ROCKY FLATS STEWARDSHIP COUNCIL

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

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

Board of Directors Meeting – Agenda

Monday, November 18, 8:30 – 11:00 AM

Rocky Mountain Metropolitan Airport, Terminal Building, Mount Evans Room
11755 Airport Way, Broomfield, Colorado

8:30 AM Convene/Introductions/Agenda Review

8:35 AM Public Comment: Comments will be limited to the Consent Agenda and non-agenda items.

8:50 AM Business Items (briefing memo attached)

1. Consent Agenda
   - Approval of meeting minutes and checks

2. Executive Director's Report

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

- DOE will brief the Stewardship Council on site activities for the second quarter of 2019 (April - June).
- DOE has posted the report on its website and will provide a summary of its activities to the Stewardship Council.
- Activities include surface water monitoring, groundwater monitoring, ecological monitoring, and site operations (inspections, maintenance, etc.).

Public Comment on DOE's Quarterly Report: Comments must focus on DOE's Quarterly Report.

10:00 AM CDPHE Update on State's Response to Plutonium Hot-Spot Along Indiana Street (briefing memo attached)

- Jennifer Opilia, Division Director, Hazardous Material and Waste Management Division, will provide a brief update followed by Q&A.

Public Comment on CDPHE's Update: Comments must focus on CDPHE's Update.

10:30 AM Board Approval of 2020 Work Plan (briefing memo attached)

- The Board reviewed the draft 2020 Work Plan at the September meeting.
- No changes were offered at the meeting.

Action Item: Approve 2020 Work Plan

10:35 AM Board Approval of 2020 Budget (briefing memo attached)

- The Board reviewed the draft budget at the September meeting. No changes were offered.
- Prior to finalizing the budget, the Board must hold a budget hearing and allow time for public comment.
- Following the public hearing, the Board must approve the budget resolution.

Action Item: Hold fiscal year 2020 budget hearing and approve resolution adopting the budget

10:45 AM New Member Selection

- Two organizations applied for membership to the Rocky Flats Stewardship Council.
- The governments will vote to approve up to two organizations for Board membership.

Action Item: Discuss the applicants and make the appointments

10:50 AM Board Roundtable – Big Picture/Additional Questions/Issue Identification

Adjourn

Upcoming Meetings:
February 3, 2020
April 6, 2020
June 8, 2020

Business Items

- September 9, 2019, draft board meeting minutes
- Stewardship Council checks

DOE Quarterly Report

- Cover memo
- Selection of Quarterly Report
- Original Landfill Stabilization Project Press Release

ROCKY FLATS STEWARDSHIP COUNCIL
Monday, September 9, 2019, 8:30 AM – 11:45 PM
Rocky Mountain Metropolitan Airport, Terminal Building, Mount Evans Room
11755 Airport Way, Broomfield, Colorado

Board members in attendance: Mark McGoff (Director, Arvada), Sandra McDonald (Alternate, Arvada), Lisa Morzel (Director, City of Boulder), Matt Jones (Director, Boulder County), Summer Laws (Alternate, Boulder County), Mike Shelton (Director, Broomfield), David Allen (Alternate, Broomfield), Jim Dale (Director, Golden), Libby Szabo (Director, Jefferson County), Pat O'Connell (Alternate, Jefferson County), Joyce Downing (Director, Northglenn), Shelley Stanley (Alternate, Northglenn), Mark Lacis (Director, Superior), Ken Lish (Alternate, Superior), James Boswell (Alternate, Thornton), Kathryn Skulley (Director, Westminster), Lindie Aragon (Alternate, Westminster), Jeannette Hillery (Director, League of Women Voters), Roman Kohler (Rocky Flats Homesteaders), Arthur Widdowfield (Director, Rocky Flats Cold War Museum), Ken Freiberg (Alternate, 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), Erin Rogers (consultant).

Attendees: Scott Surovchak (DOE-LM), Jeremy Wehner (Navarro), John Boylan (Navarro), Linda Kaiser (Navarro), Ryan Wisniewski (Navarro), Nicole Lachance (Navarro), Chris Stewart (Navarro), Bob Darr (Navarro), George Squibb (Navarro), Jennifer Opila (CDPHE), Lindsay Masters (CDPHE), Lindsay Archibald (CDPHE), Karen McGowan (CDPHE), Vera Moritz (EPA), Trea Nance, John Aguilar (Denver Post), Patricia Calhoun (Westword), James Thompson (Sen. Bennett's office), Ryan Hanson (Sen. Gardner's office), Carl Spreng, Mary Fabisiak, Judith Mohling, Neshama Abraham, Gary Scofield, Max Dodson, David Williams, Erik Sween, Lynn Segal, Randy Stafford.

Convene/Agenda Review

Jeannette Hillery convened the meeting at 8:33 a.m. David Abelson noted that there was a film crew in attendance. The first order of business was introductions of Board members and the audience.

Public Comment

Lynn Segal said her family came to the area in 1957. She said she was at this meeting on behalf of her mother, and that her dad was in aerospace industry. She said that prairie dogs at Rocky Flats are digging up plutonium, and that people and kids should not be on the site.

Gary Scofield posed a question that he said he had not seen answered in the media. In reference to a past election/referendum regarding the Jefferson Parkway, he said he thought it was voted down. Mike Shelton said he believed the vote he was referring to was regarding a tax, not the routing of the road. Gary was also referred to an upcoming Jefferson County Parkway Authority meeting.

Consent Agenda

The Board moved on to the consent agenda, which included approval of the minutes from the last meeting and the checks written since the last meeting. One change to the minutes was offered – Sandra McDonald's name was spelled wrong.

Roman Kohler moved to approve the June Board minutes as amended. The motion was seconded by Lisa Morzel. The motion passed 14-0.

Kathryn Scully moved to approve the checks. The motion was seconded by Joyce Downing. The motion passed 14-0.

Executive Director's Report

David Abelson noted that the Stewardship Council had not yet received a response to its letter regarding potential oil and gas development. David said he had been told that a joint agency response was in process.

Next, David provided an update about some false information that had been circulating related to a recent meeting among homeowners in the Candelas neighborhood. Due to the news of the recent sampling result for a high level of plutonium, this meeting drew approximately 80-100 residents. According to reports, it was incorrectly stated that it was a Stewardship Council meeting, that David was in attendance, and that some people who were not homeowners and did not live in Candelas were asked to leave. There were Facebook posts that contained a great deal of false information. David said that Kim Griffiths was the only Board member there and she clearly stated that she was not representing the Board. David too was not at the meeting.

There was an email sent to David and members of the Executive Committee from attorney Ann Marie Cording. The letter requested that the Stewardship Council put pressure on USFWS about the prairie dog relocation issue and to inform them they were breaking the law. David and others decided this was not a Stewardship Council issue. He said that some Board members were being contacted individually as well, and that individual governments could take on this issue if they would like. A court brief on this topic was also filed recently.

David proceeded to caution to Board members to be aware of a potential tactic being used by some parties to 'divide and conquer' members of the Stewardship Council. He just said to watch out for this, and to come to him with any questions.

Mark Lacis noted that the Executive Committee decided on behalf of the Board not to get involved in prairie dog issue, and asked whether the Stewardship Council ever weighed in on prairie dog relocation. He said he would prefer that the full Board decide whether or not to address this topic. David Abelson offered that the Board could always add this to an upcoming agenda during the Big Picture discussion, but also that it must be thoughtful about which part of the issue would be discussed and whether it relates to Board's mission. He said that there could also be jurisdictional issues among counties to consider, as provided under state law. Lisa Morzel said that the Board had reviewed this previously, and that the issue was being blown out of proportion. She said that bioturbation and cyroturbation would always be taking place at Rocky Flats and everywhere else. She said that the idea of prairie dogs digging up contamination is a red herring, ill-informed and not ground in science. She added that she was grateful to the US Fish and Wildlife Service for doing such extensive recent soil sampling. Libby Szabo also pointed out that there was an existing process among governmental agencies that deals with this issue. Mike Shelton said Broomfield was relocating some prairie dogs to areas near Great Western Reservoir. Part of this had been approved, but they were still looking at the issue. Mark Lacis said he

would like Kim Griffiths to brief the group about the key messages from the Candelas meeting and what was communicated to the public.

Joyce Downing took over as Chair of the meeting.

CDPHE Soil Sampling Update

Lindsey Masters, Rocky Flats Project Manager for the Colorado Department of Public Health and Environment (CDPHE), was asked to provide a short update on her agency's review of the Jefferson Parkway Public Highway Authority (JPPHA) soil sampling program. David cautioned that all questions would not be answered due to the limited information available at this time.

Lindsey provided information about the plutonium sample from JPPHA that came back at 264 picocuries per gram (pCi/g). This sample was one of about 250 surface soil samples that were taken. The sample was re-tested, and a value of 1.5 pCi/g was found. She said the rest of samples would not be available until the end of the year. She said that, although CDPHE did not have legal jurisdiction in this area, all agencies encouraged the JPPHA to conduct additional 'step-out' samples. She said that JPPHA agreed to do this and these results should be available by the of the month. Lindsey reported that CDPHE did not believe there was any immediate health threat based on this one sample result. She said that they would be proceeding through a data-driven process.

