D., Deputy Director for Field Programs

David Shafer began by providing a brief background on the Office of Legacy Management. This office within the Department of Energy (DOE) was created in 2003 to manage long-term stewardship and maintenance responsibilities at sites formerly used for nuclear weapons production and energy research. It also provides the pension and benefits program oversight for former workers. DOE-LM currently oversees more than 100 sites across the country.

Dr. Shafer summarized DOE's climate change commitments. He said DOE recognizes that climate change and extreme weather events have already affected its sites, mission and operations. Its mission includes actively increasing resilience to climate change risks. DOE is updating policies and assessing internal risks and vulnerabilities to climate change, including performing vulnerability assessments. As vulnerable sites are identified, information will be shared with local communities and tribes.

President Biden issued two Executive Orders on January 27, 2021. Executive Order 14008, "Tackling the Climate Crisis at Home and Abroad," establishes climate considerations as an essential element of U.S. foreign policy and national security. It also addresses management of federal procurement, real property, public lands and waters, and financial programs. Finally, it integrates climate adaptation and resilience across agency programs.

Executive Order 13990, "Protecting Public Health and the Environment and Restoring Science to Tackle the Climate Crisis," directs all agencies to review existing regulations, orders, guidance documents, and policies adopted between January 2017 and January 2021 to determine consistency with the policy set forth in this Order.

A 2020 GAO report provided recommendations to address LM's environmental liabilities by developing plans to assess the effect of climate change on LM's sites and to mitigate any significant impacts. In 2021, LM secured an agreement with Lawrence Berkley National Laboratory to complete this assessment and use these findings to better inform long term stewardship and maintenance responsibilities and refine its environmental liability estimates for managing the sites. This activity is scheduled to be completed in September 2022.

Nancy Ford asked about DOE's financial abilities to address climate impacts. Dr. Shafer noted that they are looking at frequency of events in the context of long-term budgeting. They are working with Energy Solutions site in Utah to project potential events and actions to adequate funds for these future needs. Shelley Stanley asked if DOE was also considering frequency, duration and seasonal pattern changes in long-term planning. Dr. Shafer said they were indeed looking at this and added that they also know that conditions will be different at different locations throughout the country.

Ecosystem Overview: Jody Nelson, Lead Ecologist

Jody began the Rocky Flats portion of the presentation by noting that extreme events happen regardless of climate change. Jody shared the conclusions of the 2018 U.S. Global Change Research Program. These included:

- Climate change impacts are expected to be widely distributed across the U.S.
- Impacts will affect various regions differently
- Assessment identifies increased frequency of extreme events (including flooding, droughts, intense precipitation or windstorms, wildland fires, erosion and vegetation mortality)

Jody discussed climate model predictions for the Colorado Front Range:

- Temperatures are expected to increase by 2-6.5 degrees F by 2050
- Precipitation may or may not change
- Storm intensities are likely to increase

Jody noted that ecosystems constantly change and respond to changes in environmental conditions. Any long-term changes in the plant communities are not likely to happen quickly and may take years or decades to become evident.

Rocky Flats ecosystems may experience different implications. In wetlands ecosystems:

- Wetland plant species are dependent on water
- Under normal variability, wetland margins expand and contract
- Warmer temperatures and reduced precipitation may result in reduced wetland areas in the Central Operable Unit (COU)

- Warmer temperatures and increased precipitation may result in no change in wetland areas or perhaps a smaller decrease in area
- Decrease in wetlands could lead to shift in upland grassland areas as grasses replace wetland plant species

In riparian areas:

- Reduced water flows due to increased temperatures and decreased precipitation may result in smaller or narrower riparian areas at the site, increase in grasslands along streams, loss or reduced abundance of species adapted to drier conditions along the streams
- Increased precipitation may result in no changes or less of a change

In grassland ecosystems:

- Potential shifts in species composition
- Potential for increased weed infestations
- Potential reduction in the amount of xeric tallgrass prairie because they require more moisture
- Potential shift from cool season species to more warm season species.
- Could benefit the site by reducing abundance of smooth brome

Jody discussed the question of whether Rocky Flats could become a Dust Bowl. He said this was not likely because they have planted a diverse mix of deep-rooted native grasses, mimicking the surrounding native undisturbed prairie. They also are not plowing up the land. There is an abundance of plant material available with a wide range of tolerance and genetic variability.

Jody next discussed the increased wildland fire potential. He said this would benefit the grassland ecosystem. Grassland species are adapted to fire and need it to maintain a healthy plant community. Because fires have been extinguished in the Rocky Flats area for over 70 years, an unnaturally large accumulation of plant litter is now present, which stresses the grassland ecosystem.

Jody said climate change will probably not affect ecosystem management at the Rocky Flats site. He said these changes cannot be stopped and that Rocky Flats is just a small piece in the larger ecosystems of the Front Range. Trying to prevent ecosystem responses to climate change is not a realistic option. He said the best strategy is to continue what they are already doing. They are already addressing seed mixes with high range of tolerance and genetic variability, installing and managing erosion/sediment controls, and conducting weed control and vegetation management to maintain a diverse habitat and monitoring plant communities.

Groundwater Overview: John Boylan, Groundwater Lead

John began by explaining that any climate effects on the groundwater regime will be gradual and episodic, not sudden. Protocols and processes are in place to discuss observations and events. Groundwater volume and quality are highly variable. A network of monitoring wells adequately monitors the site. Also, CERCLA five-year review reports will continue.

John displayed a few examples of hydrographs that show how deep groundwater levels were over time, including during a drought year and wet year. He also showed a depiction of VOCs in groundwater during the same events.

Groundwater collection and treatment systems at the site are off the grid, which has forced a much deeper consideration of 'what-ifs' than might normally be the case. The site maintains a supply of replacement components to enable quick replacement. Power supplies are flexible. Designs incorporate wind loading requirements. The treatment systems are designed for flexibility and can accommodate a large range in flows. Even the existing flows are quite variable. Power systems are designed with excess capacity, and more can be added if necessary. More precipitation would be accommodated by existing design, and less precipitation would not be a problem for the systems. Also, systems are automated and can be remotely operated.

At the landfills onsite, inspections are done routinely and added based on weather conditions. The OLF has recently received structural reinforcements; the PLF has not needed reinforcement.

<u>Surface Water Overview</u>: George Squibb, Surface Water Lead

George said that the design of surface water infrastructure and management of monitoring programs have always considered the probability and effects of weather variability. Dams are not part of the CERCLA remedy and will be breached at some point in the future. They were designed to withstand extreme events by passing high flows through emergency spillways without damage.

George next spoke about functional channels onsite, which were designed to adequately convey the 100-year event runoff flows with adequate freeboard. During 2013 heavy precipitation, they sustained no damage. Surface water monitoring can measure a wide range of flow rates, including peak flow rates that are more than 1,000 times higher than the base flow. These structures can also be modified or reconstructed at moderate cost to handle larger events. Secondary automated samplers were added after the 2013 flood and trigger when the primary flow-paced sample carboy fills due to high flow rates. The monitoring network uses automated equipment that is programmable to adapt to changes in water quantity and quality.

George concluded that large-scale events of climate change will be gradual. Extreme weather events will occur regardless of overall climate trends. Adjustments will be made in accordance with the RFLMA. Quarterly, annual and five-year review reports and briefings will continue to communicate and inform stakeholders.

CERCLA Five Year Review: Lindsay Masters, CDPHE

Lindsay said she agreed with previous presenters that the Rocky Flats regulatory framework (primarily RFLMA) allows for flexibility, adaptation and change. Among the potential effects of climate change, what she's most interested in as a regulator at Rocky Flats is monitoring and keeping on top of potential changes to the water table. The RFLMA agreement is the primary way to stay on top of this. The CERCLA five-year review is another mechanism to stay involved and informed on these issues.

Shelley Stanley asked John whether he expected that groundwater modeling would capture changes to pollutant concentrations in the plumes. John said that modeling uses data they have collected, so if the

data reflected these changes, they would see it in the modeling. Shelley asked Lindsay about her comments related to possible options for updating monitoring to meet future conditions and asked whether there would be public involvement in this process. Lindsay said it would probably depend on the size and scope of the changes. David Allen asked George whether there were any immediate plans to breach the dams. George said he did not know of any specific plans, and DOE should be asked. David then asked about what the public process would be related to this. David Abelson noted that the NEPA process for these plans had already been completed and that DOE had taken local government input into account and that is probably part of the reason that the breaching has not already happened.

Deven Shaff asked what kind of additional air monitoring would be added to ensure future conditions were not leading contamination to be exposed or leave the site. George said that if information were collected in the future that indicated that air monitoring would be needed, they would address it at that time. Nancy Ford asked if there would be any air monitoring if a major fire occurs. Lindsay said air monitoring is not currently required and was not sure if any would be done during a fire, since they cannot be predicted in advance. She noted that a previous study related to past fires and models indicated that fires would not produce conditions that would be of regulatory concern. David Abelson noted that a test burn was conducted during cleanup with air monitoring; that study concluded that plutonium particles would not move very far. He noted that while prescribed burns could help prevent uncontrolled wildfires, there has been strong community opposition to this option. George noted that surface water monitoring would be very informative after a fire, even more so than air monitoring, since the transport mechanisms are connected. Trea Nance requested that the City of Westminster be kept in the loop on any plans for dam breaching, Shelley Stanley requested the same for Northglenn. Shelley asked Lindsay whether PFAS and PFOA compounds would be considered during the CERLA Five-Year review. Lindsay said yes.

<u>Public Comment on Climate Adaptation and Resilience</u>: Chris Allred referred to concerns by Dr Gale Biggs about previous air monitoring protocols at the site and suggested more needed to be done in terms of determining proper air monitoring methodologies. He asked how long DOE was planning to maintain stewardship at Rocky Flats. He said DOE used poor judgement about opening the site to the public. He also referred to the dam breaches and suggested these discussions should take place in public. David Abelson pointed out that the dam breaches have been the subject of extensive public discussions over the years. Lynn Segal spoke about her concerns about the safety of allowing people onsite at Rocky Flats.

<u>Board Roundtable</u>: Nancy Ford asked for a future discussion about DOE long-term stewardship funding issues. She also followed up on the request from Shelley Stanley to allow municipalities to access the slump report with cost and design data removed.

Big Picture/Additional Questions/Issue Identification

June 7, 2021

Business Items

Accept 2020 Financial Audit

Briefing Items

DOE Annual Report

September 13, 2021

Business Items

- Review draft 2022 work plan
- Review draft 2022 budget

Briefing Items

- DOE Quarterly Update
- Overview of CERCLA Five Year Review

November 1, 2021

Business Items

- Adopt 2022 work plan
- Adopt 2022 budget
- New member interviews

Briefing Items

• DOE Quarterly Update

Issues to watch:

- Changes at SPPTS
- Status of OLF
- Uranium exceedances in surface water
- Trichloroethylene (TCE) exceedances in groundwater
- North Walnut Creek slump

The meeting was adjourned at 11:28 am.

Respectfully submitted by Erin Rogers.

ROCKY FLATS STEWARDSHIP COUNCIL

Monday, June 7, 2021 8:30 – 10:30 AM Virtual Meeting via WebEx

Board members in attendance: Nancy Ford (Arvada), Summer Laws (Alternate, Boulder County), Sam Weaver (Director, City of Boulder), Taylor Reimann (Alternate, City of Boulder), Deven Shaff (Director, Broomfield), Heidi Henkel (Alternate, Broomfield), David Allen (Alternate, Broomfield), Jim Dale (Director, Golden), Bill Fisher (Alternate, City of Boulder), Pat O'Connell (Alternate, Jefferson County), Shelley Stanley (Alternate, Northglenn), Sophie Porcelli (Alternate, Northglenn), Mark Lacis (Director, Superior), Jan Kulmann (Director, Thornton), James Boswell (Alternate, Thornton), Rich Seymour (Alternate, Westminster), Trea Nance (Alternate, Westminster), Jeannette Hillery (Director, League of Women Voters), Linda Porter (Alternate, League of Women Voters), Kathleen Bacheller (Rocky Flats Homesteaders), Kim Griffiths (Director/Citizen)

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

Attendees: James Thompson (Sen. Bennet), Andy Keim (DOE-LM), Nicole Lachance (RSI Entech), Dana Santi (RSI Entech), John Boylan (RSI Entech), George Squibb (RSI Entech), John Boylan (RSI Entech), Harry Bolton (RSI Entech), Jody Nelson (RSI Entech), Padraic Benson (RSI Entech), Patti Gallo (RSI Entech), Ryan Wisniewski (RSI Entech), Luke Carelo (RSI Entech), Faith Anderson (RSI Entech), Lindsey Archibald (CDPHE), Lindsey Murl (CDPHE), Cathy Shugarts (Westminster), Lynn Segal, Neshama Abraham, Giselle Hertzfeld, Eric Barnes (Fiscal Focus Partners), Heather Pruitt (Fiscal Focus Partners)

<u>Convene/Agenda Review</u>: Jan Kulmann convened the meeting at 8:30 am. She noted that the Executive Committee met to discuss today's agenda.

<u>Public Comment</u>: Lynn Segal said that she had difficulty accessing the Webex meeting. She opposes disturbing the soil at Rocky Flats and allowing visitors onsite. Giselle Hertzfeld said she was a youth activist. She said she was opposed to public use of Rocky Flats and thought corners had been cut during cleanup. She also said she would like to see a great deal of discussion regarding the future dam breaches.

Consent Agenda: The consent agenda included the checks written since the May 3, 2021, meeting.

<u>Kim Griffiths moved to approve consent agenda. The motion was seconded by Jeannette Hillery. The</u> motion passed 12-0.

Executive Director's Report:

David announced that September's meeting will likely be virtual and there would be time set aside to discuss future in-person versus virtual meetings at that point.

Regarding the future dam breaching, the Rocky Flats site manager, Andy Keim, DOE's site manager, will be updating the Board later in the meeting. He added that when this issue first came up around 2009, the Stewardship Council agreed that the Standley Lake communities of Westminster, Thornton and Northglenn, along with Broomfield, would take the lead on this issue. He said the there was no risk to

the drinking water of those communities because there is no hydrologic connection between Rocky Flats and their drinking water sources.

David said that the President's budget for next year proposes an increase to the DOE-LM budget, based on the possible inclusion of new properties in the program. Because of this, there are no funding concerns for Rocky Flats.

David shared that EPA had awarded safe reuse awards, including one for Rocky Flats. These awards were for model reuse of contaminated sites.

David concluded by touching on a statement made by Giselle that had been brought up many times over the years. She had noted that the original cleanup estimate for Rocky Flats was 70 years and \$35 billion and posited that because the actual cost and timeframe was much lower, that a lower level of cleanup had been completed. David pointed out that the initial estimate was not an estimate of cleanup costs, but rather was based largely on continued maintenance costs to keep the site in a stable configuration for that time horizon.

Receive Stewardship Council 2020 Financial Audit: David Abelson introduced a review of the Board's 2020 audit. He explained that the Stewardship Council is not required by either state law or the DOE grant to secure an audit. However, the Board has always operated according to a belief that an independent audit is an important check that confirms both the Board and staff are managing the finances in accordance with applicable laws and regulations.

Eric Barnes and Heather Pruitt with Fiscal Focus Partners were here to present the audit to the Board and answer any questions. Heather began by summarizing that the audit resulted in a 'clean opinion', as it had each year. Heather explained that their work involved obtaining an understanding of the Board's financial processes and then to develop tests to get to level of assurance on balances. She noted that the Board's processes were working as intended. The Stewardship Council was complying with all applicable laws and regulations.

<u>Jeannette Hillery moved to accept the Stewardship Council 2020 Financial Audit. The motion was seconded by Sam Weaver. The motion passed 13-0.</u>

Host DOE Annual Meeting

DOE was on hand to brief the Board regarding on the 2020 Annual Report. Annual Reports are required as part of the Rocky Flats Legacy Management Agreement (RFLMA) to document that the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) remedy continues to be protective of people and the environment. The Stewardship Council was previously briefed on the first, second and third quarters of 2020. The full report is posted on the Rocky Flats website.

The Rocky Flats Site remedy components include:

- Maintain two landfill covers
- Maintain three groundwater treatment systems
- Monitor surface water and groundwater
- Maintain physical controls

- Signage
- Access restriction
- Institutional controls
 - No occupied building construction
 - Excavation and soil-disturbance restrictions
 - No surface water consumption or agricultural use
 - No groundwater wells, except for monitoring
 - o Protection of landfill covers and engineered remedy components

Activities included surface water monitoring, groundwater monitoring, ecological monitoring, and site operations (inspections, maintenance, etc.).

Surface Water Monitoring – George Squibb

George began with a quick review of the COVID-19 Minimum Safe Operations protocols that were used throughout much of the year. He then summarized the monitoring requirements and map of locations and monitoring sites, noting the list of constituents which are monitored for.

At the Original Landfill (OLF) on Woman Creek, quarterly concentrations for all analytes were below applicable RFLMA standards during all of 2020.