Mike Shelton asked about what process was used to re-test the sample. Lindsey said that CDPHE was still trying to clarify that with JPPHA. Summer Laws said she was also looking for clarification on same issue, and was wondering whether a separate portion of the sample was tested. Shelley Stanley asked Lindsey to explain step-out sampling. Lindsey said they would look at other locations within the sample area to get statistically representative samples. Ken Lish asked for clarification about who was doing the sampling and was told it was the Parkway Authority. Mark Lacis wanted to know exactly where the sample in question was taken. Lindsey said it was right in the middle of the wind-blown area, just south of the old access road. Lisa Morzel told Ken Lish that there was a map showing the location in the report. Lindie Aragon asked Lindsey to explain the reference to 8.8 microns in the report. Lindsey said that was another thing they were trying to find out. James Boswell asked if JPPHA had agreed to do what CDPHE was recommending. Lindsey said that was their understanding. He also asked if any of the split samples were sent to different labs. She said that they did not have QA/QC or other lab information yet. David Abelson noted that the sampling that found the elevated plutonium was not required legally. Mike Shelton asked if CDPHE was coordinating with Michael Ketterer. Lindsey said they were aware of his work, and if he wanted to send his results to them for review that they would be interested. Mike also stated that Dr. Ketterer was supposed to receive split samples from the Parkway Authority. Lindsey said that JPPHA was still working on collection and analysis of their planned 250 samples, and that this data was expected by the end of the year. Additional step-out sampling related to the elevated result should be complete by the end of September. Lindsey was asked whether CDPHE had received answers to questions they had submitted to JPPHA. She said most of this would occur once the step-out samples were processed. David Abelson noted that the fact that there was a hotspot was not surprising, in fact it was expected. However, the thing that was surprising was how high this one sample appeared to be.

Shelley Stanley asked if no other samples came back above 50 pCi/g whether that first sample could cause issues with construction. Lindsey said that the 264 pCi/g was still within the federal risk levels, but they would have to look at the additional information to make that determination. Mike Shelton noted that the result was above the Rocky Flats cleanup standard. Lindsey clarified that 50 pCi/g was a trigger

level for cleanup. However, now they look at other standards. Pat O'Connell said he believed that JPPHA would potentially need three permits from the State. Lindsey said she believed this was true. Jim Dale asked her to explain the federal risk range. Lindsey said it was based on a CERCLA risk assessment, using a refuge worker/visitor scenario and that the maximum safe level was about 900 pCi/g.

Randy Stafford, Jefferson County resident, asked about the Rocky Flats Cleanup Agreement (RFCA) process for this. Lindsey said that RFCA was outdated and that the current agreement was the Rocky Flats Legacy Management Agreement (RFLMA). Randy said he heard that CDPHE determined no action was necessary for this elevated sample. He said he had a phone call with CDPHE and drew that conclusion. Lindsey re-iterated that CDPHE did not have regulatory authority over soil sampling; however, they endorsed the plan to conduct additional step-out sampling and JPPHA agreed to do this. I response to a statement from Randy concerning state authority over radionuclides, David Abelson clarified that EPA had authority under CERCLA, while the State had hazardous waste authority. Randy asked what would happen if the CERCLA risk ranges were wrong, and brought up cancer/death statistics of surrounding residents. Lindsey replied that CDPHE had completed three cancer studies around Rocky Flats, and that they also collect information about every cancer diagnosis in the state. There was a 2017 supplementary study on rare cancers in neighborhoods surrounding Rocky Flats and no correlation was found.

Matt Jones asked if CERCLA authority was delegated to the State from EPA. Lindsey said it was not.

Host DOE Quarterly Meeting

DOE was on hand to brief the Board regarding site activities for the first quarter of 2019. The full report was posted on the Rocky Flats website. 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 monitoring requirements and map of locations and monitoring sites, also what constituents they monitor.

Routine surface sampling in Woman Creek, downstream of the Original Landfill (OLF) (GS59) during the first quarter of 2019 showed mean concentrations for all analytes below applicable RFLMA water-quality standards. At this location, they look at metals, VOCs and uranium. All samples at the Present Landfill (PLF) were also below applicable standards.

Point of Evaluation (POE) monitoring included location SW027. At this location, 12-month rolling average plutonium concentrations were reportable from June 2018 through March 2019. This average was calculated from a single sample collected in 2018 with 0.16 picocurie per liter (pCi/L) of plutonium (the standard is 0.15 pCi/L). There was only 10 days of flow at SW027 in all of 2018, and no flow June 2018 through March 2019. George said that this sample would likely have to be discarded at the end of year and they would start fresh with a new sample. Concentrations at the Woman Creek Point of Compliance (WOMPOC), downstream of SW027, were not reportable. No other RFLMA Point of Evaluation (POE) analyte concentrations were reportable during the first quarter of 2019, and no Point of Compliance (POC) concentrations were reportable either.

Groundwater Monitoring – John Boylan
John first reviewed the RFLMA monitoring network, which includes:

- 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)

John noted that the first quarter was a light sampling period as only RCRA wells were sampled. Results were generally consistent with previous data. Analytical methods were updated to reflect the latest RFLMA revisions (effective January 1, 2019). The data will be evaluated as part of the 2019 annual report.

Treatment system activities included routine maintenance at the Mound Site Plume Collection System, East Trenches Plume Treatment System, and Solar Ponds Plume Treatment System (SPPTS). There was also a Uranium Treatment Component at SPPTS which involved the development of a procurement strategy and package. This will include confirmatory and pilot testing to support selection of the treatment method. Design will follow completion of testing.

Shelley Stanley asked if uranium treatment would follow the nitrate treatment. John said it may, but the subcontractor would be making this determination. David Allen noted that 10304 was reportable previously and asked about the outcome. John said that reportable TCE remained in groundwater adjacent to Woman Creek. The agencies have engaged in consultation. In grab samples, the last result was a non-detect. He added that these results were expected when wet conditions were seen based on Ryan's Pit/903 Pad plume projections. However, the long-term trend has been downward since it reached its highest point in 2016. Sandra McDonald asked if GS51 was also a non-detect. John said that this location was not analyzed for VOCs.

Site Operations – Jeremy Wehner
Jeremy reported on the RFLMA annual site inspection, which was conducted on March 26, 2019. The scope of this activity was to inspect the site and monitor for evidence of significant erosion and violation of institutional controls. They verified that the restrictive notice for the COU remains in the Administrative Record and on file with Jefferson County. Also, they found no evidence of institutional or physical controls violations. They identified some items as debris and trash that were picked up or subsequently removed. Animal burrows were observed, and a couple of areas showed minor depressions, although none required immediate action.

Ken Lish referred to a statement Jeremy made about needing to mark a certain location and asked what they had to go back to retrieve. Jeremy said this referred to something like a large piece of plastic or debris.

Quarterly sign inspections are part of RFLMA physical control requirements. Signs were inspected on February 28, 2019, and all were in good condition and legible.

Jeremy also reported on three monthly inspections at the OLF (January 17, February 15, and March 18, 2019). A few 0.5”-2.0” holes were found between berms 1A and 2. Jeremy said that the March 18 inspection was also a weather-related inspection. No weather-related deficiencies were noted (snowmelt). Settlement monuments were surveyed on March 6, and vertical settling was within design limits. A Geotechnical slope stability evaluation was completed in September 2018. Design of a slope stabilization project was in process.

Mike Shelton asked about the 0.5”-2.0” holes that Jeremy referenced and wondered whether that referred to depth or diameter. Jeremy said it was diameter and added that these holes were about a foot deep.

Jeremy reported that the East Subsurface Drain continues to function as designed. The Seep 10 siphon operated during the last few days of the quarter. Since season startup on March 27, approximately 1,600 gallons were diverted by the end of March. This water would historically come to surface and run across the slump area to the East Perimeter Channel, saturating and potentially destabilizing this area. The temporary groundwater intercept system was not operated due to winter conditions.

The PLF quarterly inspection was performed on February 19, and a weather-related inspection on March 18. Jeremy said that the landfill is in good condition. Some minor maintenance work was done at the Present Landfill Treatment System outlet during the quarter.

At former Building Areas 371, 771, 881, and 991, a weather-related COU inspection was conducted on March 18, following a storm event. This was also the quarterly best management practice inspection for these areas, including routine inspection for erosion and subsidence. No new issues were identified.

Jeremy next reported on the North Walnut Creek Slump, where a geotechnical evaluation continues. There is also continued data collection from piezometers where possible. Slump monitoring points were surveyed on January 3, February 4, and March 6. Movement was found to be approximately 12 inches vertically. The scarp crack has largely remained closed due to elk traffic in the area, and small cracking has developed in the ITSS access road.

Lastly, Jeremy noted that no road maintenance was conducted during the first quarter of 2019, and that maintenance of site roads was being planned for summer (July).

Jeremy was asked whether soil anchoring work on the OLF had started. He said that the contractor was mobilized and set up, and the site was hoping to issue notice to proceed within a week. Ken Lish referred to the previous conversation about prairie dogs/burrowing animals and asked whether this could be dangerous within the COU. Jeremy said they were getting near the fence, but were not on the COU. Regarding prairie dogs, David Abelson noted that the possibility of contamination coming to the surface through this type of process (bioturbation) was analyzed during the cleanup process. Mike Shelton asked whether the conclusion was to keep prairie dogs off of the COU. David said he did not recall specifics, but that it should not have changed the risk analysis. Mike asked if it was DOE policy to keep prairie dogs off the COU. David said it was, but not in the Refuge. Lynn Segal asked about the non-functional monitors along the North Walnut Creek slump area. Jeremy said that they got the groundwater data they needed from these monitors and that they were no longer needed.

2020 Work Plan – Initial Review

The Board began work to review and edit its draft 2020 work plan. Formal approval of the work plan was scheduled to take place at the October 28th meeting. David noted three additions that had been proposed.

1. Continue to engage issues regarding soil sampling programs (USFWS, Parkway Authority, local government testing through the FLAP grant, and Downwinders.)
2. Slumping on North Walnut Creek
3. Bill by Rep. Neguse regarding acquisition of minerals on CERCLA sites (David does n'ot think this will proceed during this Congress).

Other than these changes, the work plan would remain the same. David asked for Board comments.

Mark Lacis said he would like to have more information from DOE/USFWS on their positions related to prairie dogs in the Refuge. Mark said he wanted to know if there was any underlying risk, and if so, what the impacts would be. David said these issues were already covered in the work plan. Mark responded that this issue merited being called out separately and to discuss the issue at the October 2019 meeting, and that he wanted to know policies/positions of the various agencies on this topic. Lisa Morzel asked whether the current litigation against USFWS meant that they could not present information to the Stewardship Council. David said that there were two cases and that Superior's lawsuit affects USFWS' ability to brief the Stewardship Council. Mark asked which entity would be most appropriate to present prairie dog information. David responded that DOE and CDPHE could undertake the briefing. He said the briefing would not be a difficult briefing as data to support the regulatory position already existed. He said these questions had been addressed before, but they can revisit it within the current context. Mike Shelton suggested the Board look at the 'why' regarding how standards were set, what were models, statistics, etc. Jim Dale asked if there would be a reason to get an annual update from USFWS on Refuge issues. David said they would not be able to do this because of the Superior lawsuit.

2020 Budget – Initial Review

The Board began review of the draft 2020 budget. The budget hearing and adoption of the 2020 budget will take place at the October 28th meeting. David explained that the Stewardship Council's budget was by design greater than anticipated expenditures. This was done each year in order to avoid the need for supplemental budget hearings. David said there were no significant changes in the draft budget from 2019. He said that the largest expenses were controlled by the Board, such as the management contract and legal services. The Board had no questions or comments.

Board Roundtable – Big Picture/Additional Questions/Issue Identification

Jeannette Hillery encouraged all local governments to address the 2020 Census, which is scheduled for April 2020. She advised that they make sure their low income, senior communities, and remote areas were all covered.

Kim Griffiths shared the website rockyflatsneighbors.org. She said that the slide deck from the 8/27/19 Candelas meeting could be found on the 'Documents' tab.

Mike Shelton said that Broomfield was considering an item to relocate prairie dogs to Rocky Flats at the City Council meeting that week. Information was available on the city website, agenda item 11a.

Murph Widdowfield announced an opportunity for the Museum to raise funds through the Amazon Smile program. He encouraged fellow Board members to use this program and to designate RFCWM as a recipient.

October 28, 2019

Potential Business Items

- Adopt 2020 Work Plan and Budget
- New Member Interviews/Appointments

Potential Briefing Items

- DOE Quarterly Update
- Possible Jefferson Parkway sampling update?
- Briefing re: today's discussion on contamination levels, standards, etc. (depending on how many new board member applications are received)
- TBD

February 3, 2020

Potential Business Items

- Elect 2020 Officers
- Adopt resolution re: 2020 meeting dates

Potential Briefing Items

- DOE quarterly update
- TBD

Issues to watch:

- Soil sampling results
- Dam Breach
- Uranium exceedances in surface water
- Trichloroethylene (TCE) exceedances in groundwater

EXECUTIVE SESSION

At 10:40 a.m. Joyce Downing made a motion to move into Executive Session for the purpose of discussing Stewardship Council personnel contracts for 2020, authorized pursuant to Section 24-6-402(4)(e) & (b), C.R.S., to determine positions relative to matters that may be subject to negotiation, and conferencing with the attorney on such matters. Lisa Morzel seconded the motion. The motion passed 14-0.

The Board reconvened from Executive Session at 11:03 a.m. and affirmed that no actions had been taken during Executive Session.

The meeting was adjourned at 11:03 a.m. *Respectfully submitted by Erin Rogers.*

Rocky Flats Stewardship Council
Check Detail 2019
August 14 through October 7, 2019

Type	Num	Date	Name	Account	Paid Amount	Original Amount
Check		**08/27/2019**		**CASH-Wells Fargo-Operating**		**-3.50**
				Admin Services-Misc Services	-3.50	3.50
TOTAL					-3.50	3.50
Bill Pmt -Check	**2002**	**09/06/2019**	**Seter & Vander Wall, P.C.**	**CASH-Wells Fargo-Operating**		**-42.00**
Bill	78975	08/31/2019		Attorney Fees	-42.00	42.00
TOTAL					-42.00	42.00
Bill Pmt -Check	**2003**	**09/06/2019**	**Jennifer A. Bohn**	**CASH-Wells Fargo-Operating**		**-389.50**
Bill	19-58	08/31/2019		Accounting Fees	-389.50	389.50
TOTAL					-389.50	389.50
Bill Pmt -Check	**2004**	**09/06/2019**	**Crescent Strategies, LLC**	**CASH-Wells Fargo-Operating**		**-8,010.78**
Bill	8/31/19 Billing	08/31/2019		Personnel - Contract	-7,750.00	7,750.00
				TRAVEL-Local	-45.24	45.24
				Postage	-115.99	115.99
				Telecommunications	-99.55	99.55
TOTAL					-8,010.78	8,010.78
Check	**2005**	**09/06/2019**	**Century Link**	**CASH-Wells Fargo-Operating**		**-27.37**
				Telecommunications	-27.37	27.37
TOTAL					-27.37	27.37
Bill Pmt -Check	**2006**	**10/06/2019**	**Jennifer A. Bohn**	**CASH-Wells Fargo-Operating**		**-152.00**
Bill	19-61	09/30/2019		Accounting Fees	-152.00	152.00
TOTAL					-152.00	152.00
Bill Pmt -Check	**2007**	**10/06/2019**	**Crescent Strategies, LLC**	**CASH-Wells Fargo-Operating**		**-10,049.78**
Bill	9/30/19 Billing	09/30/2019		Personnel - Contract	-7,750.00	7,750.00
				TRAVEL-Local	-115.88	115.88
				Postage	-15.99	15.99
				Telecommunications	-99.55	99.55
				Meeting Expense	-200.00	200.00
				TRAVEL-Out of State	-1,868.36	1,868.36
TOTAL					-10,049.78	10,049.78
Bill Pmt -Check	**2008**	**10/06/2019**	**Blue Sky Bistro**	**CASH-Wells Fargo-Operating**		**-300.00**
Bill	3676	09/09/2019		Misc Expense-Local Government	-300.00	300.00
TOTAL					-300.00	300.00
Check	**2009**	**10/06/2019**	**Century Link**	**CASH-Wells Fargo-Operating**		**-26.13**
				Telecommunications	-26.13	26.13
TOTAL					-26.13	26.13

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Kim Griffiths

MEMORANDUM

TO: Stewardship Council Board of Directors
FROM: Melissa Weakley
SUBJECT: DOE's Quarterly Report (Q2 2019) and Original Landfill Stabilization Project Briefing
DATE: October 15, 2019

DOE will present an overview of remedy-related surveillance, monitoring, and maintenance activities conducted at Rocky Flats during the second quarter (April 1 to June 30) of calendar year 2019. The full report can be accessed here: https://www.lm.doe.gov/Rocky_Flats/2Q19_RFS.pdf. As is the case each quarter, DOE's update will include a discussion of the Original Landfill (OLF) and efforts to stabilize it.

This memo contains an overview of DOE's quarterly maintenance activities, as well as an update of the OLF stabilization work that began in September 2019. I have included the OLF stabilization information as I know it is a priority interest for many of you and likely an issue that will be raised during the quarterly update.

Quarterly Report Summary

- **Present Landfill (PLF)**: The PLF quarterly inspection was conducted on May 24, 2019. No issues were observed.

- **Original Landfill (OLF)**: The OLF monthly inspections were conducted on April 15, May 17, and June 19.
    - During the April inspection, a 2-inch by 3-inch hole with a 1-cubic-foot cavity beneath was discovered at the central Berm 5 channel (see attached OLF figure) and filled in.
    - During the May inspection, five holes ranging from 1 to 2 inches in diameter and 3 to 4 inches in depth were discovered along the east end of the scarp above east Berm 4 (see attached OLF figure) and filled in.
    - During the June inspection (after heavy rainfall in late May), evidence of erosion was discovered across the east-supporting hillside as rills and sediment buildup along erosion control wattles, as well as sediment deposited within the lower East Perimeter Channel (see attached OLF Figure). Erosion and sediment buildup were repaired or removed using hand tools. An area of saturated soil was discovered east of the East Subsurface Drain S1 riser that persisted into late June.
    - The Seep 10 siphon was restarted on March 27 after being shut down during the winter, and it operated through June 30.
    - The temporary groundwater intercept system was restarted May 17.

- **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 Monitoring:** Forty-eight (48) groundwater samples were collected and analyzed (see attached Monitoring Location figure). Area of Concern (AOC) well 10304, located in the Woman Creek drainage, was reportable for trichloroethene (TCE); the well was sampled on June 6, 2019 and contained a TCE concentration of 3.5 µg/L, above the RFLMA standard of 2.5 µg/L. TCE was not detected in the downgradient surface water grab sample collected on the same day the well was sampled. Other results for groundwater samples were generally consistent with previous data.

- **Surface Water Monitoring:** Forty-eight (48) composite surface water samples, 20 surface water grab samples, and 17 treatment system grab samples were collected and analyzed (see attached Monitoring Location figure).
    - **Plutonium:** Point of Evaluation (POE) monitoring location SW027, at the end of the South Interceptor Ditch at the inlet to Pond C-2, was reportable for plutonium during the second quarter of 2019. The 12-month rolling average for plutonium (0.159 pCi/L) did not change this quarter; it remains above the RFLMA standard (0.15 pCi/L), resulting in a reportable condition at SW027 from June 2018 through April 2019. There was no flow at SW027 in 2019 until May 28. Since the composite sample that has been in progress since May 28 does not have enough water volume for analysis, no analytical results are yet available for the 2019 flow period. The 12-month rolling average (0.159 pCi/L) includes results from only a single composite sample collected on May 3–4, 2018.
    - All other analyte concentrations at RFLMA POE locations GS10, SW027, and SW093 remained below reportable condition levels throughout the second quarter of 2019. All analyte concentrations at RFLMA Point of Compliance (POC) locations WALPOC and WOMPOC remained below reportable levels throughout the second quarter of 2019.