At the Present Landfill (PLF):

- Quarterly sample results for the first, second, and third quarters showed arsenic concentrations above the RFLMA water quality standard of 10 ug/L
- According to RFLMA evaluation protocols, each result triggered an increase in sampling frequency from quarterly to monthly during these quarters
- For each quarter, the first monthly sample result showed an arsenic concentration below the RFLMA standard, and sampling frequency returned to quarterly
- For all other monitored constituents during all of 2020, concentrations were below the applicable RFLMA standards

Finally, George reported that no RFLMA Point of Compliance (POC) or Point of Evaluation (POE) analyte concentrations were reportable during 2020.

Jim Dale asked George about the source of the arsenic contamination and whether it was being seen in other drainages. George said it was naturally occurring in the soil.

Groundwater Monitoring – John Boylan

John first reviewed the RFLMA monitoring network, which includes:

- No changes in 2020
- 10 Resource Conservation and Recovery Act (RCRA) wells (sampled quarterly to evaluate potential impacts from OLF and PLF)
- 9 Area of Concern (AOC) wells and one Surface Water Support location (sampled semiannually).
 These are located in drainages downstream of contaminant plumes and are evaluated for plumes discharging to surface water.

- 27 Sentinel wells (sampled semiannually). These are downgradient of treatment systems, edges of plumes, and in drainages, and are used to look for plumes migrating to surface water and treatment system problems.
- 42 evaluation wells (sampled biennially). These are located within plumes, near source areas, and interior of Central Operable Unit (COU) and are used to evaluate whether monitoring of an area or plume can cease.
- 9 treatment system locations (seven are sampled semiannually, and two are quarterly).

During 2020, all wells were sampled and results were generally consistent with previous data. Several locations were dry when visited for sampling.

- Second and fourth quarters: two wells that are often or usually dry
- Fourth quarter: six other locations that are not usually dry
- AOC well 10304 in 2020 was not reportable for trichloroethene (TCE)
 - Exceeded the 2.5 ug/L RFLMA standard for TCE in second quarter but not fourth quarter
 - Second quarter: 3.9 ug/L
 - Fourth quarter: 2.3 ug/L
 - Modeling predicted higher TCE in this area following wet years
 - See Consultation Posting 010819, Contact Record 2015-10, annual reports for 2015 and 2018
- Woman Creek location SW10200 was not sampled in 2020
- Evaluation well 33502 produced water with unusually low concentrations of VOCs
 - Monitors Vinyl Chloride Plume source area
 - Samples typically contain vinyl chloride and cis-1,2-dichloroethene at concentrations of several hundred to thousands of ug/L
 - Second-quarter results were single-digit ug/L
 - Collected follow-up sample in third quarter to confirm (not a RFLMA requirement)
 - Concentrations in this sample were even lower
 - Natural biodegradation is the reason elevated concentrations of these VOCs are detected here
 - May be a factor in lower concentrations observed in these samples
 - Did not see similar decreases in nearby wells
 - Additional data from well 33502 may help to identify cause(s)

John also reported on the results of statistical evaluations of OLF and PLF data:

- Comparisons of downgradient water quality with upgradient water quality
 - Results: identical or nearly so to results in previous years
- Look at whether downgradient groundwater shows increasing concentration trends
 - Results: also, nearly identical to results in previous years. Only difference was at PLF: boron is no longer calculated to be on an increasing trend in one of the wells (for 2019, calculated to be increasing in all three downgradient wells)
- None of the constituents identified in these statistical evaluations are volatile organic compounds (VOCs) or semi-volatile organic compounds (SVOCs)
- Also identified decreasing trends in downgradient groundwater and increasing trends in upgradient groundwater
- See the 2020 annual report for more details

In addition to RCRA wells, the site performed statistical trending calculations for Sentinel and Evaluation wells:

- As in other years, identified numerous concentration trends, both increasing and decreasing
- Statistical evaluations followed two different approaches
 - Same as in 2018 and 2019 annual reports
 - Differences in how non-detects are treated
 - "Conventional" approach is the same as has been used since pre-closure era
 - "Alternate" approach focuses on data collected starting in 2009, for constituents detected in at least 40% of the samples from a given well
 - Results from both approaches are summarized in the text of the report and presented fully in an appendix

John noted that the primary groundwater treatment systems continued to remove contaminants. In summary:

- Total flow at each system in 2020 was less than calculated annual average for post-closure years
- East Trenches Plume Treatment System (ETPTS)
 - Met all treatment objectives for both collection/treatment systems (Mound and East Trenches)
- Solar Ponds Plume Treatment System (SPPTS)
 - o Met nitrate treatment objectives except for a couple instances in January
 - Removed approximately 30% of the uranium
 - At performance monitoring location GS13, average uranium concentration was approximately 9.4 ug/L (RFLMA standard is 16.8 ug/L)

Other activities in 2020 included:

- Continued evaluating SPPTS path forward for uranium treatment
 - Preparing procurement package
 - Field-based testing and design
 - Leading to construction of full-scale uranium treatment component
- Installed drain in open-bottomed vault at SPPTS to protect equipment
- Installed additional piezometer to evaluate slump east of SPPTS (North Walnut Creek Slump)
- Installed line of piezometers west of SPPTS groundwater collection trench
 - Evaluate groundwater in an area that was not accessible when SPPTS was built
- Repaired water transfer line from MSPCS to ETPTS
 - Replaced poorly-constructed cleanouts with new molded pieces
 - Replaced covers over cleanouts with stronger units to help protect against future damage from elk
- Replaced batteries at ETPTS
 - Replaced 96 lead-acid batteries with eight lithium-iron-phosphate batteries that have a much longer service life
 - Also replaced several electrical components and rewired power system for better operation
 - Replaced solar panels that had cracked glass

John concluded by reviewing the big-picture results since the site closed:

Overall groundwater quality in and downgradient of source areas has not changed dramatically

Treatment systems are collecting and treating more contaminated groundwater

David Abelson asked John about his slide #17. He wanted more information about whether the increase in TCE shown on the graph was more closely related to the 2013 flood event or the 2015 wet spring, or a combination of both. John said he could not say whether it was more strongly related to one or both of these events. George Squibb noted that the 2015 event was spread out over a much longer timeframe, and this may have been a stronger forcing mechanism than the flood. John added that monitoring also confirmed that there was no impact on surface water from the TCE exceedances. David Allen asked whether there could be a delay in seeing any impacts from the groundwater exceedances in the surface water. John said there would be a delay, but that the surface water in this case was monitored for over four years, which should have been enough time to see any impacts.

Site Operations – Harry Bolton

Harry reviewed the Site Operations activities for 2020, beginning with RFLMA-required physical controls. Signs were inspected quarterly and reattached or replaced as needed.

Additional inspections and records confirmations included:

- Restrictive Notice (formerly the Environmental Covenant)
 - Confirmed in Administrative Record and on file in Jefferson County records (March 16, 2020)
- Annual site inspection was completed on May 31, 2020
 - o No evidence of violations of institutional or physical controls was observed
 - No adverse biological conditions were noted
- Former building areas (B371, B771, B881, and B991) were inspected as a Best Management Practice, in addition to their inclusion in the annual site inspection
- Filled a small depression at B881 in November
 - Approximately 3-foot diameter and 3-foot depth
 - o Identified during December 2019 inspection

Site operations also included the performance of quarterly and weather-related inspections of the PLF:

- Landfill in good condition; no significant issues identified
- Vertical settling at settlement monuments was within design limits

At the OLF, stabilization project field activities were completed in August 2020:

- 267 tie anchors installed along 13 anchor rows (seven on east side, six on west side)
- Permanent drains were installed, eliminating the need to operate pumps in the temporary groundwater intercept (GWI) wells installed previously
- The siphon system installed at Seep 10 in 2018 was replaced with a permanent drain
- The 2-foot-thick soil cover was reestablished, disturbed areas were revegetated, and erosion controls were installed in affected areas

Harry next provided an update on the North Walnut Creek Slump:

- Visual observations made weekly except during MinSafe restrictions
- Slump monitoring points surveyed monthly as a best management practice
 - Visual observations and monitoring data show slope creep
 - Greater movement during wetter periods

- Additional geotechnical investigation fieldwork completed in September
 - Four additional geotechnical borings three completed as inclinometers and one completed as a piezometer
- Data will be incorporated into the previous slope stability evaluation to provide a more comprehensive hillside stabilization evaluation

Harry provided a few other miscellaneous updates:

- Test pits to supplement piezometers near SPPTS Collection Trench and Interceptor Trench System
- Site roads were regraded and dust suppressant applied to the primary routes (November); a few other spots repaired
- Site erosion controls monitored and maintained.

David Allen asked about investigations into the North Walnut Creek slump and whether the site would be gathering additional information or just looking at existing data. Harry said they want to understand the slope movement through inclinometer data and understand if preferential pathways from abandoned infrastructure are present, as well as ways to enhance the collection of water. David asked what the timing is for the analysis. Harry did not have a specific timeline, but they are looking at their ability to protect existing remedy systems. David said he was concerned about potential damage to the Solar Ponds treatment collection system and thought time was of the essence. Jim Dale asked what dust treatment materials were used. Harry said it was called Durablend, which is part magnesium chloride.

Site Ecology – Jody Nelson

Jody reported on vegetation management activities. Approximately five acres were treated by spot spraying with herbicide in 2020. Approximately 20 acres were revegetated in 2020, most of which was associated with the OLF stabilization project.

Several ecological monitoring activities took place throughout the year, including:

- Revegetation monitoring
 - o 17 areas monitored
 - Nine areas continue to meet success criteria
 - Eight areas were newer revegetation areas
- Preble's meadow jumping mouse mitigation monitoring
 - Habitat continues to establish at mitigation locations
- Wetland mitigation monitoring
- Forb nursery monitoring
- Wildflowers continue to establish and spread

Wildlife monitoring in 2020 included:

- Prairie dog monitoring
 - No active prairie dog towns within the COU
- Nest boxes
 - o Five of 25 nest boxes were active in 2020 (tree swallows and house wrens)
 - Others had evidence of activity
- Raptor nests

- No active raptor nests were observed in 2020 in the COU
- Elk
- Approximately 230 elk in early 2020

Heidi Henkel asked Jody what the success criteria were for revegetation activities. Jody said these included a certain amount of total cover, a certain percentage of noxious weeds, etc. He said the specific criteria could be found in the revegetation plan on the Rocky Flats website.

Dam Breach – Andy Keim

Andy Keim next provided an update on future dam breaching plans. He began by explaining that the dams are not needed to meet the site's cleanup obligations. He said DOE has planned to remove the dams since before the site was closed. There were originally 12 dams and now there are three. Reasons for breaching the dams include reducing maintenance and monitoring of aging structures, reducing evaporative losses due to impounded water, and returning the site to natural surface water configurations. All three dams have operated in flow-through conditions for 10 years, simulating water quality of breached dams. DOE intends to complete the breaching of the dams, pending schedule and budget availability. Currently, dam breaching is scheduled for 2024 and 2025. As part of the process, DOE will perform a refresh of the 2011 NEPA Environmental Assessment, which will include a public involvement process.

Jan Kulmann said she met with DOE recently as part of federal lobbying. She said that dam breaching was considered a low priority and very likely to be pushed out even further. Deven Shaff asked what criteria would be involved in deciding whether to push out. Andy said it would be based on funding priorities, which are based on maintaining and updating remedy components.

Board Roundtable: There were no updates.

Big Picture/Additional Questions/Issue Identification: David brought up the issue of the resumption of in-person meetings. He noted there were both pros and cons to meeting virtually and meeting inperson. He asked for input from the Board. Jan Kulmann said she much preferred in-person meetings and would like to resume after the September meeting. Jim Dale said he would like to continue online until 2022. Heidi Henkel said she preferred in-person and would like to start as soon as feasible. Deven Shaff suggested looking at hybrid options. David Abelson said they were looking at options but had not found a room that could accommodate a Board of this size for audio and video feeds. Pat O'Connell said Jefferson County will be acquiring this sort of technology. David Abelson said he would keep in touch with Pat about this option.

September 13, 2021

Business Items

- Review draft 2022 work plan
- Review draft 2022 budget
- Resumption of in-person meetings

Briefing Items

• DOE Quarterly Update

November 1, 2021

Business Items

- Adopt 2022 work plan
- Adopt 2022 budget
- New member interviews

Briefing Items

- DOE Quarterly Update
- Overview of CERCLA Five Year Review

Issues to watch:

- Changes at SPPTS
- Status of OLF
- Uranium exceedances in surface water
- Trichloroethylene (TCE) exceedances in groundwater
- North Walnut Creek slump

The meeting was adjourned at 10:36 am.

Respectfully submitted by Erin Rogers.

Rocky Flats Stewardship Council Check Detail 2021

May 13 through August 28, 2021

Туре	Num	Date	Name	Account	Paid Amount	Original Amount
Check		05/31/2021		CASH-Wells Fargo-Operating		-3.50
				Admin Services-Misc Services	-3.50	3.50
TOTAL					-3.50	3.50
Check		06/30/2021		CASH-Wells Fargo-Operating		-3.50
				Admin Services-Misc Services	-3.50	3.50
TOTAL					-3.50	3.50
Bill Pmt -Check	2097	06/07/2021	Crescent Strategies, LLC	CASH-Wells Fargo-Operating		-8,105.71
Bill	5/31/21	05/31/2021		Personnel - Contract	-7,750.00	7,750.00
				TRAVEL-Local Postage	-12.32 -17.99	12.32 17.99
				Telecommunications	-110.00	110.00
				Admin Services-Misc Services	-215.40	215.40
TOTAL					-8,105.71	8,105.71
Bill Pmt -Check	2098	06/07/2021	Jennifer A. Bohn	CASH-Wells Fargo-Operating		-470.00
Bill	21-30	05/31/2021		Accounting Fees	-470.00	470.00
TOTAL					-470.00	470.00
Bill Pmt -Check	2099	06/07/2021	Seter & Vander Wall, P.C.	CASH-Wells Fargo-Operating		-1,579.01
Bill Bill	82179 82287	04/30/2021 05/31/2021		Attorney Fees Attorney Fees	-289.01 -1,290.00	289.0° 1,290.00
TOTAL	02201	00/01/2021		,	-1,579.01	1,579.0
Check	2100	06/07/2021	Century Link	CASH-Wells Fargo-Operating		-28.7
				Telecommunications	-28.71	28.7
TOTAL					-28.71	28.7
Check	2101	07/11/2021	Century Link	CASH-Wells Fargo-Operating		-29.1
				Telecommunications	-29.17	29.1
TOTAL					-29.17	29.1
Bill Pmt -Check	2102	07/11/2021	Crescent Strategies, LLC	CASH-Wells Fargo-Operating		-8,928.1
Dill	6/30/21	06/30/2021		Personnel - Contract	-7,750.00	7,750.0
Bill	6/30/21	06/30/2021		TRAVEL-Local	-12.32	12.3
				Postage	-17.99	17.9
				Telecommunications Subscriptions/Memberships	-110.00 -550.00	110.0 550.0
				TRAVEL-Out of State	-487.80	487.8
TOTAL					-8,928.11	8,928.1
Bill Pmt -Check	2103	07/11/2021	Energy Communities Alliance	CASH-Wells Fargo-Operating		-950.0
Bill		06/29/2021		Subscriptions/Memberships	-950.00	950.0
TOTAL					-950.00	950.0
Bill Pmt -Check	2104	07/11/2021	Erin Rogers	CASH-Wells Fargo-Operating		-675.0
Bill	2/28/21	04/01/2021		Personnel - Contract	-200.00	
	6/40/000	06/40/0004		Website Personnel - Contract	-50.00 -225.00	50.0 225.0
Bill	6/19/202	06/19/2021		Website	-50.00	50.0
				Personnel - Contract	-150.00	150.0

Rocky Flats Stewardship Council Check Detail 2021

May 13 through August 28, 2021

Туре	Num	Date	Name	Account	Paid Amount	Original Amount
TOTAL					-675.00	675.00
Bill Pmt -Check	2105	07/11/2021	Jennifer A. Bohn	CASH-Wells Fargo-Operating		-270.00
Bill	21-43	06/30/2021		Accounting Fees	-270.00	270.00
TOTAL					-270.00	270.00
Bill Pmt -Check	2106	07/11/2021	Seter & Vander Wall, P.C.	CASH-Wells Fargo-Operating		-957.05
Bill	82394	06/30/2021		Attorney Fees	-957.05	957.05
TOTAL					-957.05	957.05
Check	2107	08/03/2021	Century Link	CASH-Wells Fargo-Operating		-41.15
				Telecommunications Telecommunications	-28.15 -13.00	28.15 13.00
TOTAL					-41.15	41.15
Bill Pmt -Check	2108	08/03/2021	Crescent Strategies, LLC	CASH-Wells Fargo-Operating		-7,979.91
Bill	7/31/202	07/31/2021		Personnel - Contract TRAVEL-Local Postage Telecommunications Subscriptions/Memberships	-7,750.00 -17.92 -17.99 -110.00 -84.00	7,750.00 17.92 17.99 110.00 84.00
TOTAL					-7,979.91	7,979.91
Bill Pmt -Check	2109	08/03/2021	Jennifer A. Bohn	CASH-Wells Fargo-Operating		-360.00
Bill	21-46	07/31/2021		Accounting Fees	-360.00	360.00
TOTAL					-360.00	360.00

ROCKY FLATS STEWARDSHIP COUNCIL

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(303) 412-1200

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

MEMORANDUM

TO: Stewardship Council Board of Directors

FROM: Melissa Weakley

SUBJECT: DOE's Quarterly Report (Q1 2021) Briefing

DATE: August 31, 2021

DOE will present an overview of remedy-related surveillance, monitoring, and maintenance activities conducted at Rocky Flats during the first quarter (January 1 to March 31) of calendar year 2021. The full report can be accessed here: https://www.lm.doe.gov/Rocky Flats/S35048 1Q21 RFS.pdf.