OLF Stabilization Project Summary

In September 2019, DOE announced that the OLF Stabilization Project had commenced. You may recall from Jeremy Wehner's presentation at the June 3rd Board meeting that DOE is repairing two sections of the OLF hillside where soil has been slipping downhill for several years, despite attempted repairs. The OLF stabilization project involves installing 260+ steel anchors that will hold the soil deep into bedrock, along with subsurface drains that will route shallow groundwater away from the slipping areas and anchors. Work is expected to be complete by May 2020.

Should any debris be exposed during drilling and excavating during this project, it will be screened for proper disposal (i.e. non-hazardous waste vs. hazardous/radioactive waste). Soil excavated during repairs will be put back on the OLF when possible, and any excess material will stay onsite to fill other areas. CDPHE has approved this project and the soil disturbance review plan associated with excavation.

Attachments

Q2 2019 Report Cover Page, Table of Contents, and Abbreviations
Original Landfill Figure
Rocky Flats Site Water Monitoring Locations
Analytical Results for Water Samples, Q2 2019
Original Landfill Stabilization Project Press Release

LMS/RFS/S26669

Rocky Flats Site, Colorado, Quarterly Report of Site Surveillance and Maintenance Activities Second Quarter Calendar Year 2019

October 2019

U.S. DEPARTMENT OF ENERGY | Legacy Management

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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
EPC	East Perimeter Channel
ESSD	East Subsurface Drain
ETPTS	East Trenches Plume Treatment System
ft^3	cubic feet
IC	institutional control
ITS	Interceptor Trench System
ITSS	Interceptor Trench System Sump
LM	Office of Legacy Management
µg/L	micrograms per liter
mg/L	milligrams per liter
MSPCS	Mound Site Plume Collection System
N	nitrogen
NWCS	North Walnut Creek Slump
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, Colorado, Site Operations Guide*
Site	Rocky Flats Site
SPPTS	Solar Ponds Plume Treatment System
TCE	trichloroethene

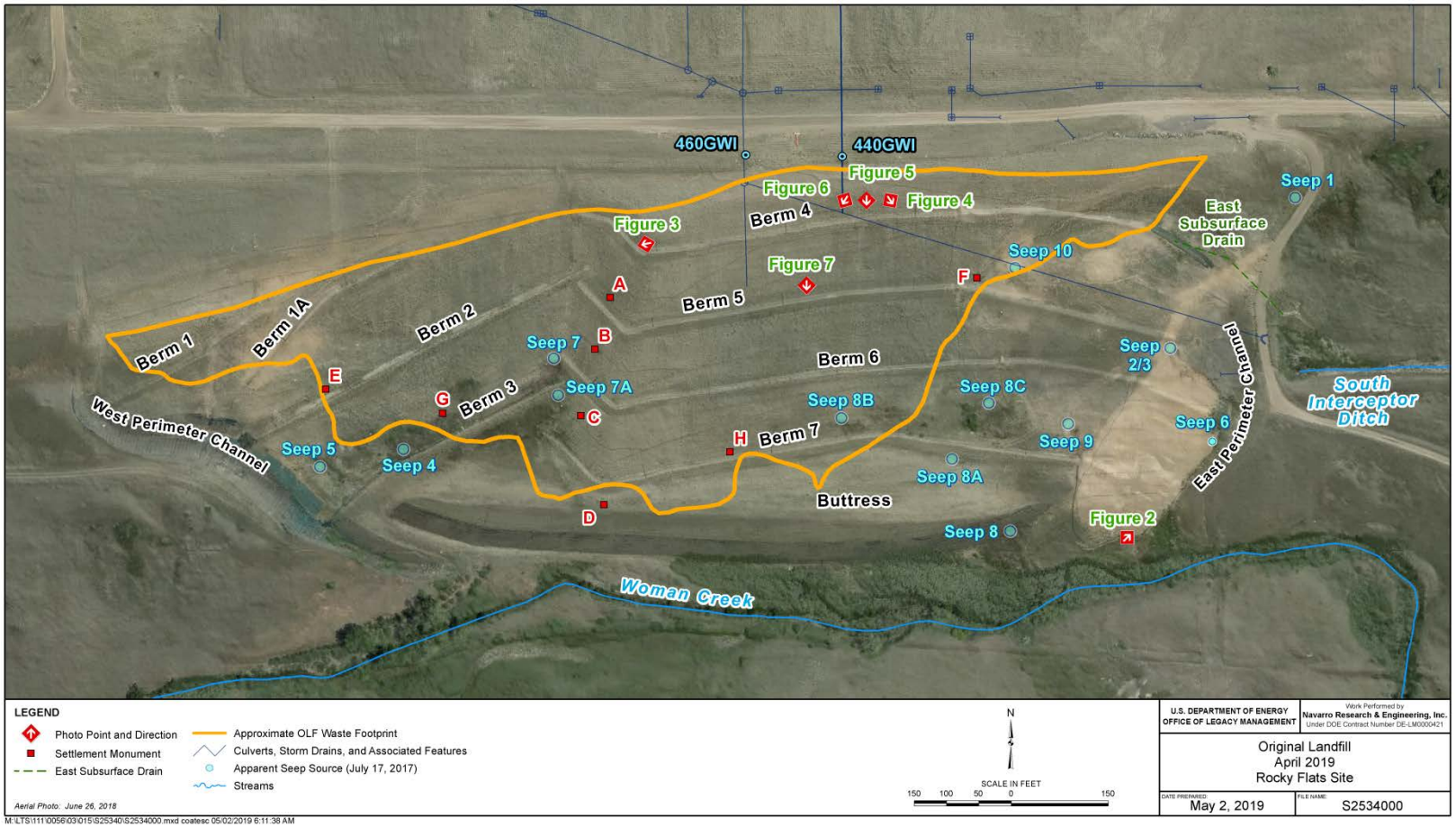

Figure 1: OLF key features and the locations and direction of report figure photographs, Rocky Flats Site, Colorado

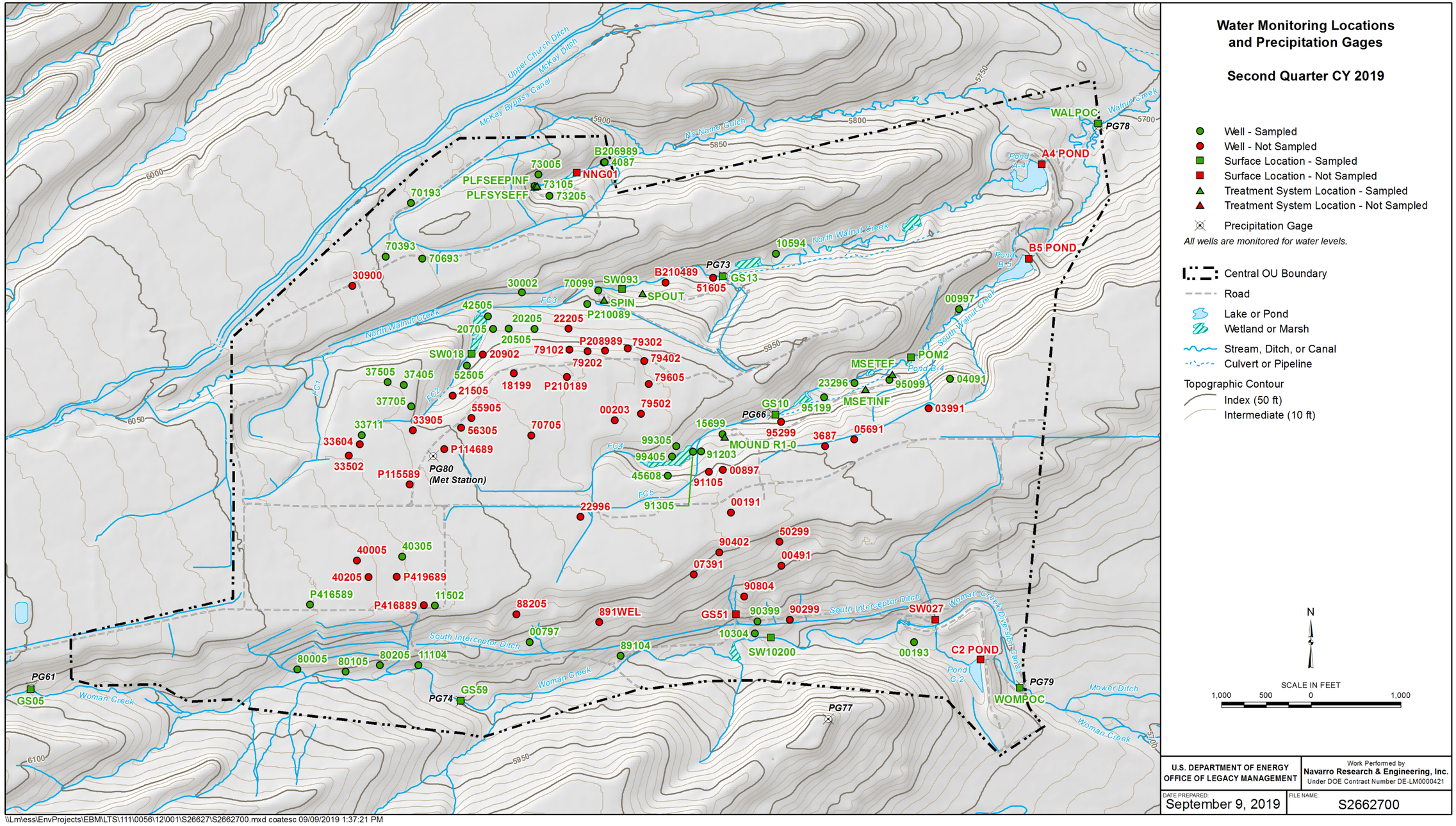

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Figure 1. Rocky Flats Site Water Monitoring Locations and Precipitation Gages