Quarterly Report Summary

- **Present Landfill (PLF)**: The PLF quarterly inspection was conducted on March 1. No issues were identified.
- Original Landfill (OLF): The OLF monthly inspections were conducted on January 22, February 24, and March 26.
 - During the January inspection, DOE found several sections of coconut erosion matting had been displaced by high winds. Repairs were made in February and March.
 - During the February inspection, DOE noted tears in coconut erosion matting, caused by elk traffic. Wood straw was placed at areas more susceptible to potential erosion.
 - The March inspection was combined with a weather-related inspection due to sudden snowmelt from a 10-inch mid-March precipitation event. More than 25 erosion rills (25 feet long and 1 foot wide) were noted on the east side of the OLF, outside of the waste footprint. The rills, caused by snowmelt, were repaired in early April.

• 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 moved 0.7 inches on average.
 The hillside has moved a total of 3 to 4.5 feet along the scarp since the hillside was regraded in 2017.
- Soils are also heaving along the toe of the slope because of the scarp's continued movement.

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

 Routine maintenance of all four systems was performed. No significant issues were noted.
- **Groundwater Treatment System Monitoring:** Routine quarterly effluent samples were collected from the Present Landfill Treatment System on January 7, 2021.
 - All analyte concentrations in the effluent samples were below applicable standards for the quarter.
- **Groundwater Monitoring:** Groundwater samples were collected and analyzed from 10 locations (see attached Monitoring Location figure). Results were generally consistent with previous data and will be evaluated as part of the annual report for 2021.
- **Surface Water Monitoring:** A total of 19 composite samples, 10 grab samples, and 14 treatment system grab samples were collected and analyzed (see attached Monitoring Location figure).
 - All analyte concentrations at RFLMA Point of Evaluation (POE) locations GS10, SW027, and SW093 remained below reportable condition levels throughout the quarter. [NOTE: The reportable conditions at POEs SW027 and GS10, as reported to the Board in June, were measured in the second quarter and will be discussed in DOE's next quarterly report.]
 - All analyte concentrations at RFLMA Point of Compliance locations WALPOC and WOMPOC also remained below reportable condition levels throughout the quarter.

Attachments

Q1 2021 Report Cover Page, Table of Contents, and Abbreviations Rocky Flats Site Water Monitoring Locations Analytical Results for Water Samples



Rocky Flats Site, Colorado, Quarterly Report of Site Surveillance and Maintenance Activities First Quarter, Calendar Year 2021

July 2021



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Appendixes

- Appendix A Landfill Inspection Forms and Survey Data, First Quarter 2021
- Appendix B Analytical Results for Water Samples, First Quarter 2021

Abbreviations

Am americium

AMP Adaptive Management Plan

AOC Area of Concern

BMP best management practice

CAD/ROD Corrective Action Decision/Record of Decision

COU Central Operable Unit

CY calendar year

DOE U.S. Department of Energy

ETPTS East Trenches Plume Treatment System

IC institutional control

LM Office of Legacy Management

mg/L milligrams per liter $\mu g/L$ micrograms per liter

MSPCS Mound Site Plume Collection System
MSPTS Mound Site Plume Treatment System

N nitrogen

OLF Original Landfill
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

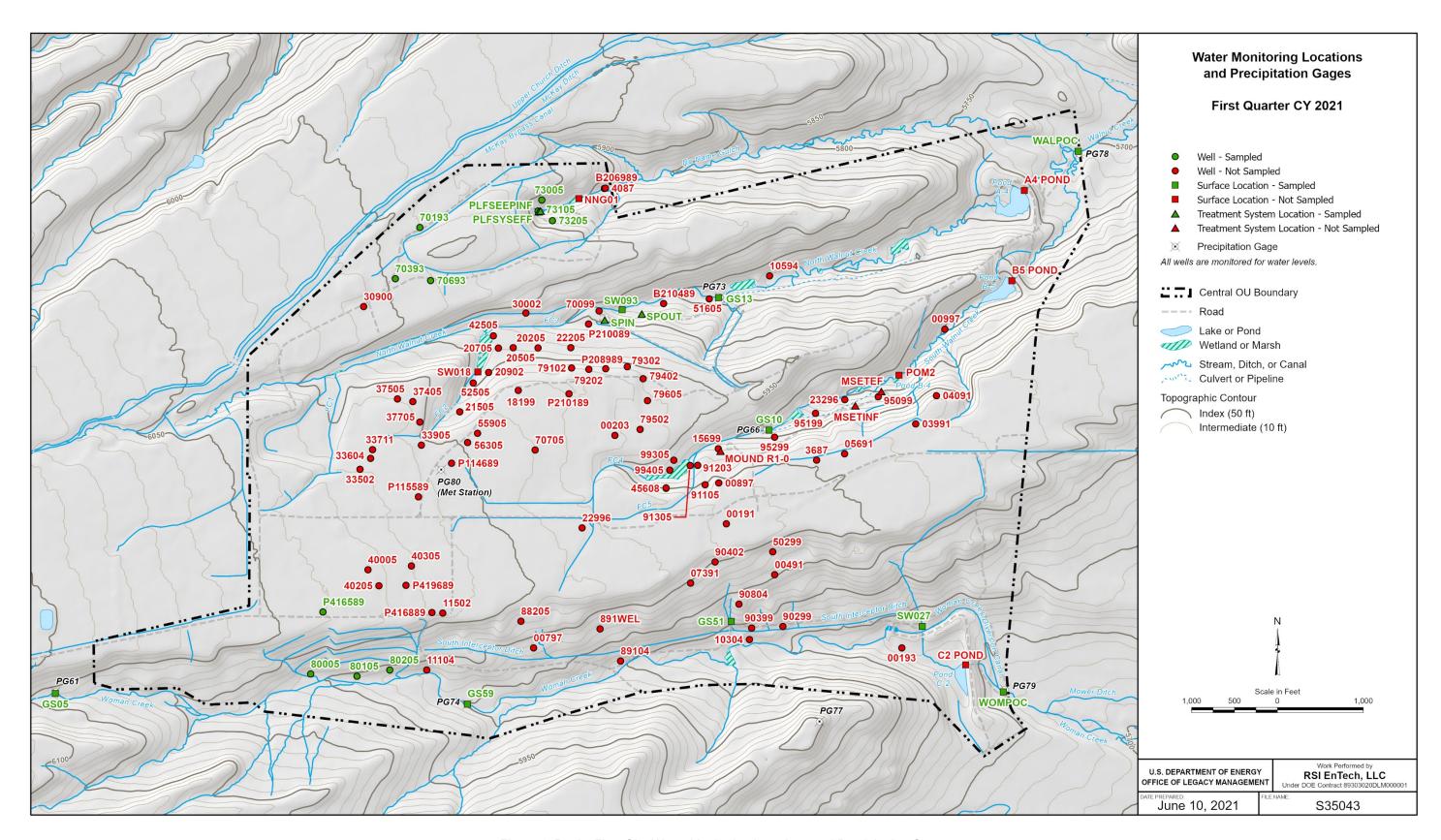


Figure 1. Rocky Flats Site Water Monitoring Locations and Precipitation Gages

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	1/21/2021	RFS01-10.2101035-001	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	7440-38-2	Arsenic	Y	0.33	ug/L	U	F	0.33		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	7440-41-7	Beryllium	Y	0.08	ug/L	U	F	0.08		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	7440-42-8	Boron	Y	19	ug/L	J	F	4.4		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	7440-47-3	Chromium	Υ	0.5	ug/L	U	F	0.5		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	7440-50-8	Copper	Υ	0.56	ug/L	U	F	0.56		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	7439-92-1	Lead	Υ	0.18	ug/L	U	F	0.18		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	7439-97-6	Mercury	Υ	0.027	ug/L	UW	F	0.027		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	7440-02-0	Nickel	Υ	0.3	ug/L	U	F	0.3		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	7782-49-2	Selenium	Υ	5.3	ug/L		F	0.37		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	7440-22-4	Silver	Υ	0.035	ug/L	J	F	0.033		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	7440-61-1	Uranium	Υ	0.12	ug/L		F	0.05		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
70193	WL	1/21/2021	RFS01-10.2101035-001	7440-66-6	Zinc	Y	2	ug/L	U	F	2		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	71-55-6	1,1,1-Trichloroethane	N	0.51	ug/L	J	F	0.16		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	75-35-4	1,1-Dichloroethene	N	1.6	ug/L		F	0.23		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	7440-38-2	Arsenic	Y	0.33	ug/L	U	F	0.33		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	7440-41-7	Beryllium	Y	0.24	ug/L	J	F	0.08		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	7440-42-8	Boron	Y	7.5	ug/L	J	F	4.4		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		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	1/21/2021	RFS01-10.2101035-002	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	7440-47-3	Chromium	Υ	0.5	ug/L	U	F	0.5		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	7440-50-8	Copper	Υ	0.56	ug/L	U	F	0.56		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	7439-92-1	Lead	Υ	0.18	ug/L	U	F	0.18		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	7439-97-6	Mercury	Υ	0.027	ug/L	U	F	0.027		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	7440-02-0	Nickel	Υ	1.4	ug/L	J	F	0.3		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	7782-49-2	Selenium	Υ	1.2	ug/L	J	F	0.37		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	7440-22-4	Silver	Υ	0.033	ug/L	U	F	0.033		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	127-18-4	Tetrachloroethene	N	1.2	ug/L		F	0.2		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	79-01-6	Trichloroethene	N	6.4	ug/L		F	0.16		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	7440-61-1	Uranium	Υ	0.11	ug/L		F	0.05		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
70393	WL	1/21/2021	RFS01-10.2101035-002	7440-66-6	Zinc	Υ	2	ug/L	U	F	2		FQ	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	75-35-4	1,1-Dichloroethene	N	1.3	ug/L		F	0.23		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	7440-38-2	Arsenic	Υ	0.33	ug/L	U	F	0.33		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	7440-41-7	Beryllium	Υ	0.08	ug/L	U	F	0.08		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	7440-42-8	Boron	Υ	28	ug/L	J	F	4.4		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	7440-43-9	Cadmium	Υ	0.27	ug/L	U	F	0.27		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	7440-47-3	Chromium	Y	0.5	ug/L	U	F	0.5		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	7440-50-8	Copper	Y	0.56	ug/L	U	F	0.56		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	7439-97-6	Mercury	Y	0.027	ug/L	U	F	0.027		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	7440-02-0	Nickel	Y	0.63	ug/L	J	F	0.3		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	7782-49-2	Selenium	Y	0.71	ug/L	J	F	0.37		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	7440-22-4	Silver	Y	0.033	ug/L	J	F	0.033		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	127-18-4	Tetrachloroethene	N	0.47	ug/L	J	F	0.2		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		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	1/21/2021	RFS01-10.2101035-003	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	79-01-6	Trichloroethene	N	2.2	ug/L		F	0.16		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	7440-61-1	Uranium	Y	0.05	ug/L	U	F	0.05		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		F	G	STD
70693	WL	1/21/2021	RFS01-10.2101035-003	7440-66-6	Zinc	Y	2	ug/L	U	F	2		F	G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004	7440-38-2	Arsenic	Y	0.33	ug/L	U	F	0.33		FQ	G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004	7440-41-7	Beryllium	Y	0.08	ug/L	U	F	0.08		FQ	G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004	7440-42-8	Boron	Y	41	ug/L		F	4.4		FQ	G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27		FQ	G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004	7440-47-3	Chromium	Y	1.3	ug/L	J	F	0.5		FQ	G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004	7440-50-8	Copper	Y	0.7	ug/L	J	F	0.56		FQ	G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18		FQ	G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004	7439-97-6	Mercury	Y	0.027	ug/L	U	F	0.027		FQ	G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004	7440-02-0	Nickel	Y	1.9	ug/L	J	F F	0.3		FQ	G	STD
73005 73005	WL WL	1/20/2021	RFS01-10.2101035-004	7782-49-2	Selenium Silver	Y	7.4	ug/L	11	F	0.37 0.033		FQ FQ	G G	STD STD
		1/20/2021	RFS01-10.2101035-004	7440-22-4			0.033	ug/L	U	F					
73005 73005	WL WL	1/20/2021	RFS01-10.2101035-004	100-42-5	Styrene	N N	0.36	ug/L	U	F	0.36		FQ FQ	G G	STD STD
		1/20/2021	RFS01-10.2101035-004	127-18-4	Tetrachloroethene		0.2	ug/L		F					STD
73005 73005	WL WL	1/20/2021 1/20/2021	RFS01-10.2101035-004 RFS01-10.2101035-004	108-88-3 1330-20-7	Toluene Total Xylenes	N N	0.17 0.19	ug/L	U	F	0.17 0.19		FQ FQ	G G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004 RFS01-10.2101035-004	156-60-5	trans-1,2-Dichloroethene	N N	0.19	ug/L ug/L	U	F	0.19		FQ FQ	G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004 RFS01-10.2101035-004	79-01-6	Trichloroethene	N N	0.15	ug/L ug/L	U	F	0.15		FQ FQ	G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004	79-01-6	Uranium	Y	40	ug/L ug/L	U	F	0.16		FQ FQ	G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004 RFS01-10.2101035-004	75-01-4	Vinyl chloride	N N	0.1	ug/L ug/L	U	F	0.05		FQ FQ	G	STD
73005	WL	1/20/2021	RFS01-10.2101035-004	7440-66-6	Zinc	N Y	U.1	ug/L ug/L	U	F	0.1		FQ FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-004	71-55-6	1,1,1-Trichloroethane	N N	0.16	ug/L ug/L	U	F	0.16		FQ FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	79-34-5	1,1,2,2-Tetrachloroethane	N N	0.16	ug/L ug/L	U	F	0.16		FQ FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	79-34-3	1,1,2-Trichloroethane	N N	0.21	ug/L ug/L	U	F	0.21		FQ FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	75-35-4	1,1-Dichloroethene	N N	0.27	ug/L ug/L	U	F	0.27		FQ FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	120-82-1	1,2,4-Trichlorobenzene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	95-50-1	1,2-Dichlorobenzene	N	0.21	ug/L ug/L	U	F	0.15		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	107-06-2	1.2-Dichloroethane	N	0.13	ug/L ug/L	U	F	0.13		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	78-87-5	1,2-Dichloropropane	N	0.13	ug/L ug/L	U	F	0.13		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	541-73-1	1,3-Dichlorobenzene	N	0.18	ug/L ug/L	U	F	0.13		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	106-46-7	1,4-Dichlorobenzene	N	0.15	ug/L	U	F	0.16		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	7440-38-2	Arsenic	Y	0.10	ug/L ug/L	U	F	0.10		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	71-43-2	Benzene	N N	0.33	ug/L	U	F	0.16		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	7440-41-7	Beryllium	Y	0.10	ug/L	Ü	F	0.08		FQ	G	STD
73103	V V L	1/22/2021	11. 301-10.2101033-003	1	Dorymani	'	0.00	ug/L	J	'	0.00	1	1 4		010

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER- TAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
73105	WL	1/22/2021	RFS01-10.2101035-005	7440-42-8	Boron	Υ	130	ug/L		F	4.4		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	7440-43-9	Cadmium	Υ	0.27	ug/L	U	F	0.27		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	7440-47-3	Chromium	Υ	0.5	ug/L	U	F	0.5		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	7440-50-8	Copper	Υ	0.56	ug/L	U	F	0.56		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	7439-92-1	Lead	Υ	0.18	ug/L	U	F	0.18		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	7439-97-6	Mercury	Υ	0.027	ug/L	U	F	0.027		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	7440-02-0	Nickel	Y	3.1	ug/L		F	0.3		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	7782-49-2	Selenium	Y	0.37	ug/L	U	F	0.37		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	7440-22-4	Silver	Y	0.033	ug/L	U	F	0.033		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	7440-61-1	Uranium	Υ	19	ug/L		F	0.05		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
73105	WL	1/22/2021	RFS01-10.2101035-005	7440-66-6	Zinc	Υ	2.3	ug/L	J	F	2		FQ	G	STD
73205	WL	1/21/2021	RFS01-10.2101035-006	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
73205	WL	1/21/2021	RFS01-10.2101035-006	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
73205	WL	1/21/2021	RFS01-10.2101035-006	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
73205	WL	1/21/2021	RFS01-10.2101035-006	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
73205	WL	1/21/2021	RFS01-10.2101035-006	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
73205	WL	1/21/2021	RFS01-10.2101035-006	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
73205	WL	1/21/2021	RFS01-10.2101035-006	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
73205	WL	1/21/2021	RFS01-10.2101035-006	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
73205	WL	1/21/2021	RFS01-10.2101035-006	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
73205	WL	1/21/2021	RFS01-10.2101035-006	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
73205	WL	1/21/2021	RFS01-10.2101035-006	7440-38-2	Arsenic	Y	0.44	ug/L	J	F	0.33		FQ	G	STD
73205	WL	1/21/2021	RFS01-10.2101035-006	71-43-2	Benzene	N V	0.16	ug/L	U	F	0.16		FQ FO	G	STD
73205	WL	1/21/2021	RFS01-10.2101035-006	7440-41-7	Beryllium	Y	0.08	ug/L	U	F	0.08		FQ FO	G	STD
73205	WL	1/21/2021	RFS01-10.2101035-006	7440-42-8	Boron	Y	73	ug/L		F	4.4		FQ FO	G	STD
73205	WL	1/21/2021	RFS01-10.2101035-006	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ FO	G	STD
73205	WL	1/21/2021	RFS01-10.2101035-006	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27		FQ	G	STD
73205	WL	1/21/2021	RFS01-10.2101035-006	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F F	0.19		FQ FO	G	STD
73205	WL	1/21/2021	RFS01-10.2101035-006	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ FO	G	STD
73205	WL	1/21/2021	RFS01-10.2101035-006	67-66-3	Chloroform	N	0.16	ug/L	U		0.16		FQ	G	STD
73205	WL	1/21/2021	RFS01-10.2101035-006	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ FO	G	STD
73205	WL	1/21/2021	RFS01-10.2101035-006	7440-47-3	Chromium	Y	0.5	ug/L	U	F F	0.5		FQ	G	STD
73205	WL	1/21/2021	RFS01-10.2101035-006	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U		0.15		FQ	G	STD
73205	WL	1/21/2021	RFS01-10.2101035-006	7440-50-8	Copper	Y	1.3	ug/L	J	F F	0.56		FQ	G G	STD
73205	WL WL	1/21/2021	RFS01-10.2101035-006	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ FQ	G	STD STD
73205		1/21/2021	RFS01-10.2101035-006	87-68-3	Hexachlorobutadiene	N	0.36	ug/L			0.36				
73205	WL	1/21/2021	RFS01-10.2101035-006	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18		FQ FO	G G	STD STD
73205	WL	1/21/2021	RFS01-10.2101035-006	7439-97-6	Mercury		0.027	ug/L	U	F	0.027		FQ FQ		STD
73205	WL	1/21/2021	RFS01-10.2101035-006	75-09-2	Methylene chloride	N	0.94	ug/L		F	0.94			G	
73205	WL	1/21/2021	RFS01-10.2101035-006	91-20-3	Naphthalene	N Y	0.22	ug/L	U	F	0.22		FQ	G	STD
73205	WL	1/21/2021	RFS01-10.2101035-006	7440-02-0	Nickel	Y	2.5	ug/L		F	0.3		FQ	G G	STD
73205	WL	1/21/2021	RFS01-10.2101035-006	7782-49-2	Selenium	Υ	250	ug/L		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	1/21/2021	RFS01-10.2101035-006	7440-22-4	Silver	Υ	0.033	ug/L	U	F	0.033		FQ	G	STD
73205	WL	1/21/2021	RFS01-10.2101035-006	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
73205	WL	1/21/2021	RFS01-10.2101035-006	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
73205	WL	1/21/2021	RFS01-10.2101035-006	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
73205	WL	1/21/2021	RFS01-10.2101035-006	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
73205	WL	1/21/2021	RFS01-10.2101035-006	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
73205	WL	1/21/2021	RFS01-10.2101035-006	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
73205	WL	1/21/2021	RFS01-10.2101035-006	7440-61-1	Uranium	Υ	110	ug/L		F	0.05		FQ	G	STD
73205	WL	1/21/2021	RFS01-10.2101035-006	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
73205	WL	1/21/2021	RFS01-10.2101035-006	7440-66-6	Zinc	Υ	2	ug/L	U	F	2		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	91-58-7	2-Chloronaphthalene	N	0.25	ug/L	U	F	0.25		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-008	83-32-9	Acenaphthene	N	0.01	ug/L	U	F	0.01		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-008	120-12-7	Anthracene	N	0.014	ug/L	U	F	0.014		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	7440-38-2	Arsenic	Υ	0.33	ug/L	U	F	0.33		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-008	50-32-8	Benzo(a)pyrene	N	0.005	ug/L	U	F	0.005		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-008	191-24-2	Benzo(g,h,i)Perylene	N	0.0078	ug/L	U	F	0.0078		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	7440-41-7	Beryllium	Y	0.08	ug/L	U	F	0.08		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	108-60-1	Bis(2-chloroisopropyl) ether	N	0.27	ug/L	U	F	0.27		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	117-81-7	Bis(2-ethylhexyl) phthalate	N	1.7	ug/L	J	F	0.54		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	7440-42-8	Boron	Y	51	ug/L		F	4.4		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	75-25-2	Bromoform	N	0.46	,	U	F	0.46		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	7440-47-3	Chromium	Y	0.5	ug/L	U	F	0.5		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-008	218-01-9	Chrysene	N	0.012	ug/L	U	F	0.012		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	7440-50-8	Copper	Y	0.56	ug/L	U	F	0.56		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-008	53-70-3	Dibenz(a,h)anthracene	N	0.0046	ug/L	U	F	0.0046		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	84-66-2	Diethyl phthalate	N	0.37	ug/L	U	F	0.37		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	131-11-3	Dimethyl phthalate	N	0.2	ug/L	U	F	0.2		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	84-74-2	Di-n-butyl phthalate	N	1.1	ug/L	U	F	1.1		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-008	206-44-0	Fluoranthene	N	0.033	ug/L	U	F	0.033		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-008	86-73-7	Fluorene	N	0.018	ug/L	U	F	0.018		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	67-72-1	Hexachloroethane	N	0.95	ug/L	U	F	0.95		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	78-59-1	Isophorone	N	0.2	ug/L	U	F	0.2		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	7439-97-6	Mercury	Y	0.027	ug/L	U	F	0.027		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-008	91-20-3	Naphthalene	N	0.0051	ug/L	U	F	0.0051		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	7440-02-0	Nickel	Y	0.73	ug/L	J	F	0.3		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-008	129-00-0	Pyrene	N	0.0078	ug/L	U	F	0.0078		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	7782-49-2	Selenium	Y	0.62	ug/L	J	F	0.37		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	7440-22-4	Silver	Y	0.033	ug/L	U	F	0.033		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	1/22/2021	RFS01-10.2101035-007	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	7440-61-1	Uranium	Υ	7	ug/L		F	0.05		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
80005	WL	1/22/2021	RFS01-10.2101035-007	7440-66-6	Zinc	Υ	2	ug/L	U	F	2		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	D	0.16		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	D	0.21		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	D	0.27		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	D	0.23		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	D	0.21		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	D	0.15		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	D	0.13		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	D	0.18		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	D	0.13		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	D	0.16		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	91-58-7	2-Chloronaphthalene	N	0.26	ug/L	U	F	0.26		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	91-58-7	2-Chloronaphthalene	N	0.26	ug/L	U	D	0.26		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-010	83-32-9	Acenaphthene	N	0.01	ug/L	U	F	0.01		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-016	83-32-9	Acenaphthene	N	0.01	ug/L	U	D	0.01		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-010	120-12-7	Anthracene	N	0.014	ug/L	U	F	0.014		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-016	120-12-7	Anthracene	N	0.014	ug/L	U	D	0.014		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	7440-38-2	Arsenic	Y	0.33	ug/L	U	F	0.33		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	7440-38-2	Arsenic	Y	0.33	ug/L	U	D	0.33		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	71-43-2	Benzene	N	0.16	ug/L	U	D	0.16		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-010	50-32-8	Benzo(a)pyrene	N	0.005	ug/L	U	F	0.005		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-016	50-32-8	Benzo(a)pyrene	N	0.005	ug/L	U	D	0.005		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-010	191-24-2	Benzo(g,h,i)Perylene	N	0.0079	ug/L	U	F	0.0079		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-016	191-24-2	Benzo(g,h,i)Perylene	N	0.0079	ug/L	U	D	0.0079		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	7440-41-7	Beryllium	Y	0.08	ug/L	U	F	0.08		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	7440-41-7	Beryllium	Y	0.08	ug/L	U	D	0.08		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	108-60-1	Bis(2-chloroisopropyl) ether	N	0.28	ug/L	U	F	0.28		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	108-60-1	Bis(2-chloroisopropyl) ether	N	0.28	ug/L	U	D F	0.28		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	117-81-7	Bis(2-ethylhexyl) phthalate	N	0.55	ug/L	U		0.55		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	117-81-7	Bis(2-ethylhexyl) phthalate	N	0.56	ug/L	U	D	0.56		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	7440-42-8	Boron	Y	140	ug/L		F	4.4		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	7440-42-8	Boron	Y	150	ug/L		D	4.4		FQ FO	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	75-25-2	Bromoform	N	0.46	ug/L	U	D F	0.46		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	7440-43-9	Cadmium	Y	0.27	ug/L	U		0.27		FQ FO	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	7440-43-9	Cadmium	Y	0.27	ug/L	U	D	0.27		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	D	0.19		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	108-90-7	Chlorobenzene	N	0.17	ug/L	U	D	0.17		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
80105	WL	1/22/2021	RFS01-10.2101035-009	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	67-66-3	Chloroform	N	0.16	ug/L	U	D	0.16		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	74-87-3	Chloromethane	N	0.3	ug/L	U	D	0.3		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	7440-47-3	Chromium	Υ	0.5	ug/L	U	F	0.5		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	7440-47-3	Chromium	Υ	0.5	ug/L	U	D	0.5		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-010	218-01-9	Chrysene	N	0.012	ug/L	U	F	0.012		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-016	218-01-9	Chrysene	N	0.012	ug/L	U	D	0.012		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	D	0.15		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	7440-50-8	Copper	Y	0.56	ug/L	U	F	0.56		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	7440-50-8	Copper	Y	0.56	ug/L	U	D	0.56		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-010	53-70-3	Dibenz(a,h)anthracene	N	0.0047	ug/L	U	F	0.0047		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-016	53-70-3	Dibenz(a,h)anthracene	N	0.0047	ug/L	U	D	0.0047		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	84-66-2	Diethyl phthalate	N	0.38	ug/L	U	F	0.38		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	84-66-2	Diethyl phthalate	N	0.38	ug/L	U	D	0.38		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	131-11-3	Dimethyl phthalate	N	0.21	ug/L	U	F	0.21		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	131-11-3	Dimethyl phthalate	N	0.21	ug/L	U	D	0.21		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	84-74-2	Di-n-butyl phthalate	N	1.1	ug/L	U	F	1.1		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	84-74-2	Di-n-butyl phthalate	N	1.2	ug/L	U	D	1.2		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	100-41-4	Ethylbenzene	N	0.16	ug/L	U	D	0.16		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-010	206-44-0	Fluoranthene	N	0.034	ug/L	U	F	0.034		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-016	206-44-0	Fluoranthene	N	0.034	ug/L	U	D	0.034		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-010	86-73-7	Fluorene	N	0.018	ug/L	U	F	0.018		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-016	86-73-7	Fluorene	N	0.018	ug/L	U	D	0.018		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	D	0.36		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	67-72-1	Hexachloroethane	N	0.97	ug/L	U	F	0.97		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	67-72-1	Hexachloroethane	N	0.98	ug/L	U	D	0.98		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	78-59-1	Isophorone	N	0.21	ug/L	U	F	0.21		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	78-59-1	Isophorone	N	0.21	ug/L	U	D	0.21		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	7439-92-1	Lead	Υ	0.18	ug/L	U	F	0.18		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	7439-92-1	Lead	Y	0.18	ug/L	U	D	0.18		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	7439-97-6	Mercury	Υ	0.027	ug/L	U	F	0.027		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	7439-97-6	Mercury	Y	0.027	ug/L	U	D	0.027		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	75-09-2	Methylene chloride	N	0.94	ug/L	U	D	0.94		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-010	91-20-3	Naphthalene	N	0.0052	ug/L	U	F	0.0052		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-016	91-20-3	Naphthalene	N	0.0052	ug/L	U	D	0.0052		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	7440-02-0	Nickel	Υ	0.3	ug/L	U	F	0.3		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	7440-02-0	Nickel	Υ	0.44	ug/L	J	D	0.3		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-010	129-00-0	Pyrene	N	0.0078	ug/L	U	F	0.0078		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-016	129-00-0	Pyrene	N	0.0079	ug/L	U	D	0.0079		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	7782-49-2	Selenium	Υ	0.37	ug/L	U	F	0.37		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	7782-49-2	Selenium	Υ	0.37	ug/L	U	D	0.37		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	7440-22-4	Silver	Υ	0.11	ug/L	J	F	0.033		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	7440-22-4	Silver	Υ	0.065	ug/L	J	D	0.033		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	100-42-5	Styrene	N	0.36	ug/L	U	D	0.36		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	D	0.2		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	108-88-3	Toluene	N	0.17	ug/L	U	D	0.17		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	1330-20-7	Total Xylenes	N	0.19	ug/L	U	D	0.19		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	D	0.15		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		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
80105	WL	1/22/2021	RFS01-10.2101035-015	79-01-6	Trichloroethene	N	0.16	ug/L	U	D	0.16		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	7440-61-1	Uranium	Υ	10	ug/L		F	0.05		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	7440-61-1	Uranium	Υ	10	ug/L		D	0.05		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	75-01-4	Vinyl chloride	N	0.1	ug/L	U	D	0.1		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-009	7440-66-6	Zinc	Υ	2	ug/L	U	F	2		FQ	G	STD
80105	WL	1/22/2021	RFS01-10.2101035-015	7440-66-6	Zinc	Y	2	ug/L	U	D	2		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ FO	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	91-58-7	2-Chloronaphthalene	N	0.26	ug/L	U	F	0.26		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-012	83-32-9	Acenaphthene	N	0.011	ug/L	U	F	0.011		FQ FO	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-012	120-12-7	Anthracene	N	0.014	ug/L	U	F	0.014		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	7440-38-2	Arsenic	Y	0.33	ug/L	U	F	0.33		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ FO	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-012	50-32-8	Benzo(a)pyrene	N	0.0052	ug/L	U	F	0.0052		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-012	191-24-2	Benzo(g,h,i)Perylene	N Y	0.0082	ug/L	U	F	0.0082		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	7440-41-7	Beryllium		0.08	ug/L	U		0.08		FQ	G	
80205	WL	1/22/2021	RFS01-10.2101035-011	108-60-1	Bis(2-chloroisopropyl) ether	N	0.28	ug/L	U	F F	0.28		FQ	G	STD
80205	WL WL	1/22/2021	RFS01-10.2101035-011	117-81-7	Bis(2-ethylhexyl) phthalate	N Y	0.56	ug/L	U	F	0.56		FQ	G	STD STD
80205		1/22/2021	RFS01-10.2101035-011	7440-42-8	Boron		69	ug/L		F	4.4		FQ	G	
80205	WL WL	1/22/2021	RFS01-10.2101035-011	75-25-2	Bromoform	N Y	0.46	ug/L	U	F	0.46 0.27		FQ FQ	G G	STD STD
80205 80205	WL	1/22/2021 1/22/2021	RFS01-10.2101035-011 RFS01-10.2101035-011	7440-43-9 56-23-5	Cadmium	N N	0.27 0.19	ug/L ug/L	U	F	0.27		FQ FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	108-90-7	Carbon tetrachloride	N N	0.19	ug/L ug/L	U	F	0.19		FQ FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	67-66-3	Chlorobenzene	N N	0.17)	U	F	0.17		FQ FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	74-87-3	Chloroform Chloromethane	N N	0.16	ug/L ug/L	U	F	0.16		FQ FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	7440-47-3	Chromium	Y	0.5	ug/L ug/L	U	F	0.5		FQ FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	218-01-9	Chrysene	N N	0.012	ug/L ug/L	U	F	0.012		FQ FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	156-59-2	cis-1,2-Dichloroethene	N	0.012	ug/L ug/L	U	F	0.012		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	7440-50-8	Copper	Y	0.13	ug/L ug/L	U	F	0.13		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-012	53-70-3	Dibenz(a,h)anthracene	N N	0.0049	ug/L ug/L	U	F	0.0049		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	84-66-2	Diethyl phthalate	N N	0.0049	ug/L ug/L	U	F	0.0049		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	131-11-3	Dimethyl phthalate	N N	0.36	ug/L ug/L	U	F	0.36		FQ FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	84-74-2	Di-n-butyl phthalate	N	1.2	ug/L ug/L	U	F	1.2		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	100-41-4	Ethylbenzene	N N	0.16	ug/L ug/L	U	F	0.16		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-012	206-44-0	Fluoranthene	N	0.035	ug/L	Ü	F	0.035		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-012	86-73-7	Fluorene	N	0.033	ug/L ug/L	U	F	0.033		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	Ü	F	0.36		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	67-72-1	Hexachloroethane	N	0.99	ug/L	Ü	F	0.99		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	78-59-1	Isophorone	N	0.33	ug/L	Ü	F	0.33		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	7439-92-1	Lead	Y	0.18	ug/L	Ü	F	0.18		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	7439-97-6	Mercury	Y	0.027	ug/L	Ü	F	0.027		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-012	91-20-3	Naphthalene	N	0.0054	ug/L	Ü	F	0.0054		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	7440-02-0	Nickel	Y	1.4	ug/L	J	F	0.3		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-012	129-00-0	Pyrene	N	0.0081	ug/L	Ü	F	0.0081		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	7782-49-2	Selenium	Y	1.1	ug/L	J	F	0.37		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	7440-22-4	Silver	Y	0.062	ug/L	J	F	0.033		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	100-42-5	Styrene	N N	0.36	ug/L	Ü	F	0.36		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
		1/22/2021	RFS01-10.2101035-011	108-88-3	Toluene	N N	0.17	ug/L	Ü	F	0.17		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	1/22/2021	RFS01-10.2101035-011	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	7440-61-1	Uranium	Υ	39	ug/L		F	0.05		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
80205	WL	1/22/2021	RFS01-10.2101035-011	7440-66-6	Zinc	Υ	2	ug/L	U	F	2		FQ	G	STD
GS05	SL	1/4/2021	RFS01-13.2103052-012	7440-38-2	Arsenic	N	2	ug/L	U	F	2			С	GEN
GS05	SL	1/4/2021	RFS01-13.2103052-012	7440-41-7	Beryllium	N	0.2	ug/L	U	F	0.2			С	GEN
GS05	SL	1/4/2021	RFS01-13.2103052-012	7440-42-8	Boron	N	7.5	ug/L	В	F	5.2			С	GEN
GS05	SL	1/4/2021	RFS01-13.2103052-011	7440-43-9	Cadmium	Υ	0.3	ug/L	U	F	0.3			С	GEN
GS05	SL	1/4/2021	RFS01-13.2103052-012	7440-47-3	Chromium	N	3	ug/L	U	F	3			С	GEN
GS05	SL	1/4/2021	RFS01-13.2103052-011	7440-50-8	Copper	Y	1.41	ug/L	В	F	0.3			С	GEN
GS05	SL	1/4/2021	RFS01-13.2103052-011	7439-92-1	Lead	Y	0.5	ug/L	U	F	0.5			С	GEN
GS05	SL	1/4/2021	RFS01-13.2103052-011	7440-02-0	Nickel	Y	1.12	ug/L	В	F	0.6			С	GEN
GS05	SL	1/4/2021	RFS01-13.2103052-012	7782-49-2	Selenium	N	2	ug/L	U	F	2			С	GEN
GS05	SL	1/4/2021	RFS01-13.2103052-011	7440-22-4	Silver	Y	0.3	ug/L	U	F	0.3			С	GEN
GS05	SL	1/4/2021	RFS01-13.2103052-012	7440-61-1	Uranium	N	0.384	ug/L	В	F	0.067			С	GEN
GS05	SL	1/4/2021	RFS01-13.2103052-011	7440-66-6	Zinc	Υ	3.55	ug/L	В	F	3.3			С	GEN
GS05	SL	1/7/2021	RFS01-02.2101033-001	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-011	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	D	0.16			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-001	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-011	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	D	0.21			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-001	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-011	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	D	0.27			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-001	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-011	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	D	0.23			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-001	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-011	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	D	0.21			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-001	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-011	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	D	0.15			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-001	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-011	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	D	0.13			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-001	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-011	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	D	0.18			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-001	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-011	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	D	0.13			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-001	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-011	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	D	0.16			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-001	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-011	71-43-2	Benzene	N	0.16	ug/L	U	D	0.16			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-001	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-011	75-25-2	Bromoform	N	0.46	ug/L	U	D	0.46			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-001	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-011	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	D	0.19			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-001	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-011	108-90-7	Chlorobenzene	N	0.17	ug/L	U	D	0.17			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-001	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-011	67-66-3	Chloroform	N	0.16	ug/L	U	D	0.16			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-001	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-011	74-87-3	Chloromethane	N	0.3	ug/L	U	D	0.3			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-001	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-011	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	D	0.15			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-001	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-011	100-41-4	Ethylbenzene	N	0.16	ug/L	U	D	0.16			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-001	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-011	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	D	0.36			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-001	7439-97-6	Mercury	N	0.053	ug/L	JB	F	0.027		U	G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-011	7439-97-6	Mercury	N	0.03	ug/L	JB	D	0.027		U	G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-001	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94			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
GS05	SL	1/7/2021	RFS01-02.2101033-011	75-09-2	Methylene chloride	N	0.94	ug/L	U	D	0.94			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-001	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-011	91-20-3	Naphthalene	N	0.22	ug/L	U	D	0.22			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-001	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-011	100-42-5	Styrene	N	0.36	ug/L	U	D	0.36			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-001	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-011	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	D	0.2			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-001	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-011	108-88-3	Toluene	N	0.17	ug/L	U	D	0.17			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-001	1330-20-7	Total Xylenes	N N	0.19	ug/L	U	F D	0.19			G	STD
GS05 GS05	SL SL	1/7/2021 1/7/2021	RFS01-02.2101033-011 RFS01-02.2101033-001	1330-20-7 156-60-5	Total Xylenes	N N	0.19 0.15	ug/L ug/L	U	F F	0.19 0.15			G G	STD
	SL	1/7/2021		156-60-5	trans-1,2-Dichloroethene	N N		,	U	D	0.15			G	STD
GS05 GS05	SL	1/7/2021	RFS01-02.2101033-011 RFS01-02.2101033-001	79-01-6	trans-1,2-Dichloroethene Trichloroethene	N N	0.15 0.16	ug/L ug/L	U	F	0.15			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-001	79-01-6	Trichloroethene	N	0.16	ug/L ug/L	U	D	0.16			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-011	75-01-4	Vinyl chloride	N N	0.16	ug/L ug/L	U	F	0.16			G	STD
GS05	SL	1/7/2021	RFS01-02.2101033-001	75-01-4	Vinyl chloride Vinyl chloride	N	0.1	ug/L ug/L	U	D	0.1			G	STD
GS05	SL	3/25/2021	RFS01-02.2101033-011	7440-38-2	Arsenic	N	2.36	ug/L ug/L	В	F	0.1			C	GEN
GS05	SL	3/25/2021	RFS01-13.2104054-012	7440-36-2	Beryllium	N	0.2	ug/L ug/L	U	F	0.2			C	GEN
GS05	SL	3/25/2021	RFS01-13.2104054-012	7440-42-8	Boron	N	16.7	ug/L	Ü	F	5.2			C	GEN
GS05	SL	3/25/2021	RFS01-13.2104054-011	7440-43-9	Cadmium	Y	0.3	ug/L	U	F	0.3			C	GEN
GS05	SL	3/25/2021	RFS01-13.2104054-012	7440-47-3	Chromium	N	3	ug/L	Ü	F	3			C	GEN
GS05	SL	3/25/2021	RFS01-13.2104054-011	7440-50-8	Copper	Y	2	ug/L	В	F	0.3			C	GEN
GS05	SL	3/25/2021	RFS01-13.2104054-011	7439-92-1	Lead	Y	0.5	ug/L	U	F	0.5			C	GEN
GS05	SL	3/25/2021	RFS01-13.2104054-011	7440-02-0	Nickel	Υ	0.862	ug/L	В	F	0.6			С	GEN
GS05	SL	3/25/2021	RFS01-13.2104054-012	7782-49-2	Selenium	N	2	ug/L	U	F	2			С	GEN
GS05	SL	3/25/2021	RFS01-13.2104054-011	7440-22-4	Silver	Y	0.3	ug/L	U	F	0.3			С	GEN
GS05	SL	3/25/2021	RFS01-13.2104054-012	7440-61-1	Uranium	N	0.327	ug/L	В	F	0.067			С	GEN
GS05	SL	3/25/2021	RFS01-13.2104054-011	7440-66-6	Zinc	Y	3.3	ug/L	U	F	3.3			С	GEN
GS10	SL	1/4/2021	RFS01-13.2102051-001	14596-10-2	Americium-241	N	0.0188	pCi/L	U	F		0.0158		С	GEN
GS10	SL	1/4/2021	RFS01-13.2102051-001	7440-41-7	Beryllium	N	1	ug/L	U	F	1			С	GEN
GS10	SL	1/4/2021	RFS01-13.2102051-001	7440-43-9	Cadmium	Y	0.3	ug/L	U	F	0.3			С	GEN
GS10	SL	1/4/2021	RFS01-13.2102051-001	7440-47-3	Chromium	N	1	ug/L	U	F	1			С	GEN
GS10	SL	1/4/2021	RFS01-13.2102051-001	PU-239,240	Plutonium-239, 240	N	0.00967	pCi/L	U	F		0.0111		С	GEN
GS10	SL	1/4/2021	RFS01-13.2102051-001	7440-22-4	Silver	Y	0.3	ug/L	U	F	0.3			С	GEN
GS10	SL	1/4/2021	RFS01-13.2102051-001	7440-61-1	Uranium	N	33.5	ug/L		F	0.067			С	GEN
GS10	SL	2/8/2021	RFS01-13.2103052-001	14596-10-2	Americium-241	N	0.0187	pCi/L	U	F		0.0245		С	GEN
GS10	SL	2/8/2021	RFS01-13.2103052-001	7440-41-7	Beryllium	N	1	ug/L	U	F	1			С	GEN
GS10	SL	2/8/2021	RFS01-13.2103052-001	7440-43-9	Cadmium	Y	0.3	ug/L	U	F	0.3			C	GEN
GS10	SL	2/8/2021	RFS01-13.2103052-001	7440-47-3	Chromium	N N	0.00574	ug/L	U	F	1	0.00070		C	GEN
GS10	SL SL	2/8/2021 2/8/2021	RFS01-13.2103052-001	PU-239,240 7440-22-4	Plutonium-239, 240	N Y	0.00574	pCi/L	U	F	0.0	0.00872	-	C	GEN GEN
GS10 GS10	SL SL	2/8/2021	RFS01-13.2103052-001 RFS01-13.2103052-001	7440-22-4 7440-61-1	Silver Uranium	N N	0.3 22.5	ug/L ug/L	U	F	0.3 0.067			C	GEN
GS10 GS10	SL	3/25/2021	RFS01-13.2103052-001	14596-10-2	Americium-241	N N	0.0102	pCi/L	U	F	0.007	0.0133		C	GEN
GS10 GS10	SL	3/25/2021	RFS01-13.2104053-001	7440-41-7	Beryllium	N N	0.0102	ug/L	U	F	1	0.0133		C	GEN
GS10 GS10	SL	3/25/2021	RFS01-13.2104053-001	7440-41-7	Cadmium	Y	0.3	ug/L ug/L	U	F	0.3			C	GEN
GS10	SL	3/25/2021	RFS01-13.2104053-001	7440-47-3	Chromium	N	1	ug/L ug/L	U	F	0.3			C	GEN
GS10	SL	3/25/2021	RFS01-13.2104053-001	PU-239,240	Plutonium-239, 240	N	0.00152	pCi/L	U	F	<u> </u>	0.0130		C	GEN
GS10	SL	3/25/2021	RFS01-13.2104053-001	7440-22-4	Silver	Y	0.3	ug/L	Ü	F	0.3	0.0100		C	GEN
GS10	SL	3/25/2021	RFS01-13.2104053-001	7440-61-1	Uranium	N	24.4	ug/L		F	0.067			C	GEN
GS13	SL	1/6/2021	RFS01-01.2103029-001	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	8.58	mg/L	Н	F	0.17			C	GEN
GS13	SL	1/6/2021	RFS01-01.2103029-001	7440-61-1	Uranium	N	15.7	ug/L		F	0.067			C	GEN
GS13	SL	1/13/2021	RFS01-04.2101055-007	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	44	_		F	0.19			G	STD
GS13	SL	1/28/2021	RFS01-04.2101056-007	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	50	mg/L		F	0.19			G	STD
GS13	SL	2/18/2021	RFS01-04.2102057-007	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	52	mg/L	В	F	0.19			G	STD
GS13	SL	3/1/2021	RFS01-04.2102058-007	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	54	mg/L		F	0.48			G	STD
GS13	SL	3/18/2021	RFS01-04.2103059-007	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	12	mg/L		F	0.095			G	STD
GS13	SL	3/23/2021	RFS01-13.2104053-007	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	4.47	mg/L		F	0.17			С	GEN
GS13	SL	3/23/2021	RFS01-13.2104053-008	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	4.84	mg/L		D	0.17			С	GEN