Appendix B

Analytical Results for Water Samples, Second Quarter CY 2019

Appendix B
Analytical Results for Water Samples—Second Quarter CY 2019
RFLMA Data

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
00193	WL	5/2/2019	RFS01-10.1905013-001	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	7440-61-1	Uranium	Y	80	ug/L		F	0.05		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
00797	WL	5/13/2019	RFS01-10.1905015-001	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00797	WL	5/13/2019	RFS01-10.1905015-001	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00797	WL	5/13/2019	RFS01-10.1905015-001	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
00797	WL	5/13/2019	RFS01-10.1905015-001	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
00797	WL	5/13/2019	RFS01-10.1905015-001	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00797	WL	5/13/2019	RFS01-10.1905015-001	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
00797	WL	5/13/2019	RFS01-10.1905015-001	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
00797	WL	5/13/2019	RFS01-10.1905015-001	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
00797	WL	5/13/2019	RFS01-10.1905015-001	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
00797	WL	5/13/2019	RFS01-10.1905015-001	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00797	WL	5/13/2019	RFS01-10.1905015-001	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00797	WL	5/13/2019	RFS01-10.1905015-001	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
00797	WL	5/13/2019	RFS01-10.1905015-001	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
00797	WL	5/13/2019	RFS01-10.1905015-001	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00797	WL	5/13/2019	RFS01-10.1905015-001	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00797	WL	5/13/2019	RFS01-10.1905015-001	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
00797	WL	5/13/2019	RFS01-10.1905015-001	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
00797	WL	5/13/2019	RFS01-10.1905015-001	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00797	WL	5/13/2019	RFS01-10.1905015-001	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
00797	WL	5/13/2019	RFS01-10.1905015-001	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
00797	WL	5/13/2019	RFS01-10.1905015-001	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
00797	WL	5/13/2019	RFS01-10.1905015-001	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
00797	WL	5/13/2019	RFS01-10.1905015-001	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
00797	WL	5/13/2019	RFS01-10.1905015-001	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00797	WL	5/13/2019	RFS01-10.1905015-001	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
00797	WL	5/13/2019	RFS01-10.1905015-001	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
00797	WL	5/13/2019	RFS01-10.1905015-001	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00797	WL	5/13/2019	RFS01-10.1905015-001	7440-61-1	Uranium	Y	50	ug/L		F	0.05		FQ	G	STD
00797	WL	5/13/2019	RFS01-10.1905015-001	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD

Appendix B
Analytical Results for Water Samples—Second Quarter CY 2019
RFLMA Data

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
00997	WL	5/14/2019	RFS01-10.1905015-002	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.06	mg/L	B	F	0.019		FQU	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	7440-61-1	Uranium	Y	24	ug/L		F	0.05		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.078	mg/L	B	F	0.019		FQU	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	7440-61-1	Uranium	Y	22	ug/L		F	0.05		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
04091	WL	5/3/2019	RFS01-10.1905013-002	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
04091	WL	5/3/2019	RFS01-10.1905013-002	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
04091	WL	5/3/2019	RFS01-10.1905013-002	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
04091	WL	5/3/2019	RFS01-10.1905013-002	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
04091	WL	5/3/2019	RFS01-10.1905013-002	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
04091	WL	5/3/2019	RFS01-10.1905013-002	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
04091	WL	5/3/2019	RFS01-10.1905013-002	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
04091	WL	5/3/2019	RFS01-10.1905013-002	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
04091	WL	5/3/2019	RFS01-10.1905013-002	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
04091	WL	5/3/2019	RFS01-10.1905013-002	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
04091	WL	5/3/2019	RFS01-10.1905013-002	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
04091	WL	5/3/2019	RFS01-10.1905013-002	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
04091	WL	5/3/2019	RFS01-10.1905013-002	56-23-5	Carbon tetrachloride	N	0.36	ug/L	J	F	0.19		FQ	G	STD
04091	WL	5/3/2019	RFS01-10.1905013-002	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
04091	WL	5/3/2019	RFS01-10.1905013-002	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
04091	WL	5/3/2019	RFS01-10.1905013-002	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
04091	WL	5/3/2019	RFS01-10.1905013-002	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
04091	WL	5/3/2019	RFS01-10.1905013-002	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
04091	WL	5/3/2019	RFS01-10.1905013-002	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
04091	WL	5/3/2019	RFS01-10.1905013-002	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
04091	WL	5/3/2019	RFS01-10.1905013-002	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
04091	WL	5/3/2019	RFS01-10.1905013-002	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
04091	WL	5/3/2019	RFS01-10.1905013-002	127-18-4	Tetrachloroethene	N	0.39	ug/L	J	F	0.2		FQ	G	STD
04091	WL	5/3/2019	RFS01-10.1905013-002	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
04091	WL	5/3/2019	RFS01-10.1905013-002	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
04091	WL	5/3/2019	RFS01-10.1905013-002	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
04091	WL	5/3/2019	RFS01-10.1905013-002	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
04091	WL	5/3/2019	RFS01-10.1905013-002	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD

Appendix B
Analytical Results for Water Samples—Second Quarter CY 2019
RFLMA Data

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
10304	WL	5/2/2019	RFS01-10.1905013-003	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	D	0.16		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	D	0.21		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	D	0.27		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	D	0.23		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	D	0.21		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	D	0.15		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	D	0.13		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	D	0.18		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	D	0.13		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	D	0.16		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	71-43-2	Benzene	N	0.16	ug/L	U	D	0.16		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	75-25-2	Bromoform	N	0.46	ug/L	U	D	0.46		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	D	0.19		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	108-90-7	Chlorobenzene	N	0.17	ug/L	U	D	0.17		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	67-66-3	Chloroform	N	0.16	ug/L	U	D	0.16		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	74-87-3	Chloromethane	N	0.3	ug/L	U	D	0.3		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	156-59-2	cis-1,2-Dichloroethene	N	1.1	ug/L		F	0.15		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	156-59-2	cis-1,2-Dichloroethene	N	0.91	ug/L	J	D	0.15		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	100-41-4	Ethylbenzene	N	0.16	ug/L	U	D	0.16		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	D	0.36		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	75-09-2	Methylene chloride	N	0.94	ug/L	U	D	0.94		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	91-20-3	Naphthalene	N	0.22	ug/L	U	D	0.22		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.019	mg/L	U	F	0.019		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	100-42-5	Styrene	N	0.36	ug/L	U	D	0.36		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	D	0.2		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	108-88-3	Toluene	N	0.17	ug/L	U	D	0.17		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	1330-20-7	Total Xylenes	N	0.19	ug/L	U	D	0.19		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	D	0.15		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	79-01-6	Trichloroethene	N	3.7	ug/L		F	0.16		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	79-01-6	Trichloroethene	N	3.2	ug/L		D	0.16		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	7440-61-1	Uranium	Y	16	ug/L		F	0.05			G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		R	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	75-01-4	Vinyl chloride	N	0.1	ug/L	U	D	0.1		R	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	107-06-2	1,2-Dichloroethane	N	0.18	ug/L	J	F	0.13		FU	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		F	G	STD

Appendix B
Analytical Results for Water Samples—Second Quarter CY 2019
RFLMA Data

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
10304	WL	6/6/2019	RFS01-10.1906017-001	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	156-59-2	cis-1,2-Dichloroethene	N	1.1	ug/L		F	0.15		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	79-01-6	Trichloroethene	N	3.5	ug/L		F	0.16		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		F	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.12	mg/L	B	F	0.019		FQU	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	7440-61-1	Uranium	Y	56	ug/L		F	0.05		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	7440-61-1	Uranium	Y	27	ug/L		F	0.05		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	7440-61-1	Uranium	Y	21	ug/L		F	0.05		FJ	G	STD

Appendix B
Analytical Results for Water Samples—Second Quarter CY 2019
RFLMA Data

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
11502	WL	5/13/2019	RFS01-10.1905015-004	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
11502	WL	5/13/2019	RFS01-10.1905015-004	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
11502	WL	5/13/2019	RFS01-10.1905015-004	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
11502	WL	5/13/2019	RFS01-10.1905015-004	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
11502	WL	5/13/2019	RFS01-10.1905015-004	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
11502	WL	5/13/2019	RFS01-10.1905015-004	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
11502	WL	5/13/2019	RFS01-10.1905015-004	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
11502	WL	5/13/2019	RFS01-10.1905015-004	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
11502	WL	5/13/2019	RFS01-10.1905015-004	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
11502	WL	5/13/2019	RFS01-10.1905015-004	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
11502	WL	5/13/2019	RFS01-10.1905015-004	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
11502	WL	5/13/2019	RFS01-10.1905015-004	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
11502	WL	5/13/2019	RFS01-10.1905015-004	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
11502	WL	5/13/2019	RFS01-10.1905015-004	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
11502	WL	5/13/2019	RFS01-10.1905015-004	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
11502	WL	5/13/2019	RFS01-10.1905015-004	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
11502	WL	5/13/2019	RFS01-10.1905015-004	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
11502	WL	5/13/2019	RFS01-10.1905015-004	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
11502	WL	5/13/2019	RFS01-10.1905015-004	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
11502	WL	5/13/2019	RFS01-10.1905015-004	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
11502	WL	5/13/2019	RFS01-10.1905015-004	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
11502	WL	5/13/2019	RFS01-10.1905015-004	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
11502	WL	5/13/2019	RFS01-10.1905015-004	127-18-4	Tetrachloroethene	N	0.26	ug/L	J	F	0.2		FQ	G	STD
11502	WL	5/13/2019	RFS01-10.1905015-004	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
11502	WL	5/13/2019	RFS01-10.1905015-004	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
11502	WL	5/13/2019	RFS01-10.1905015-004	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
11502	WL	5/13/2019	RFS01-10.1905015-004	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
11502	WL	5/13/2019	RFS01-10.1905015-004	7440-61-1	Uranium	Y	0.6	ug/L	J	F	0.05		FQ	G	STD
11502	WL	5/13/2019	RFS01-10.1905015-004	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
15699	WL	5/3/2019	RFS01-10.1905013-004	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		R	G	STD
15699	WL	5/3/2019	RFS01-10.1905013-004	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		R	G	STD
15699	WL	5/3/2019	RFS01-10.1905013-004	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		R	G	STD
15699	WL	5/3/2019	RFS01-10.1905013-004	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		R	G	STD
15699	WL	5/3/2019	RFS01-10.1905013-004	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		R	G	STD
15699	WL	5/3/2019	RFS01-10.1905013-004	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		R	G	STD
15699	WL	5/3/2019	RFS01-10.1905013-004	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		R	G	STD
15699	WL	5/3/2019	RFS01-10.1905013-004	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		R	G	STD
15699	WL	5/3/2019	RFS01-10.1905013-004	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		R	G	STD
15699	WL	5/3/2019	RFS01-10.1905013-004	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		R	G	STD
15699	WL	5/3/2019	RFS01-10.1905013-004	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		R	G	STD
15699	WL	5/3/2019	RFS01-10.1905013-004	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		R	G	STD
15699	WL	5/3/2019	RFS01-10.1905013-004	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		R	G	STD
15699	WL	5/3/2019	RFS01-10.1905013-004	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		R	G	STD
15699	WL	5/3/2019	RFS01-10.1905013-004	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		R	G	STD
15699	WL	5/3/2019	RFS01-10.1905013-004	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		R	G	STD
15699	WL	5/3/2019	RFS01-10.1905013-004	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		R	G	STD
15699	WL	5/3/2019	RFS01-10.1905013-004	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		R	G	STD
15699	WL	5/3/2019	RFS01-10.1905013-004	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		R	G	STD
15699	WL	5/3/2019	RFS01-10.1905013-004	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		R	G	STD
15699	WL	5/3/2019	RFS01-10.1905013-004	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		R	G	STD
15699	WL	5/3/2019	RFS01-10.1905013-004	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		R	G	STD
15699	WL	5/3/2019	RFS01-10.1905013-004	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		R	G	STD
15699	WL	5/3/2019	RFS01-10.1905013-004	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		R	G	STD
15699	WL	5/3/2019	RFS01-10.1905013-004	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		R	G	STD
15699	WL	5/3/2019	RFS01-10.1905013-004	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		R	G	STD
15699	WL	5/3/2019	RFS01-10.1905013-004	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		R	G	STD
15699	WL	5/3/2019	RFS01-10.1905013-004	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		R	G	STD
15699	WL	6/6/2019	RFS01-10.1906017-004	71-55-6	1,1,1-Trichloroethane	N	21	ug/L		F	0.8		FQ	G	STD
15699	WL	6/6/2019	RFS01-10.1906017-004	79-34-5	1,1,2,2-Tetrachloroethane	N	1.1	ug/L	U	F	1.1		FQ	G	STD
15699	WL	6/6/2019	RFS01-10.1906017-004	79-00-5	1,1,2-Trichloroethane	N	1.4	ug/L	U	F	1.4		FQ	G	STD
15699	WL	6/6/2019	RFS01-10.1906017-004	75-35-4	1,1-Dichloroethene	N	4.4	ug/L	J	F	1.2		FQ	G	STD
15699	WL	6/6/2019	RFS01-10.1906017-004	120-82-1	1,2,4-Trichlorobenzene	N	1.1	ug/L	U	F	1.1		FQ	G	STD
15699	WL	6/6/2019	RFS01-10.1906017-004	95-50-1	1,2-Dichlorobenzene	N	0.75	ug/L	U	F	0.75		FQ	G	STD
15699	WL	6/6/2019	RFS01-10.1906017-004	107-06-2	1,2-Dichloroethane	N	1.1	ug/L	J	F	0.65		FQU	G	STD
15699	WL	6/6/2019	RFS01-10.1906017-004	78-87-5	1,2-Dichloropropane	N	0.9	ug/L	U	F	0.9		FQ	G	STD
15699	WL	6/6/2019	RFS01-10.1906017-004	541-73-1	1,3-Dichlorobenzene	N	0.65	ug/L	U	F	0.65		FQ	G	STD
15699	WL	6/6/2019	RFS01-10.1906017-004	106-46-7	1,4-Dichlorobenzene	N	0.8	ug/L	U	F	0.8		FQ	G	STD
15699	WL	6/6/2019	RFS01-10.1906017-004	71-43-2	Benzene	N	0.8	ug/L	U	F	0.8		FQ	G	STD
15699	WL	6/6/2019	RFS01-10.1906017-004	75-25-2	Bromoform	N	2.3	ug/L	U	F	2.3		FQ	G	STD
15699	WL	6/6/2019	RFS01-10.1906017-004	56-23-5	Carbon tetrachloride	N	0.95	ug/L	U	F	0.95		FQ	G	STD
15699	WL	6/6/2019	RFS01-10.1906017-004	108-90-7	Chlorobenzene	N	0.85	ug/L	U	F	0.85		FQ	G	STD
15699	WL	6/6/2019	RFS01-10.1906017-004	67-66-3	Chloroform	N	2	ug/L	J	F	0.8		FQ	G	STD
15699	WL	6/6/2019	RFS01-10.1906017-004	74-87-3	Chloromethane	N	1.5	ug/L	U	F	1.5		FQ	G	STD

Appendix B
Analytical Results for Water Samples—Second Quarter CY 2019
RFLMA Data