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GS13	SL	3/23/2021	RFS01-13.2104053-007	7440-61-1	Uranium	N	4.55	ug/L		F	0.067			С	GEN
GS13	SL	3/23/2021	RFS01-13.2104053-008	7440-61-1	Uranium	N	4.66	ug/L		D	0.067			С	GEN
GS13	SL	3/31/2021	RFS01-04.2103061-007	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	4	mg/L		F	0.019			G	STD
GS59	SL	1/4/2021	RFS01-01.2103029-005	7440-38-2	Arsenic	N	2	ug/L	U	F	2			С	GEN
GS59	SL	1/4/2021	RFS01-01.2103029-008	7440-38-2	Arsenic	N	2	ug/L	U	D	2			С	GEN
GS59	SL	1/4/2021	RFS01-01.2103029-005	7440-41-7	Beryllium	N	0.2	3	U	F	0.2			С	GEN
GS59	SL	1/4/2021	RFS01-01.2103029-008	7440-41-7	Beryllium	N	0.2	ug/L	U	D	0.2			С	GEN
GS59	SL	1/4/2021	RFS01-01.2103029-005	7440-42-8	Boron	N	10.3	ug/L	В	F	5.2			С	GEN
GS59	SL	1/4/2021	RFS01-01.2103029-008	7440-42-8	Boron	N	10.9	ug/L	В	D	5.2			С	GEN
GS59	SL	1/4/2021	RFS01-01.2103029-004	7440-43-9	Cadmium	Υ	0.3	ug/L	U	F	0.3			С	GEN
GS59	SL	1/4/2021	RFS01-01.2103029-007	7440-43-9	Cadmium	Υ	0.3	ug/L	U	D	0.3			С	GEN
GS59	SL	1/4/2021	RFS01-01.2103029-005	7440-47-3	Chromium	N	3	ug/L	U	F	3			С	GEN
GS59	SL	1/4/2021	RFS01-01.2103029-008	7440-47-3	Chromium	N	3	ug/L	U	D	3			С	GEN
GS59	SL	1/4/2021	RFS01-01.2103029-004	7440-50-8	Copper	Υ	1.82	ug/L	В	F	0.3			С	GEN
GS59	SL	1/4/2021	RFS01-01.2103029-007	7440-50-8	Copper	Υ	1.83	ug/L	В	D	0.3			С	GEN
GS59	SL	1/4/2021	RFS01-01.2103029-004	7439-92-1	Lead	Υ	0.5	ug/L	U	F	0.5			С	GEN
GS59	SL	1/4/2021	RFS01-01.2103029-007	7439-92-1	Lead	Υ	0.5		U	D	0.5			С	GEN
GS59	SL	1/4/2021	RFS01-01.2103029-004	7440-02-0	Nickel	Υ	0.808	ug/L	В	F	0.6			С	GEN
GS59	SL	1/4/2021	RFS01-01.2103029-007	7440-02-0	Nickel	Υ	0.778	ug/L	В	D	0.6			С	GEN
GS59	SL	1/4/2021	RFS01-01.2103029-005	7782-49-2	Selenium	N	2	ug/L	U	F	2			С	GEN
GS59	SL	1/4/2021	RFS01-01.2103029-008	7782-49-2	Selenium	N	2	ug/L	U	D	2			С	GEN
GS59	SL	1/4/2021	RFS01-01.2103029-004	7440-22-4	Silver	Υ	0.3	ug/L	U	F	0.3			С	GEN
GS59	SL	1/4/2021	RFS01-01.2103029-007	7440-22-4	Silver	Υ	0.3	ug/L	U	D	0.3			С	GEN
GS59	SL	1/4/2021	RFS01-01.2103029-005	7440-61-1	Uranium	N	3.12	ug/L	В	F	0.067			С	GEN
GS59	SL	1/4/2021	RFS01-01.2103029-008	7440-61-1	Uranium	N	3.08		В	D	0.067			С	GEN
GS59	SL	1/4/2021	RFS01-01.2103029-004	7440-66-6	Zinc	Y	3.3		U	F	3.3			С	GEN
GS59	SL	1/4/2021	RFS01-01.2103029-007	7440-66-6	Zinc	Y	3.3		U	D	3.3			С	GEN
GS59	SL	1/7/2021	RFS01-02.2101033-002	71-55-6	1,1,1-Trichloroethane	N	0.16		U	F	0.16			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-010	71-55-6	1,1,1-Trichloroethane	N	0.16		U	D	0.16			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-002	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21		U	F	0.21			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-010	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21		U	D	0.21			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-002	79-00-5	1.1.2-Trichloroethane	N	0.27		U	F	0.27			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-010	79-00-5	1,1,2-Trichloroethane	N	0.27		U	D	0.27			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-002	75-35-4	1,1-Dichloroethene	N	0.23	_	U	F	0.23			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-010	75-35-4	1,1-Dichloroethene	N	0.23		U	D	0.23			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-002	120-82-1	1,2,4-Trichlorobenzene	N	0.21	_	U	F	0.21			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-010	120-82-1	1,2,4-Trichlorobenzene	N	0.21		Ü	D	0.21			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-002	95-50-1	1,2-Dichlorobenzene	N	0.15		U	F	0.15			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-010	95-50-1	1,2-Dichlorobenzene	N	0.15		Ü	D	0.15			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-002	107-06-2	1,2-Dichloroethane	N	0.13		U	F	0.13			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-010	107-06-2	1,2-Dichloroethane	N	0.13	_	Ü	D.	0.13			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-002	78-87-5	1,2-Dichloropropane	N	0.18		U	F	0.18			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-010	78-87-5	1,2-Dichloropropane	N	0.18		Ü	D	0.18			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-002	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	Ü	F	0.13			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-010	541-73-1	1,3-Dichlorobenzene	N	0.13		Ü	D	0.13			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-002	106-46-7	1,4-Dichlorobenzene	N	0.13		Ü	F	0.16		<u> </u>	G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-010	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	Ü	D	0.16			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-002	71-43-2	Benzene	N	0.16		Ü	F	0.16			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-010	71-43-2	Benzene	N	0.16		Ü	D	0.16		<u> </u>	G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-002	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-010	75-25-2	Bromoform	N	0.46	_	Ü	D	0.46		<u> </u>	G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-002	56-23-5	Carbon tetrachloride	N	0.40	,	U	F	0.40			G	STD
GS59 GS59	SL	1/7/2021	RFS01-02.2101033-010	56-23-5	Carbon tetrachloride	N	0.19		U	D D	0.19			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-002	108-90-7	Chlorobenzene	N	0.19	_	U	F	0.19			G	STD
GS59 GS59	SL	1/7/2021	RFS01-02.2101033-010	108-90-7	Chlorobenzene	N	0.17	ug/L ug/L	U	D D	0.17			G	STD
GS59 GS59	SL	1/7/2021	RFS01-02.2101033-010	67-66-3	Chloroform	N N	0.17		U	F	0.17		1	G	STD
GS59 GS59	SL	1/7/2021	RFS01-02.2101033-002 RFS01-02.2101033-010	67-66-3	Chloroform	N N	0.16	_	U	D F	0.16			G	STD
GS59 GS59	SL	1/7/2021	RFS01-02.2101033-010	74-87-3	Chloromethane	N N	0.16		U	F	0.16			G	STD
GS59 GS59	SL	1/7/2021		74-87-3 74-87-3		N N	0.3	ug/L	U	D D	0.3	-	-	G	STD
G GS9	٥L	1/1/2021	RFS01-02.2101033-010	14-01-3	Chloromethane	I N	0.3	ug/L	l 0	ט	0.3	l		G	טוט