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
15699	WL	6/6/2019	RFS01-10.1906017-004	156-59-2	cis-1,2-Dichloroethene	N	260	ug/L		F	0.75		FQ	G	STD
15699	WL	6/6/2019	RFS01-10.1906017-004	100-41-4	Ethylbenzene	N	0.8	ug/L	U	F	0.8		FQ	G	STD
15699	WL	6/6/2019	RFS01-10.1906017-004	87-68-3	Hexachlorobutadiene	N	1.8	ug/L	U	F	1.8		FQ	G	STD
15699	WL	6/6/2019	RFS01-10.1906017-004	75-09-2	Methylene chloride	N	4.7	ug/L	U	F	4.7		FQ	G	STD
15699	WL	6/6/2019	RFS01-10.1906017-004	91-20-3	Naphthalene	N	1.1	ug/L	U	F	1.1		FQ	G	STD
15699	WL	6/6/2019	RFS01-10.1906017-004	100-42-5	Styrene	N	1.8	ug/L	U	F	1.8		FQ	G	STD
15699	WL	6/6/2019	RFS01-10.1906017-004	127-18-4	Tetrachloroethene	N	53	ug/L		F	1		FQ	G	STD
15699	WL	6/6/2019	RFS01-10.1906017-004	108-88-3	Toluene	N	0.85	ug/L	U	F	0.85		FQ	G	STD
15699	WL	6/6/2019	RFS01-10.1906017-004	1330-20-7	Total Xylenes	N	0.95	ug/L	U	F	0.95		FQ	G	STD
15699	WL	6/6/2019	RFS01-10.1906017-004	156-60-5	trans-1,2-Dichloroethene	N	1.1	ug/L	J	F	0.75		FQ	G	STD
15699	WL	6/6/2019	RFS01-10.1906017-004	79-01-6	Trichloroethene	N	200	ug/L		F	0.8		FQ	G	STD
15699	WL	6/6/2019	RFS01-10.1906017-004	75-01-4	Vinyl chloride	N	0.5	ug/L	U	F	0.5		FQ	G	STD
20205	WL	4/25/2019	RFS01-03.1904004-003	71-55-6	1,1,1-Trichloroethane	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20205	WL	4/25/2019	RFS01-03.1904004-003	79-34-5	1,1,2,2-Tetrachloroethane	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20205	WL	4/25/2019	RFS01-03.1904004-003	79-00-5	1,1,2-Trichloroethane	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20205	WL	4/25/2019	RFS01-03.1904004-003	75-35-4	1,1-Dichloroethene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20205	WL	4/25/2019	RFS01-03.1904004-003	120-82-1	1,2,4-Trichlorobenzene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20205	WL	4/25/2019	RFS01-03.1904004-003	95-50-1	1,2-Dichlorobenzene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20205	WL	4/25/2019	RFS01-03.1904004-003	107-06-2	1,2-Dichloroethane	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20205	WL	4/25/2019	RFS01-03.1904004-003	78-87-5	1,2-Dichloropropane	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20205	WL	4/25/2019	RFS01-03.1904004-003	541-73-1	1,3-Dichlorobenzene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20205	WL	4/25/2019	RFS01-03.1904004-003	106-46-7	1,4-Dichlorobenzene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20205	WL	4/25/2019	RFS01-03.1904004-003	14596-10-2	Americium-241	Y	0.00817	pCi/L	U	F		0.00761	FQ	G	GEN
20205	WL	4/25/2019	RFS01-03.1904004-003	71-43-2	Benzene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20205	WL	4/25/2019	RFS01-03.1904004-003	75-25-2	Bromoform	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20205	WL	4/25/2019	RFS01-03.1904004-003	56-23-5	Carbon tetrachloride	N	0.4	ug/L	HJ	F	0.333		FQ	G	GEN
20205	WL	4/25/2019	RFS01-03.1904004-003	108-90-7	Chlorobenzene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20205	WL	4/25/2019	RFS01-03.1904004-003	67-66-3	Chloroform	N	3.7	ug/L	H	F	0.333		FQ	G	GEN
20205	WL	4/25/2019	RFS01-03.1904004-003	74-87-3	Chloromethane	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20205	WL	4/25/2019	RFS01-03.1904004-003	156-59-2	cis-1,2-Dichloroethene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20205	WL	4/25/2019	RFS01-03.1904004-003	100-41-4	Ethylbenzene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20205	WL	4/25/2019	RFS01-03.1904004-003	87-68-3	Hexachlorobutadiene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20205	WL	4/25/2019	RFS01-03.1904004-003	75-09-2	Methylene chloride	N	1.67	ug/L	HU	F	1.67		FQ	G	GEN
20205	WL	4/25/2019	RFS01-03.1904004-003	91-20-3	Naphthalene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20205	WL	4/25/2019	RFS01-03.1904004-003	PU-239,240	Plutonium-239, 240	Y	-0.00248	pCi/L	U	F		0.0188	FQ	G	GEN
20205	WL	4/25/2019	RFS01-03.1904004-003	100-42-5	Styrene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20205	WL	4/25/2019	RFS01-03.1904004-003	127-18-4	Tetrachloroethene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20205	WL	4/25/2019	RFS01-03.1904004-003	108-88-3	Toluene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20205	WL	4/25/2019	RFS01-03.1904004-003	1330-20-7	Total Xylenes	N	1	ug/L	HU	F	1		FQ	G	GEN
20205	WL	4/25/2019	RFS01-03.1904004-003	156-60-5	trans-1,2-Dichloroethene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20205	WL	4/25/2019	RFS01-03.1904004-003	79-01-6	Trichloroethene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20205	WL	4/25/2019	RFS01-03.1904004-003	7440-61-1	Uranium	Y	24.5	ug/L		F	0.067		FQ	G	GEN
20205	WL	4/25/2019	RFS01-03.1904004-003	75-01-4	Vinyl chloride	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20505	WL	4/25/2019	RFS01-03.1904004-001	71-55-6	1,1,1-Trichloroethane	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20505	WL	4/25/2019	RFS01-03.1904004-001	79-34-5	1,1,2,2-Tetrachloroethane	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20505	WL	4/25/2019	RFS01-03.1904004-001	79-00-5	1,1,2-Trichloroethane	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20505	WL	4/25/2019	RFS01-03.1904004-001	75-35-4	1,1-Dichloroethene	N	0.9	ug/L	HJ	F	0.333		FQ	G	GEN
20505	WL	4/25/2019	RFS01-03.1904004-001	120-82-1	1,2,4-Trichlorobenzene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20505	WL	4/25/2019	RFS01-03.1904004-001	95-50-1	1,2-Dichlorobenzene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20505	WL	4/25/2019	RFS01-03.1904004-001	107-06-2	1,2-Dichloroethane	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20505	WL	4/25/2019	RFS01-03.1904004-001	78-87-5	1,2-Dichloropropane	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20505	WL	4/25/2019	RFS01-03.1904004-001	541-73-1	1,3-Dichlorobenzene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20505	WL	4/25/2019	RFS01-03.1904004-001	106-46-7	1,4-Dichlorobenzene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20505	WL	4/25/2019	RFS01-03.1904004-001	14596-10-2	Americium-241	Y	0.00998	pCi/L	U	F		0.00846	FQ	G	GEN
20505	WL	4/25/2019	RFS01-03.1904004-001	71-43-2	Benzene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20505	WL	4/25/2019	RFS01-03.1904004-001	75-25-2	Bromoform	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20505	WL	4/25/2019	RFS01-03.1904004-001	56-23-5	Carbon tetrachloride	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20505	WL	4/25/2019	RFS01-03.1904004-001	108-90-7	Chlorobenzene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20505	WL	4/25/2019	RFS01-03.1904004-001	67-66-3	Chloroform	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20505	WL	4/25/2019	RFS01-03.1904004-001	74-87-3	Chloromethane	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20505	WL	4/25/2019	RFS01-03.1904004-001	156-59-2	cis-1,2-Dichloroethene	N	1.74	ug/L	H	F	0.333		FQ	G	GEN
20505	WL	4/25/2019	RFS01-03.1904004-001	100-41-4	Ethylbenzene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20505	WL	4/25/2019	RFS01-03.1904004-001	87-68-3	Hexachlorobutadiene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20505	WL	4/25/2019	RFS01-03.1904004-001	75-09-2	Methylene chloride	N	1.67	ug/L	HU	F	1.67		FQ	G	GEN
20505	WL	4/25/2019	RFS01-03.1904004-001	91-20-3	Naphthalene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20505	WL	4/25/2019	RFS01-03.1904004-001	PU-239,240	Plutonium-239, 240	Y	-0.00116	pCi/L	U	F		0.00756	FQ	G	GEN
20505	WL	4/25/2019	RFS01-03.1904004-001	100-42-5	Styrene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20505	WL	4/25/2019	RFS01-03.1904004-001	127-18-4	Tetrachloroethene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20505	WL	4/25/2019	RFS01-03.1904004-001	108-88-3	Toluene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20505	WL	4/25/2019	RFS01-03.1904004-001	1330-20-7	Total Xylenes	N	1	ug/L	HU	F	1		FQ	G	GEN
20505	WL	4/25/2019	RFS01-03.1904004-001	156-60-5	trans-1,2-Dichloroethene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20505	WL	4/25/2019	RFS01-03.1904004-001	79-01-6	Trichloroethene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20505	WL	4/25/2019	RFS01-03.1904004-001	7440-61-1	Uranium	Y	1.97	ug/L		F	0.067		FQ	G	GEN

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
20505	WL	4/25/2019	RFS01-03.1904004-001	75-01-4	Vinyl chloride	N	0.65	ug/L	HJ	F	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-002	71-55-6	1,1,1-Trichloroethane	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-006	71-55-6	1,1,1-Trichloroethane	N	0.333	ug/L	HU	D	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-002	79-34-5	1,1,2,2-Tetrachloroethane	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-006	79-34-5	1,1,2,2-Tetrachloroethane	N	0.333	ug/L	HU	D	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-002	79-00-5	1,1,2-Trichloroethane	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-006	79-00-5	1,1,2-Trichloroethane	N	0.333	ug/L	HU	D	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-002	75-35-4	1,1-Dichloroethene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-006	75-35-4	1,1-Dichloroethene	N	0.333	ug/L	HU	D	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-002	120-82-1	1,2,4-Trichlorobenzene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-006	120-82-1	1,2,4-Trichlorobenzene	N	0.333	ug/L	HU	D	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-002	95-50-1	1,2-Dichlorobenzene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-006	95-50-1	1,2-Dichlorobenzene	N	0.333	ug/L	HU	D	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-002	107-06-2	1,2-Dichloroethane	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-006	107-06-2	1,2-Dichloroethane	N	0.333	ug/L	HU	D	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-002	78-87-5	1,2-Dichloropropane	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-006	78-87-5	1,2-Dichloropropane	N	0.333	ug/L	HU	D	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-002	541-73-1	1,3-Dichlorobenzene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-006	541-73-1	1,3-Dichlorobenzene	N	0.333	ug/L	HU	D	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-002	106-46-7	1,4-Dichlorobenzene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-006	106-46-7	1,4-Dichlorobenzene	N	0.333	ug/L	HU	D	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-002	14596-10-2	Americium-241	Y	0.0073	pCi/L	U	F		0.0175	FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-006	14596-10-2	Americium-241	Y	0.00457	pCi/L	U	D		0.00897	FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-002	71-43-2	Benzene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-006	71-43-2	Benzene	N	0.333	ug/L	HU	D	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-002	75-25-2	Bromoform	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-006	75-25-2	Bromoform	N	0.333	ug/L	HU	D	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-002	56-23-5	Carbon tetrachloride	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-006	56-23-5	Carbon tetrachloride	N	0.333	ug/L	HU	D	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-002	108-90-7	Chlorobenzene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-006	108-90-7	Chlorobenzene	N	0.333	ug/L	HU	D	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-002	67-66-3	Chloroform	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-006	67-66-3	Chloroform	N	0.333	ug/L	HU	D	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-002	74-87-3	Chloromethane	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-006	74-87-3	Chloromethane	N	0.333	ug/L	HU	D	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-002	156-59-2	cis-1,2-Dichloroethene	N	4.03	ug/L	H	F	0.333		FJQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-006	156-59-2	cis-1,2-Dichloroethene	N	1.89	ug/L	H	D	0.333		FJQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-002	100-41-4	Ethylbenzene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-006	100-41-4	Ethylbenzene	N	0.333	ug/L	HU	D	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-002	87-68-3	Hexachlorobutadiene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-006	87-68-3	Hexachlorobutadiene	N	0.333	ug/L	HU	D	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-002	75-09-2	Methylene chloride	N	1.67	ug/L	HU	F	1.67		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-006	75-09-2	Methylene chloride	N	1.67	ug/L	HU	D	1.67		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-002	91-20-3	Naphthalene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-006	91-20-3	Naphthalene	N	0.333	ug/L	HU	D	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-002	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.017	mg/L	U	F	0.017		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-006	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.17	mg/L	U	D	0.17		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-002	PU-239,240	Plutonium-239, 240	Y	0.0134	pCi/L	U	F		0.0205	FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-006	PU-239,240	Plutonium-239, 240	Y	0.00543	pCi/L	U	D		0.00843	FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-002	100-42-5	Styrene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-006	100-42-5	Styrene	N	0.333	ug/L	HU	D	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-002	127-18-4	Tetrachloroethene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-006	127-18-4	Tetrachloroethene	N	0.333	ug/L	HU	D	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-002	108-88-3	Toluene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-006	108-88-3	Toluene	N	0.333	ug/L	HU	D	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-002	1330-20-7	Total Xylenes	N	1	ug/L	HU	F	1		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-006	1330-20-7	Total Xylenes	N	1	ug/L	HU	D	1		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-002	156-60-5	trans-1,2-Dichloroethene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-006	156-60-5	trans-1,2-Dichloroethene	N	0.333	ug/L	HU	D	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-002	79-01-6	Trichloroethene	N	0.36	ug/L	HJ	F	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-006	79-01-6	Trichloroethene	N	0.333	ug/L	HU	D	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-002	7440-61-1	Uranium	Y	158	ug/L		F	0.067		FJQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-006	7440-61-1	Uranium	Y	26.3	ug/L		D	0.067		FJQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-002	75-01-4	Vinyl chloride	N	0.51	ug/L	HJ	F	0.333		FQ	G	GEN
20705	WL	4/25/2019	RFS01-03.1904004-006	75-01-4	Vinyl chloride	N	1.42	ug/L	H	D	0.333		FQ	G	GEN
23296	WL	5/3/2019	RFS01-10.1905013-005	71-55-6	1,1,1-Trichloroethane	N	6.4	ug/L	U	F	6.4		F	G	STD
23296	WL	5/3/2019	RFS01-10.1905013-005	79-34-5	1,1,2,2-Tetrachloroethane	N	8.4	ug/L	U	F	8.4		F	G	STD
23296	WL	5/3/2019	RFS01-10.1905013-005	79-00-5	1,1,2-Trichloroethane	N	11	ug/L	U	F	11		F	G	STD
23296	WL	5/3/2019	RFS01-10.1905013-005	75-35-4	1,1-Dichloroethene	N	9.2	ug/L	U	F	9.2		F	G	STD
23296	WL	5/3/2019	RFS01-10.1905013-005	120-82-1	1,2,4-Trichlorobenzene	N	8.4	ug/L	U	F	8.4		F	G	STD
23296	WL	5/3/2019	RFS01-10.1905013-005	95-50-1	1,2-Dichlorobenzene	N	6	ug/L	U	F	6		F	G	STD
23296	WL	5/3/2019	RFS01-10.1905013-005	107-06-2	1,2-Dichloroethane	N	5.2	ug/L	U	F	5.2		F	G	STD
23296	WL	5/3/2019	RFS01-10.1905013-005	78-87-5	1,2-Dichloropropane	N	7.2	ug/L	U	F	7.2		F	G	STD