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GS59	SL	1/7/2021	RFS01-02.2101033-002	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-010	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	D	0.15			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-002	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-010	100-41-4	Ethylbenzene	N	0.16	ug/L	U	D	0.16			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-002	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-010	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	D	0.36			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-002	7439-97-6	Mercury	N	0.052	ug/L	JB	F	0.027		U	G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-010	7439-97-6	Mercury	N	0.054	ug/L	JB	D	0.027		U	G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-002	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-010	75-09-2	Methylene chloride	N	0.94	ug/L	U	D	0.94			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-002	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-010	91-20-3	Naphthalene	N	0.22	ug/L	U	D	0.22			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-002	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-010	100-42-5	Styrene	N	0.36	ug/L	U	D	0.36			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-002	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-010	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	D	0.2			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-002	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-010	108-88-3	Toluene	N	0.17	ug/L	U	D	0.17			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-002	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-010	1330-20-7	Total Xylenes	N	0.19	ug/L	U	D	0.19			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-002	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-010	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	D	0.15			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-002	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-010	79-01-6	Trichloroethene	N	0.16	ug/L	U	D	0.16			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-002	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1			G	STD
GS59	SL	1/7/2021	RFS01-02.2101033-010	75-01-4	Vinyl chloride	N	0.1	ug/L	U	D	0.1			G	STD
GS59	SL	3/23/2021	RFS01-13.2104054-014	7440-38-2	Arsenic	N	2.13	ug/L	В	F	2			С	GEN
GS59	SL	3/23/2021	RFS01-13.2104054-014	7440-41-7	Beryllium	N	0.2	ug/L	U	F	0.2			С	GEN
GS59	SL	3/23/2021	RFS01-13.2104054-014	7440-42-8	Boron	N	14.2	ug/L	В	F	5.2			С	GEN
GS59	SL	3/23/2021	RFS01-13.2104054-013	7440-43-9	Cadmium	Y	0.3	ug/L	U	F	0.3			С	GEN
GS59	SL	3/23/2021	RFS01-13.2104054-014	7440-47-3	Chromium	N	3	ug/L	U	F	3			С	GEN
GS59	SL	3/23/2021	RFS01-13.2104054-013	7440-50-8	Copper	Y	1.5	ug/L	В	F	0.3			С	GEN
GS59	SL	3/23/2021	RFS01-13.2104054-013	7439-92-1	Lead	Υ	0.5	ug/L	U	F	0.5			С	GEN
GS59	SL	3/23/2021	RFS01-13.2104054-013	7440-02-0	Nickel	Y	0.851	ug/L	В	F	0.6			С	GEN
GS59	SL	3/23/2021	RFS01-13.2104054-014	7782-49-2	Selenium	N	2	ug/L	U	F	2			С	GEN
GS59	SL	3/23/2021	RFS01-13.2104054-013	7440-22-4	Silver	Υ	0.3	ug/L	U	F	0.3			С	GEN
GS59	SL	3/23/2021	RFS01-13.2104054-014	7440-61-1	Uranium	N	1.06	ug/L	В	F	0.067			С	GEN
GS59	SL	3/23/2021	RFS01-13.2104054-013	7440-66-6	Zinc	Y	3.3	ug/L	U	F	3.3			С	GEN
P416589	WL	1/20/2021	RFS01-10.2101035-013	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	91-58-7	2-Chloronaphthalene	N	0.25	ug/L	US	F	0.25		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-014	83-32-9	Acenaphthene	N	0.01	ug/L	U	F	0.01		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-014	120-12-7	Anthracene	N	0.014	ug/L	U	F	0.014		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	7440-38-2	Arsenic	Υ	0.33	ug/L	U	F	0.33		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-014	50-32-8	Benzo(a)pyrene	N	0.0049	ug/L	U	F	0.0049		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-014	191-24-2	Benzo(g,h,i)Perylene	N	0.0078	ug/L	U	F	0.0078		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	7440-41-7	Beryllium	Y	0.08	ug/L	U	F	0.08		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	108-60-1	Bis(2-chloroisopropyl) ether	N	0.27	ug/L	US	F	0.27		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	117-81-7	Bis(2-ethylhexyl) phthalate	N	0.54	ug/L	US	F	0.54		FQ	G	STD
	WL	1/20/2021	RFS01-10.2101035-013	7440-42-8	Boron	1	8.1	ug/L	- · · · ·	F	4.4		FQ	G	STD

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P416589	WL	1/20/2021	RFS01-10.2101035-013	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	7440-43-9	Cadmium	Υ	0.27	ug/L	U	F	0.27		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	7440-47-3	Chromium	Y	0.5	ug/L	U	F	0.5		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-014	218-01-9	Chrysene	N	0.012	ug/L	U	F	0.012		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	7440-50-8	Copper	Y	0.56	ug/L	U	F	0.56		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-014	53-70-3	Dibenz(a,h)anthracene	N	0.0046	ug/L	U	F	0.0046		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	84-66-2	Diethyl phthalate	N	0.37	ug/L	US	F	0.37		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	131-11-3	Dimethyl phthalate	N	0.2	ug/L	US	F	0.2		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	84-74-2	Di-n-butyl phthalate	N	1.1	ug/L	US	F	1.1		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-014	206-44-0	Fluoranthene	N	0.033	ug/L	U	F	0.033		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-014	86-73-7	Fluorene	N	0.018	ug/L	U	F	0.018		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	67-72-1	Hexachloroethane	N	0.95	ug/L	US	F	0.95		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	78-59-1	Isophorone	N	0.2	ug/L	US	F	0.2		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	7439-97-6	Mercury	Y	0.027	ug/L	U	F	0.027		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-014	91-20-3	Naphthalene	N	0.0051	ug/L	U	F	0.0051		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	7440-02-0	Nickel	Υ	15	ug/L		F	0.3		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-014	129-00-0	Pyrene	N	0.0078	ug/L	U	F	0.0078		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	7782-49-2	Selenium	Y	0.37	ug/L	U	F	0.37		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	7440-22-4	Silver	Y	0.52	ug/L	J	F	0.033		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	7440-61-1	Uranium	Y	1.5	ug/L		F	0.05		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
P416589	WL	1/20/2021	RFS01-10.2101035-013	7440-66-6	Zinc	Y	2.9	ug/L	J	F	2		FQ	G	STD
PLFSEEPINF	TS	1/7/2021	RFS01-02.2101033-003	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16			G	STD
PLFSEEPINF	TS	1/7/2021	RFS01-02.2101033-003	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21			G	STD
PLFSEEPINF	TS	1/7/2021	RFS01-02.2101033-003	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27			G	STD
PLFSEEPINF	TS	1/7/2021	RFS01-02.2101033-003	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23			G	STD
PLFSEEPINF	TS	1/7/2021	RFS01-02.2101033-003	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21			G	STD
PLESEEPINE	TS	1/7/2021	RFS01-02.2101033-003	95-50-1	1,2-Dichlorobenzene	N	0.31	ug/L	J	F	0.15			G	STD
PLESEEPINE	TS	1/7/2021	RFS01-02.2101033-003	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13			G	STD
PLESEEPINE	TS	1/7/2021	RFS01-02.2101033-003	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18			G	STD
PLESEEPINE	TS	1/7/2021	RFS01-02.2101033-003	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13			G	STD
PLESEEPINE	TS	1/7/2021	RFS01-02.2101033-003	106-46-7	1,4-Dichlorobenzene	N	0.43	ug/L	J		0.16			G	STD
PLFSEEPINF	TS	1/7/2021	RFS01-02.2101033-004	7440-38-2	Arsenic	N	5.7	ug/L		F F	0.33			G	STD
PLESEEPINE	TS	1/7/2021	RFS01-02.2101033-003	71-43-2	Benzene	N	2.5	ug/L			0.16			G	STD
PLESEEPINE	TS	1/7/2021	RFS01-02.2101033-004	7440-41-7	Beryllium	N	0.08	ug/L	U	F	0.08			G	STD
PLESEEPINE	TS	1/7/2021	RFS01-02.2101033-004	7440-42-8	Boron	N	1200	ug/L		F F	4.4			G G	STD
PLFSEEPINF	TS TS	1/7/2021	RFS01-02.2101033-003	75-25-2 7440-43-9	Bromoform	N Y	0.46	ug/L	U	F	0.46 0.27			G	STD STD
PLESEEPINE		1/7/2021	RFS01-02.2101033-003		Cadmium		0.27	ug/L	U						
PLFSEEPINF	TS	1/7/2021	RFS01-02.2101033-003	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19			G	STD
PLFSEEPINF	TS	1/7/2021	RFS01-02.2101033-003	108-90-7	Chlorobenzene	N	0.83	ug/L	J	F	0.17			G	STD STD
PLESEEPINE	TS	1/7/2021	RFS01-02.2101033-003	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16			G	
PLFSEEPINF	TS	1/7/2021	RFS01-02.2101033-003	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3			G	STD
PLFSEEPINF	TS	1/7/2021	RFS01-02.2101033-004	7440-47-3	Chromium	N	0.76	ug/L	J	<u> </u>	0.5			G G	STD
PLFSEEPINF	TS	1/7/2021	RFS01-02.2101033-003	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15			G	STD

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PLFSEEPINF	TS	1/7/2021	RFS01-02.2101033-003	7440-50-8	Copper	Y	0.56	ug/L	U	F	0.56			G	STD
PLFSEEPINF	TS	1/7/2021	RFS01-02.2101033-003	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16			G	STD
PLFSEEPINF	TS	1/7/2021	RFS01-02.2101033-003	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36			G	STD
PLFSEEPINF	TS	1/7/2021	RFS01-02.2101033-003	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18			G	STD
PLFSEEPINF	TS	1/7/2021	RFS01-02.2101033-004	7439-97-6	Mercury	N	0.048	ug/L	J B	F	0.027		U	G	STD
PLFSEEPINF	TS	1/7/2021	RFS01-02.2101033-003	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94			G	STD
PLFSEEPINF	TS	1/7/2021	RFS01-02.2101033-003	91-20-3	Naphthalene	N	26	ua/L		F	0.22			G	STD
PLFSEEPINF	TS	1/7/2021	RFS01-02.2101033-003	7440-02-0	Nickel	Y	5.6	ua/L	1	F	0.3			G	STD
PLFSEEPINF	TS	1/7/2021	RFS01-02.2101033-004	7782-49-2	Selenium	N	0.37	ug/L	U	F	0.37			G	STD
PLFSEEPINE	TS	1/7/2021	RFS01-02.2101033-003	7440-22-4	Silver	Y	0.045	ug/L	.I	F	0.033			G	STD
PLFSEEPINF	TS	1/7/2021	RFS01-02.2101033-003	100-42-5	Styrene	N	0.36	ug/L	Ŭ	F	0.36			G	STD
PLFSEEPINF	TS	1/7/2021	RFS01-02.2101033-003	127-18-4	Tetrachloroethene	N	0.00	ug/L	Ü	F	0.2			G	STD
PLFSEEPINF	TS	1/7/2021	RFS01-02.2101033-003	108-88-3	Toluene	N	0.2	ug/L	ı	-	0.17			G	STD
PLFSEEPINF	TS	1/7/2021	RFS01-02.2101033-003	1330-20-7	Total Xvlenes	N	1.5	ug/L	1	- -	0.17			G	STD
PLFSEEPINF	TS	1/7/2021	RFS01-02.2101033-003	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L ug/L	U	F	0.19			G	STD
PLFSEEPINF	TS	1/7/2021	RFS01-02.2101033-003	79-01-6	Trichloroethene	N	0.15	ug/L ug/L	Ü	F	0.15			G	STD
PLFSEEPINF	TS	1/7/2021	RFS01-02.2101033-004	7440-61-1	Uranium	N	0.059	ug/L	J	F	0.10			G	STD
PLFSEEPINF	TS	1/7/2021	RFS01-02.2101033-004	75-01-4	Vinyl chloride	N N	0.039	ug/L ug/L	U		0.03			G	STD
PLFSEEPINF	TS	1/7/2021	RFS01-02.2101033-003	7440-66-6	Zinc	Y	94	ug/L ug/L	U	F	0.1			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-003 RFS01-02.2101033-005	71-55-6	1.1.1-Trichloroethane	N N	0.16	ug/L ug/L	U	F	0.16			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	79-34-5	1.1.2.2-Tetrachloroethane	N N	0.16	,	U	F	0.16			G	STD
				_				ug/L		F					STD
PLFSYSEFF PLFSYSEFF	TS TS	1/7/2021	RFS01-02.2101033-005	79-00-5 75-35-4	1,1,2-Trichloroethane	N N	0.27 0.23	ug/L	U	F	0.27			G G	STD
		1/7/2021	RFS01-02.2101033-005		1,1-Dichloroethene			ug/L			0.23				
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	91-58-7	2-Chloronaphthalene	N	0.25	ug/L	UN*	F	0.25		J	G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-007	83-32-9	Acenaphthene	N	1.5	ug/L		F	0.01			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-007	120-12-7	Anthracene	N	0.48	ug/L		F	0.013			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-006	7440-38-2	Arsenic	N	3.7	ug/L		F	0.33			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	71-43-2	Benzene	N	0.84	ug/L	J	F	0.16			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-007	50-32-8	Benzo(a)pyrene	N	0.0049	ug/L	U	F	0.0049			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-007	191-24-2	Benzo(g,h,i)Perylene	N	0.0077	ug/L	U	F	0.0077			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-006	7440-41-7	Beryllium	N	0.089	ug/L	J	F	0.08			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	108-60-1	Bis(2-chloroisopropyl) ether	N	0.27	ug/L	U N *	F	0.27		J	G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	117-81-7	Bis(2-ethylhexyl) phthalate	N	0.53	ug/L	UN*	F	0.53		J	G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-006	7440-42-8	Boron	N	980	ug/L		F	4.4			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	7440-43-9	Cadmium	Υ	0.27	ug/L	U	F	0.27			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-006	7440-47-3	Chromium	N	0.5	ug/L	U	F	0.5			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-007	218-01-9	Chrysene	N	0.024	ug/L		F	0.012			G	STD

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PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	7440-50-8	Copper	Υ	0.56	ug/L	U	F	0.56			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-007	53-70-3	Dibenz(a,h)anthracene	N	0.0046	ug/L	U	F	0.0046			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	84-66-2	Diethyl phthalate	N	0.36	ug/L	U N *	F	0.36		J	G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	131-11-3	Dimethyl phthalate	N	0.2	ug/L	UN*	F	0.2		J	G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	84-74-2	Di-n-butyl phthalate	N	1.1	ug/L	U N *	F	1.1		J	G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-007	206-44-0	Fluoranthene	N	0.46	ug/L		F	0.033			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-007	86-73-7	Fluorene	N	1.4	ug/L	В	F	0.018			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	67-72-1	Hexachloroethane	N	0.94	ug/L	U N *	F	0.94		J	G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	78-59-1	Isophorone	N	0.2	ug/L	U N *	F	0.2		J	G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	7439-92-1	Lead	Υ	0.74	ug/L	JB	F	0.18		U	G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-006	7439-97-6	Mercury	N	0.045	ug/L	JB	F	0.027		U	G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-007	91-20-3	Naphthalene	N	3.3	ug/L	В	F	0.0051			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	7440-02-0	Nickel	Y	4.8	3		F	0.3			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-007	129-00-0	Pyrene	N	0.32	ug/L	В	F	0.0077			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-006	7782-49-2	Selenium	N	0.37	ug/L	U	F	0.37			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	7440-22-4	Silver	Y	0.033	ug/L	U	F	0.033			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	1330-20-7	Total Xylenes	N	0.35	ug/L	J	F	0.19			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-006	7440-61-1	Uranium	N	0.55	ug/L		F	0.05			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1			G	STD
PLFSYSEFF	TS	1/7/2021	RFS01-02.2101033-005	7440-66-6	Zinc	Y	46	5		F	2		J	G	STD
SPIN	TS	1/13/2021	RFS01-04.2101055-005	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	590	Ŭ		F	1.9			G	STD
SPIN	TS	1/13/2021	RFS01-04.2101055-005	7440-61-1	Uranium	N	67	ug/L		F	0.05			G	STD
SPIN	TS	1/28/2021	RFS01-04.2101056-005	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	600	mg/L		F	1.9			G	STD
SPIN	TS	1/28/2021	RFS01-04.2101056-005	7440-61-1	Uranium	N	64	ug/L		F	0.05			G	STD
SPIN	TS	2/18/2021	RFS01-04.2102057-005	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	560	mg/L	В	F	1.9			G	STD
SPIN	TS	2/18/2021	RFS01-04.2102057-015	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	560	mg/L	В	D	1.9			G	STD
SPIN	TS	2/18/2021	RFS01-04.2102057-005	7440-61-1	Uranium	N	74			F	0.05			G	STD
SPIN	TS	2/18/2021	RFS01-04.2102057-015	7440-61-1	Uranium	N	61	ug/L		D	0.05			G	STD
SPIN	TS	3/1/2021	RFS01-04.2102058-005	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	520	mg/L		F	1.9			G	STD
SPIN	TS	3/1/2021	RFS01-04.2102058-005	7440-61-1	Uranium	N	57	U		F	0.05			G	STD
SPIN	TS	3/18/2021	RFS01-04.2103059-005	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	530	mg/L		F	1.9			G	STD
SPIN	TS	3/18/2021	RFS01-04.2103059-005	7440-61-1	Uranium	N	69	ug/L		F	0.05			G	STD
SPIN	TS	3/31/2021	RFS01-04.2103061-005	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	540	mg/L		F	3.8			G	STD
SPIN	TS	3/31/2021	RFS01-04.2103061-005	7440-61-1	Uranium	N	69	ug/L		F	0.05			G	STD

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SPOUT	TS	1/13/2021	RFS01-04.2101055-006	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.071	mg/L		F	0.019			G	STD
SPOUT	TS	1/13/2021	RFS01-04.2101055-006	7440-61-1	Uranium	N	39	ug/L		F	0.05			G	STD
SPOUT	TS	1/28/2021	RFS01-04.2101056-006	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.1	mg/L		F	0.019		U	G	STD
SPOUT	TS	1/28/2021	RFS01-04.2101056-006	7440-61-1	Uranium	N	49	ug/L		F	0.05			G	STD
SPOUT	TS	2/18/2021	RFS01-04.2102057-006	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.077	mg/L	В	F	0.019		U	G	STD
SPOUT	TS	2/18/2021	RFS01-04.2102057-006	7440-61-1	Uranium	N	45	ug/L		F	0.05			G	STD
SPOUT	TS	3/1/2021	RFS01-04.2102058-006	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.019	mg/L	U	F	0.019			G	STD
SPOUT	TS	3/1/2021	RFS01-04.2102058-015	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.019	mg/L	U	D	0.019			G	STD
SPOUT	TS	3/1/2021	RFS01-04.2102058-006	7440-61-1	Uranium	N	46	ug/L		F	0.05			G	STD
SPOUT	TS	3/1/2021	RFS01-04.2102058-015	7440-61-1	Uranium	N	44	ug/L		D	0.05			G	STD
SPOUT	TS	3/18/2021	RFS01-04.2103059-006	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.066	mg/L		F	0.019			G	STD
SPOUT	TS	3/18/2021	RFS01-04.2103059-006	7440-61-1	Uranium	N	52	ug/L		F	0.05			G	STD
SPOUT	TS	3/31/2021	RFS01-04.2103061-006	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.019	mg/L	U	F	0.019			G	STD
SPOUT	TS	3/31/2021	RFS01-04.2103061-006	7440-61-1	Uranium	N	28	ug/L		F	0.05			G	STD
SW093	SL	1/19/2021	RFS01-01.2103029-006	14596-10-2	Americium-241	N	0.0628	pCi/L	U	F		0.0464		С	GEN
SW093	SL	1/19/2021	RFS01-01.2103029-006	7440-41-7	Beryllium	N	1	ug/L	U	F	1			С	GEN
SW093	SL	1/19/2021	RFS01-01.2103029-006	7440-43-9	Cadmium	Υ	0.3	ug/L	U	F	0.3			С	GEN
SW093	SL	1/19/2021	RFS01-01.2103029-006	7440-47-3	Chromium	N	1	ug/L	U	F	1			С	GEN
SW093	SL	1/19/2021	RFS01-01.2103029-006	PU-239,240	Plutonium-239, 240	N	-0.00318	pCi/L	U	F		0.0141		С	GEN
SW093	SL	1/19/2021	RFS01-01.2103029-006	7440-22-4	Silver	Υ	0.3	ug/L	U	F	0.3			С	GEN
SW093	SL	1/19/2021	RFS01-01.2103029-006	7440-61-1	Uranium	N	3.67	ug/L		F	0.067			С	GEN
SW093	SL	3/23/2021	RFS01-13.2104053-010	14596-10-2	Americium-241	N	0.0161	pCi/L	U	F		0.0125		С	GEN
SW093	SL	3/23/2021	RFS01-13.2104053-010	7440-41-7	Beryllium	N	1	ug/L	U	F	1			С	GEN
SW093	SL	3/23/2021	RFS01-13.2104053-010	7440-43-9	Cadmium	Υ	0.3	ug/L	U	F	0.3			С	GEN
SW093	SL	3/23/2021	RFS01-13.2104053-010	7440-47-3	Chromium	N	1	ug/L	U	F	1			С	GEN
SW093	SL	3/23/2021	RFS01-13.2104053-010	PU-239,240	Plutonium-239, 240	N	0.00647	pCi/L	U	F		0.0135		С	GEN
SW093	SL	3/23/2021	RFS01-13.2104053-010	7440-22-4	Silver	Υ	0.3	ug/L	U	F	0.3			С	GEN
SW093	SL	3/23/2021	RFS01-13.2104053-010	7440-61-1	Uranium	N	1.68	ug/L		F	0.067			С	GEN
WALPOC	SL	1/6/2021	RFS01-13.2103052-003	14596-10-2	Americium-241	N	0.02	pCi/L	U	F		0.0223		С	GEN
WALPOC	SL	1/6/2021	RFS01-13.2103052-003	PU-239,240	Plutonium-239, 240	N	0.0182	pCi/L	U	F		0.0101		С	GEN
WALPOC	SL	1/6/2021	RFS01-13.2103052-003	7440-61-1	Uranium	N	7.39	ug/L		F	0.067			С	GEN
WALPOC	SL	3/23/2021	RFS01-01.2103029-011	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.463	mg/L		F	0.017			G	GEN
WALPOC	SL	3/29/2021	RFS01-13.2103052-004	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	1.7	mg/L		F	0.085			G	GEN
WALPOC	SL	3/29/2021	RFS01-13.2104053-003	14596-10-2	Americium-241	N	0.0156	pCi/L	U	F		0.0134		С	GEN
WALPOC	SL	3/29/2021	RFS01-13.2104053-003	PU-239.240	Plutonium-239, 240	N	0.00649	pCi/L	U	F		0.0135		С	GEN
WALPOC	SL	3/29/2021	RFS01-13.2104053-003	7440-61-1	Uranium	N	8.35	ug/L		F	0.067			C	GEN
WOMPOC	SL	1/4/2021	RFS01-05.2102040-001	14596-10-2	Americium-241	N	0.0151	pCi/L	U	F		0.0128		C	GEN
WOMPOC	SL	1/4/2021	RFS01-05.2102040-002	14596-10-2	Americium-241	N	0.0155	pCi/L	U	D		0.0176		С	GEN
WOMPOC	SL	1/4/2021	RFS01-05.2102040-001	PU-239,240	Plutonium-239, 240	N	0.00319	pCi/L	U	F		0.00987		C	GEN
WOMPOC	SL	1/4/2021	RFS01-05.2102040-002	PU-239,240	Plutonium-239, 240	N	0.00789	pCi/L	U	D		0.0112		C	GEN
WOMPOC	SL	1/4/2021	RFS01-05.2102040-001	7440-61-1	Uranium	N	2.76	ug/L		F	0.067			C	GEN
WOMPOC	SL	1/4/2021	RFS01-05.2102040-002	7440-61-1	Uranium	N	2.83	ug/L		D	0.067			C	GEN
WOMPOC	SL	2/23/2021	RFS01-05.2103041-008	14596-10-2	Americium-241	N	0.00818	pCi/L	U	F	2.007	0.00889		C	GEN
WOMPOC	SL	2/23/2021	RFS01-05.2103041-008	PU-239.240	Plutonium-239, 240	N	0.00804	pCi/L	Ü	F		0.0105		C	GEN
WOMPOC	SL	2/23/2021	RFS01-05.2103041-008	7440-61-1	Uranium	N	3.25	ug/L	-	F	0.067	2.2.00		C	GEN
WOMPOC	SL	3/11/2021	RFS01-01.2103029-010	14596-10-2	Americium-241	N	0.0151	pCi/L	U	F	2.007	0.0157		C	GEN
WOMPOC	SL	3/11/2021	RFS01-01.2103029-010	PU-239.240	Plutonium-239, 240	N	0.00877	pCi/L	Ü	F		0.0173		C	GEN
WOMPOC	SL	3/11/2021	RFS01-01.2103029-010	7440-61-1	Uranium	N	2.52	ua/L	-	F	0.067	2.2.70		C	GEN
WOMPOC	SL	3/23/2021	RFS01-13.2104053-002	14596-10-2	Americium-241	N	0.00809	pCi/L	U	F	2.007	0.0131		C	GEN

Appendix B

Analytical Results for Water Samples-First Quarter CY 2021

RFLMA Data

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER- TAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
WOMPOC	SL	3/23/2021	RFS01-13.2104053-005	14596-10-2	Americium-241	N	0.00411	pCi/L	U	D		0.00969		С	GEN
WOMPOC	SL	3/23/2021	RFS01-13.2104053-002	PU-239,240	Plutonium-239, 240	N	0.00977	pCi/L	U	F		0.0167		С	GEN
WOMPOC	SL	3/23/2021	RFS01-13.2104053-005	PU-239,240	Plutonium-239, 240	N	0.0121	pCi/L	U	D		0.0163		С	GEN
WOMPOC	SL	3/23/2021	RFS01-13.2104053-002	7440-61-1	Uranium	N	1.71	ug/L		F	0.067			С	GEN
WOMPOC	SL	3/23/2021	RFS01-13.2104053-005	7440-61-1	Uranium	N	1.65	ug/L		D	0.067			С	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

DA	ALIDA I I GIT_Q
<null></null>	No qualifiers

F Low flow sampling method used.
G Possible grout contamination, pH > 9.

J Estimated value.

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.

X Location is undefined.999 Validation not complete

LAB QUALIFIERS

Α

Replicate analysis not within control limits.

TIC is a suspected aldol-condensation product.

+ Correlation coefficient for MSA < 0.995.

> Result above upper detection limit.

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.

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).

J 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

Draft 2022 Work Plan

- Cover memo
- Draft work plan

Draft 2022 Budget

- Cover memo
- Draft budget

ROCKY FLATS STEWARDSHIP COUNCIL

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(303) 412-1200

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

MEMORANDUM

TO: Board

FROM: David Abelson & Melissa Weakley

SUBJECT: Draft 2022 Work Plan August 29, 2021

At the September 13th meeting, the Board will begin reviewing its 2022 work plan (draft plan attached). The few changes we are proposing are noted using track changes. With one exception, we believe they are self-explanatory and we will be prepared to answer your questions at the meeting.

The one proposed change requiring a brief explanation is the removal of the Rocky Flats Refuge visitor center. This item is found under both "DOE Management Responsibilities" and "Rocky Flats National Wildlife Refuge." While a final decision has not been made and the money for the visitor center remains available, USFWS is likely shying away from developing that structure, instead focusing it resources and attention on interpretative signage and on-line resources. A greater uncertainty is the timing of this effort. More likely than not, the initiative would not begin in 2022, but in case it does, we want to include the appropriate reference to it in this plan.

Any changes to the draft plan as presented will be incorporated into a revised draft that will be reviewed, modified as necessary, and approved at the November 1, 2021, meeting.

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2022 Work Plan

Draft #1, September 13, 2021

Mission:

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

Background:

The Stewardship Council occupies two roles: (1) serving as the Local Stakeholder Organization (LSO) for Rocky Flats, and (2) engaging the U.S. Fish & Wildlife Service (USFWS) on the management of the Rocky Flats National Wildlife Refuge (Refuge). To help ensure the Board and public understand when the Stewardship Council acts in its capacity as the Rocky Flats LSO and when it engages on issues beyond its scope as the LSO, the plan includes headers indicating "LSO" and "Non-LSO" activities.

Local Stakeholder Organization (LSO)

The Department of Energy (DOE) Office of Legacy Management (LM) approved the LSO Plan for Rocky Flats on December 21, 2005. That Plan identifies how the main responsibilities Congress identified in the legislation authorizing the creation of LSO (Section 3120 of the Fiscal Year 2005 Defense Authorization bill) are to be carried out at Rocky Flats. These responsibilities are summarized as follows:

- Solicit and encourage public participation in appropriate activities relating to the closure and post-closure operations of the site.
- Disseminate information on the closure and post-closure operations of the site to the State, local and Tribal governments in the vicinity of the site, as well as persons and entities having a stake in the closure or post-closure operations of the site.
- Transmit to appropriate officers and employees of DOE questions and concerns of governments, persons, and entities referred to in the preceding bullet.

In fulfilling these responsibilities, the Stewardship Council has been tasked with helping LM meet its public involvement obligations identified in the Legacy Management Public Involvement Plan (LMPIP) for Rocky Flats.

Rocky Flats National Wildlife Refuge (non-LSO activity)

"The Rocky Flats National Wildlife Refuge Act of 2001" established that Rocky Flats shall become a national wildlife refuge following U.S. Environmental Protection Agency (EPA) certification that the site has been cleaned to the agreed-upon regulatory standards. In July 2007, DOE conveyed jurisdictional responsibility of nearly 4,000 acres to the Department of the Interior for the Rocky Flats National Wildlife Refuge. Additional lands were conveyed in 2014.

USFWS opened the Refuge for guided tours in 2015 and for public recreation in 2018. Additional trails will open in the Refuge in the coming years.

Work Plan Elements

The Work Plan is divided into the following five sections:

- 1. DOE Management Responsibilities (LSO activity)
- 2. Former Rocky Flats Workforce (LSO activity)
- 3. Outreach (LSO activity with two exceptions noted)
- 4. Rocky Flats National Wildlife Refuge (non-LSO activity)
- 5. Business Operations (LSO activity)

DOE Management Responsibilities LSO Activity

Overview:

One of the key roles of the Stewardship Council is to understand and engage the various issues regarding the cleanup and post-closure management of Rocky Flats, as well as to provide a forum to foster discussions among DOE, the regulatory agencies, and community members.

2022 Activities:

- Review information regarding the long-term stewardship and management of the Rocky Flats site, including but not limited to the results of the operational and performance monitoring data of site operations and DOE status reports.
- Continue to identify key questions about the cleanup and ongoing management, track the
 effectiveness of site remedies, and understand the impacts to human and ecological receptors. For
 2022, this effort includes being briefed on analyses conducted by DOE, and the Colorado
 Department of Public Health and Environment (CDPHE) of risk and the protectiveness of the
 cleanup remedy.
- 3. Track the progress made in treating contaminated groundwater at the groundwater treatment systems, including the ongoing uranium treatment evaluation at the Solar Ponds Plume Treatment System (SPPTS).
- 4. Track the ongoing investigation into the source(s) of elevated actinide levels found in surface water. Of particular note are the cyclic uranium levels in North Walnut Creek at point of compliance WALPOC, elevated levels of actinides at point of evaluation GS10 on South Walnut Creek, and elevated plutonium levels at point of evaluation SW027 in the Woman Creek drainage.
- 5. Track the ongoing investigation into the presence of per- and polyfluoroalkyl substances (PFAS) in site groundwater and surface water.
- 5.6. Track the effectiveness of the remedy implemented to address slumping at the Original Landfill.

- 6.7. Track issues related to slumping along North Walnut Creek.
- 7.8. Understand the results of any additional sampling conducted off-site and in the Refuge. (Note: The issue is an LSO issue as it goes to the historic use of Rocky Flats as a weapons plant and associated residual contamination.) Continue to participate in Adaptive Management Plan (AMP) meetings, including technical evaluations of data; track implementation of AMP results, which could include breaching the terminal ponds on Woman and Walnut Creeks.
- 8.9. Continue <u>engaging in to track and evaluate</u> DOE, CDPHE, and/or EPA assessment(s) of remedy operations and effectiveness <u>including the CERLCA Five Year Review</u>.
- 9.10. Work with DOE on implementing its LMPIP, including the meetings DOE identified in the LMPIP.
- 40.11. Review DOE budgets for implementation of DOE responsibilities.
- <u>Understand potential legal and regulatory issues regarding implementation of the Rocky Flats Legacy Management Agreement and related site documents; provide this information to the Stewardship Council and to the community.</u>
- <u>12.13.</u> Work with DOE and the regulators to understand technical data regarding implementation and effectiveness of cleanup remedies and long-term controls; communicate this information to the Stewardship Council and to the community.
- 13.14. Transmit to appropriate DOE officers and employees any questions and/or concerns of governments, persons, and entities regarding Rocky Flats.
- 14.15. As opportunities allow, continue to work with DOE on the development of <u>interpretative</u> signage for the Rocky Flats National Wildlife Refugethe <u>visitor center</u>.
- <u>15.16.</u> Support the ongoing efforts of the Rocky Flats Cold War Museum to educate successive generations about the history of Rocky Flats, particularly about residual contamination and continued need for long-term stewardship.
- 16.17. Track the development of the Jefferson County Parkway as it relates to Rocky Flats.
- <u>17.18.</u> Track Congressional actions/decisions affecting potential mineral development at Rocky Flats and engage as needed.
- **18.** Examine the potential impacts of climate change on site remedies, focusing on climate adaptation and resilience, including shock events and changes over the long term.

Former Rocky Flats Workforce LSO Activity

Overview:

Many of the former site workers are the constituents of the Stewardship Council governments. Further, the Rocky Flats Homesteaders, which represents more than 1,800 former site workers, sits on the Board of the Stewardship Council. For these and other reasons, as noted in the Stewardship Council's Intergovernmental Agreement, worker issues will, as needed, continue to be an important component of the Stewardship Council's work. At this time, worker issues largely revolve around claims under the Energy Employee Occupational Illness Compensation Program Act (EEOICPA). Workers address claims on an individual basis.

2022 Activities:

1. Forward worker concerns, as necessary.

Outreach LSO Activity (two exceptions noted)

Overview:

As the LSO for Rocky Flats, a core responsibility for the Stewardship Council is providing a forum to help engage people on Rocky Flats and the ongoing management needs. As part of this mission, it remains essential that the Stewardship Council maintain close communications with DOE, EPA, CDPHE, and Congress.

The local communities have developed over the period of many years a very good working relationship with the two primary regulatory agencies that oversee the site, EPA and CDPHE. It is imperative that the Stewardship Council continue this tradition of partnership with these agencies.

The Colorado congressional delegation likewise plays a critical role in addressing Rocky Flats issues. The Stewardship Council shall remain an important mechanism for addressing questions and concerns of the delegation, as well as providing ongoing interface with the delegation on site-specific issues and concerns.

2022 Activities:

- 1. Hold quarterly Board meetings and provide opportunity for comment and dialogue.
- 2. Communicate with other local officials, DOE, state and federal regulators, the Colorado congressional delegation, and other stakeholders about the Stewardship Council's mission and activities, as appropriate.
- 3. Take public comment on issues related to DOE and USFWS responsibilities at Rocky Flats.¹
- 4. Evaluate Congressional action affecting DOE and USFWS and administrative action that could affect Rocky Flats.²
- 5. Maintain communication with federal and state legislators, as appropriate, and track potentially impactful federal and state legislation as needed.
- 6. Provide opportunities at meetings and in between meetings for education on site-related issues and relevant feedback.
- 7. Work with DOE to disseminate information on the cleanup and post-closure operations of Rocky Flats.
- 8. Participate in local, regional and national forums.
- Implement mechanisms for the Stewardship Council and the general public to be informed of the
 results of monitoring data and other relevant site-specific information, recognizing that not all
 communication between DOE and Rocky Flats constituencies will flow through the Stewardship
 Council.

Rocky Flats National Wildlife Refuge Non-LSO Activity (one exception noted)

Overview:

One of the Stewardship Council's roles is to engage on issues related to the development and management of the Refuge. In September 2018, USFWS began allowing public recreation at the Refuge.

¹ Issues related to USFWS are a non-LSO activity.

² Issues related to USFWS are a non-LSO activity.

In addition, USFWS and DOE are discussing a partnership to develop a visitor's center. That center would be sited on refuge lands, with USFWS taking lead on the public engagement process. As the LSO for Rocky Flats, the Stewardship Council would work with DOE on that agency's role in developing the visitor center. (That work with DOE is an LSO activity.) USFWS would take lead on public engagement; Stewardship Council members may be involved in that process.

The items identified in this part of the work plan only concern USFWS.

2022 Activities:

- 1. Reengage USFWS with the goal of obtaining ongoing briefings on management issues, visitor data, and other pertinent information related to the Rocky Flats Wildlife Refuge and Rocky Flats.
- 2. Track agency and Congressional action affecting funding for USFWS and the Refuge. Engage as needed.
- 3. Track issues related to the development of <u>interpretative signage for</u> the Rocky Flats <u>National</u> <u>Wildlife Refugevisitor center</u>.³ Engage as needed.
- 4. <u>Continue to track issues related to the development of trails on the Rocky Flats National Wildlife</u>

 <u>Refuge Be apprised of the Refuge site conservation plan, with an emphasis on the proposed trail plan.</u>
- 5.1. Forward information regarding the Refuge to the Board and the public, as appropriate.
- 5. Track issues related to the development of a trail network connecting the <u>Rocky Flats National Wildlife</u> Refuge, Rocky Mountain Arsenal National Wildlife Refuge, Two Ponds National Wildlife Refuge, and Rocky Mountain National Park.
- 6. Forward information regarding the Refuge to the Board and the public, as appropriate.

Business Operations LSO Activity

Overview:

Business Operations refers to organizational management responsibilities—conducting the annual audit, submitting financial reports to DOE, adopting the annual Work Plan and annual budget, etc.

2022 Activities:

- 1. Work with DOE to ensure the Stewardship Council continues to meet its responsibilities as the LSO for Rocky Flats.
- 2. Operate the Stewardship Council in compliance with state and federal regulations.
- 3. Conduct a financial audit.
- 4. Prepare and adopt the annual work plan and the annual budget.
- 5. Submit financial reports to DOE.
- 6. Review, and renew as necessary, consulting agreements.
- 7. Provide an annual report on activities.
- 8. Appoint community members to the Board (two seats).
- 9. Finalize the triennial review.

³ As noted above, as the LSO for Rocky Flats, the Stewardship Council will work with DOE on that agency's partnership with USFWS in developing interpretative signage role in developing the visitor center. The item identified in this part of the work plan only concerns USFWS's role.

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MEMORANDUM

TO: Board

FROM: David Abelson

SUBJECT: Initial review of 2022 budget

DATE: August 30, 2021

Attached for your review is the first draft of the Stewardship Council's fiscal year 2022 budget. As a unit of local government under the Colorado Constitution, the Stewardship Council must review the budget at this meeting and hold a budget hearing at a second meeting prior to adopting a final budget. The budget hearing will be held at the November 1st meeting, at which time the Board will adopt the budget.

Budget Overview

As is the case each year, the budget is for more than the anticipated costs (approximately 11% above projected costs). Over-budgeting provides the Board latitude in how it manages expenditures without requiring supplemental budgeting should expenditures increase. Over the past number of years, organizational costs have remained relatively level, though 2021 was below average due to Covid.

The 2022 budget is essentially the same budget that the Board approved for 2021.

Please let me know what questions you have.

ROCKY FLATS STEWARDSHIP COUNCIL

2022 Budget -- Draft #1, September 13, 2021

				 2022 Budget Amounts	E	2022 Anticipated xpenditures	2	021 Budget		2021 Actual/ Projected Expenses*		1 Budget vs. 2020 ual/Projected Expenses		2020 Expenses
A.	Personnel			\$ 93,000.00	\$	93,000.00	\$	93,000.00	\$	93,000.00	\$	-	\$	93,000.00
	Executive Director and Technical Advisor	or (\$77	50/month)											
В.	Fringe Benefits			\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
	Staff are contractors													
C.	Travel			\$ 7,300.00										
	Out of State National DOE-related trips	\$	6,100.00		\$	6,100.00	\$	6,100.00	\$	3,376.00	\$	(2,724.00)	\$	450.00
	Local Travel \$100/month for 12 months	\$	1,200.00		\$	1,000.00	\$	1,200.00	\$	211.00	\$	(989.00)	\$	295.00
D.	Computer Equipment			\$ 500.00	\$	-	\$	500.00	\$	-	\$	(500.00)	\$	-
	Purchase misc. hardware, software													
E.	Supplies			\$ 1,200.00	\$	100.00	\$	1,200.00			\$	(1,200.00)	\$	50.00
	Supplies (\$100/month)													
F.	Contractual			\$ 39,500.00										
	Attorney & Accounting Services Legal Services (\$1400/ month) Accounting (\$850/month) Audit Report	\$ \$ \$	16,800.00 10,200.00 6,500.00		\$ \$ \$	16,000.00 5,800.00 4,200.00	\$ \$ \$	16,800.00 10,200.00 6,500.00	\$ \$ \$	16,088.00 4,382.00 4,000.00	\$ \$ \$	(712.00) (5,818.00) (2,500.00)	\$ \$ \$	14,264.00 4,480.00 4,000.00
	Admin. Services Misc. Services: bank fees, etc. Minutes Preparation (5 meetings)	\$ \$	1,000.00 3,000.00		\$ \$	100.00 2,500.00	\$ \$	1,000.00 3,000.00	\$ \$	84.00 1,431.00	\$ \$	(916.00) (1,569.00)	\$ \$	374.00 1,765.00

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	Local Government Expenses Miscellaneous expenses not covered to (includes meeting expenses and non-L				\$	1,500.00	\$	2,000.00	\$	254.00	\$	(1,746.00)	\$	488.00
G.	Construction		,	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
	None													
Н.	Other			\$ 14,600.00										
	Printing & Copy	\$	2,000.00		\$	250.00	\$	2,000.00	\$	-	\$	(2,000.00)	\$	-
	Postage \$125/month for 12 months	\$	1,500.00		\$	300.00	\$	1,500.00	\$	580.00	\$	(920.00)	\$	564.00
	Liability Insurance Property Contents/General Liability Board Members	\$ \$	500.00 3,500.00		\$ \$	500.00 3,500.00	\$ \$	500.00 3,500.00	\$ \$	500.00 2,768.00	\$ \$	- (732.00)	\$ \$	500.00 2,974.00
	Telephone, email, etc.	\$	2,700.00		\$	2,400.00	\$	2,700.00	\$	1,672.00	\$	(1,028.00)	\$	1,500.00
	Website Hosting Web master	\$ \$	500.00 1,500.00		\$ \$	- 500.00	\$ \$	500.00 1,500.00	\$ \$	-	\$ \$	(500.00) (1,500.00)	\$ \$	
	Subscriptions/Memberships ECA membership Conference registration fees Newspapers	\$ \$ \$	950.00 800.00 650.00		\$ \$ \$	950.00 800.00 -	\$ \$ \$	950.00 800.00 650.00	\$ \$ \$	950.00 550.00 -	\$ \$	- (250.00) (650.00)	\$ \$ \$	950.00 - -
J.	Indirect Costs			\$ -			\$	-	\$	-	\$	-	\$	-
то	N/A TAL PROPOSED BUDGET			\$ 156,100.00	\$	139,500.00	\$	156,100.00	\$	129,846.00	\$	(26,254.00)	\$	125,654.00

REVENUE FOR 2022

Local government contributions\$ 10,000.00Department of Energy grant\$ 139,000.00

Page 2 of 4 Printed 8/30/2021

RFCLOG carry-over \$ 7,100.00

TOTAL \$ 156,100.00

*2021 Actual/Projected Expenses = actual January through July; projected August through December

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Appendix

• Acronym List

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.
АМР	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.
В	boron	An inorganic compound that has been found in some surface water and groundwater samples at Rocky Flats.
Ве	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.
ВМР	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.
ССР	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	The treatment system near the location of the East Waste
	Treatment System	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	The federal law that regulates federal advisory boards. The law
	Act	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	Congressional investigative office that reports to Congress.
	Office	
g	gram	A metric unit of mass.
gpm	gallons per minute	A volumetric measure of water flow.
GWIS	Groundwater Intercept	A below-ground system that directs contaminated groundwater
	System	toward the Solar Ponds Plume and East Trenches Plume
		Treatment Systems.
IA	Industrial Area	The central core of Rocky Flats where all manufacturing activities
	<u> </u>	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
104	ļ.,	human exposure to residual contamination.
IGA	intergovernmental	A cooperative agreement between local governments that
HICC	agreement	establishes the framework of the Stewardship Council.
IHSS	Individual Hazardous	A name given during cleanup to a discrete area of known or
	Substance Site	suspected contamination. There were formerly over two hundred
ITPH	intercenter transh numn	IHSSs at Rocky Flats. The location where contaminated groundwater collected by the
ПРП	interceptor trench pump	interceptor trench is pumped to either the Solar Ponds Plume
	house	Treatment System or the East Trenches Plume Treatment System.
L	liter	Metric measure of volume (slightly larger than a quart).
LANL	Los Alamos National	One of the US government's premier research institutions located
LAINL	Laboratory	near Santa Fe, NM. LANL is continuing to conduct highly
	Laboratory	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	Hydrogeological term for deep unweathered bedrock that is
1.150	unit	hydraulically isolated from the upper hydrostratigraphic unit (see
		UHSU). Data show that site COCs have not contaminated the
		LHSU.
		1

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.
мои	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	The nuts-and-bolt guide for post-closure site activities performed
	Guide	by DOE and its contractors.
RSAL	Radionuclide Soil Action	Concentration of radionuclide in soil above which remedial action
	Level	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
CDDTC		around Pond C-2 through the Woman Creek Diversion Canal.
SPPTS	Solar Ponds Plume	Engineered system designed to treat groundwater contaminated
	Treatment System	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	Organic compounds that are not as volatile as solvent-related
30003	compounds	VOCs. SVOCs are found in many environmental media at Rocky
	Compounds	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
TCL	themoroethylene	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	A hydrogeological term describing the surficial materials and
	unit	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	The agency within the US Department of the Interior that is
	Service	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	A regulatory term used to describe residual risk remaining after a
	unrestricted exposure	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	The surface water Point of Compliance on Walnut Creek, at the
	Compliance	COU boundary.
WCRA	Woman Creek Reservoir	The group composed the cities of Westminster, Northglenn, and
(or "the Authority")	Authority	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
TATOMADOC.	Manage Const. Batter C	Woman Creek Reservoir.
WOMPOC	Woman Creek Point of	The surface water Point of Compliance on Woman Creek, at the
WOCC	Compliance	COU boundary.
WQCC	Water Quality Control Commission	State board within CDPHE tasked with overseeing water quality
	Commission	issues throughout the state. DOE has petitioned the WQCC
WRW	Wildlife Befuge Worker	several times in the last few years regarding water quality issues.
	Wildlife Refuge Worker zero valent iron	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.