Appendix B
Analytical Results for Water Samples—Second Quarter CY 2019
RFLMA Data

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
23296	WL	5/3/2019	RFS01-10.1905013-005	541-73-1	1,3-Dichlorobenzene	N	5.2	ug/L	U	F	5.2		F	G	STD
23296	WL	5/3/2019	RFS01-10.1905013-005	106-46-7	1,4-Dichlorobenzene	N	6.4	ug/L	U	F	6.4		F	G	STD
23296	WL	5/3/2019	RFS01-10.1905013-005	71-43-2	Benzene	N	6.4	ug/L	U	F	6.4		F	G	STD
23296	WL	5/3/2019	RFS01-10.1905013-005	75-25-2	Bromoform	N	18	ug/L	U	F	18		F	G	STD
23296	WL	5/3/2019	RFS01-10.1905013-005	56-23-5	Carbon tetrachloride	N	7.6	ug/L	U	F	7.6		F	G	STD
23296	WL	5/3/2019	RFS01-10.1905013-005	108-90-7	Chlorobenzene	N	6.8	ug/L	U	F	6.8		F	G	STD
23296	WL	5/3/2019	RFS01-10.1905013-005	67-66-3	Chloroform	N	6.4	ug/L	U	F	6.4		F	G	STD
23296	WL	5/3/2019	RFS01-10.1905013-005	74-87-3	Chloromethane	N	12	ug/L	U	F	12		F	G	STD
23296	WL	5/3/2019	RFS01-10.1905013-005	156-59-2	cis-1,2-Dichloroethene	N	1100	ug/L		F	6		F	G	STD
23296	WL	5/3/2019	RFS01-10.1905013-005	100-41-4	Ethylbenzene	N	6.4	ug/L	U	F	6.4		F	G	STD
23296	WL	5/3/2019	RFS01-10.1905013-005	87-68-3	Hexachlorobutadiene	N	14	ug/L	U	F	14		F	G	STD
23296	WL	5/3/2019	RFS01-10.1905013-005	75-09-2	Methylene chloride	N	38	ug/L	U	F	38		F	G	STD
23296	WL	5/3/2019	RFS01-10.1905013-005	91-20-3	Naphthalene	N	8.8	ug/L	U	F	8.8		F	G	STD
23296	WL	5/3/2019	RFS01-10.1905013-005	100-42-5	Styrene	N	14	ug/L	U	F	14		F	G	STD
23296	WL	5/3/2019	RFS01-10.1905013-005	127-18-4	Tetrachloroethene	N	56	ug/L		F	8		F	G	STD
23296	WL	5/3/2019	RFS01-10.1905013-005	108-88-3	Toluene	N	6.8	ug/L	U	F	6.8		F	G	STD
23296	WL	5/3/2019	RFS01-10.1905013-005	1330-20-7	Total Xylenes	N	7.6	ug/L	U	F	7.6		F	G	STD
23296	WL	5/3/2019	RFS01-10.1905013-005	156-60-5	trans-1,2-Dichloroethene	N	6	ug/L	U	F	6		F	G	STD
23296	WL	5/3/2019	RFS01-10.1905013-005	79-01-6	Trichloroethene	N	1000	ug/L		F	6.4		F	G	STD
23296	WL	5/3/2019	RFS01-10.1905013-005	7440-61-1	Uranium	Y	23	ug/L		F	0.05		F	G	STD
23296	WL	5/3/2019	RFS01-10.1905013-005	75-01-4	Vinyl chloride	N	4	ug/L	U	F	4		F	G	STD
30002	WL	4/18/2019	RFS01-10.1904011-019	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
30002	WL	4/18/2019	RFS01-10.1904011-019	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
30002	WL	4/18/2019	RFS01-10.1904011-019	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
30002	WL	4/18/2019	RFS01-10.1904011-019	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
30002	WL	4/18/2019	RFS01-10.1904011-019	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
30002	WL	4/18/2019	RFS01-10.1904011-019	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
30002	WL	4/18/2019	RFS01-10.1904011-019	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
30002	WL	4/18/2019	RFS01-10.1904011-019	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
30002	WL	4/18/2019	RFS01-10.1904011-019	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
30002	WL	4/18/2019	RFS01-10.1904011-019	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
30002	WL	4/18/2019	RFS01-10.1904011-019	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
30002	WL	4/18/2019	RFS01-10.1904011-019	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
30002	WL	4/18/2019	RFS01-10.1904011-019	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
30002	WL	4/18/2019	RFS01-10.1904011-019	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
30002	WL	4/18/2019	RFS01-10.1904011-019	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
30002	WL	4/18/2019	RFS01-10.1904011-019	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
30002	WL	4/18/2019	RFS01-10.1904011-019	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
30002	WL	4/18/2019	RFS01-10.1904011-019	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
30002	WL	4/18/2019	RFS01-10.1904011-019	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
30002	WL	4/18/2019	RFS01-10.1904011-019	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
30002	WL	4/18/2019	RFS01-10.1904011-019	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
30002	WL	4/18/2019	RFS01-10.1904011-019	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
30002	WL	4/18/2019	RFS01-10.1904011-019	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
30002	WL	4/18/2019	RFS01-10.1904011-019	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
30002	WL	4/18/2019	RFS01-10.1904011-019	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
30002	WL	4/18/2019	RFS01-10.1904011-019	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
30002	WL	4/18/2019	RFS01-10.1904011-019	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
30002	WL	4/18/2019	RFS01-10.1904011-019	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
33711	WL	4/26/2019	RFS01-10.1904012-001	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		F	G	STD
33711	WL	4/26/2019	RFS01-10.1904012-001	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		F	G	STD
33711	WL	4/26/2019	RFS01-10.1904012-001	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		F	G	STD
33711	WL	4/26/2019	RFS01-10.1904012-001	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		F	G	STD
33711	WL	4/26/2019	RFS01-10.1904012-001	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		F	G	STD
33711	WL	4/26/2019	RFS01-10.1904012-001	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		F	G	STD
33711	WL	4/26/2019	RFS01-10.1904012-001	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		F	G	STD
33711	WL	4/26/2019	RFS01-10.1904012-001	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		F	G	STD
33711	WL	4/26/2019	RFS01-10.1904012-001	541-73-1	1,3-Dichlorobenzene	N	0.42	ug/L	J	F	0.13		F	G	STD
33711	WL	4/26/2019	RFS01-10.1904012-001	106-46-7	1,4-Dichlorobenzene	N	1.8	ug/L		F	0.16		F	G	STD
33711	WL	4/26/2019	RFS01-10.1904012-001	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		F	G	STD
33711	WL	4/26/2019	RFS01-10.1904012-001	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		F	G	STD
33711	WL	4/26/2019	RFS01-10.1904012-001	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		F	G	STD
33711	WL	4/26/2019	RFS01-10.1904012-001	108-90-7	Chlorobenzene	N	0.56	ug/L	J	F	0.17		F	G	STD
33711	WL	4/26/2019	RFS01-10.1904012-001	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		F	G	STD
33711	WL	4/26/2019	RFS01-10.1904012-001	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		F	G	STD
33711	WL	4/26/2019	RFS01-10.1904012-001	156-59-2	cis-1,2-Dichloroethene	N	2	ug/L		F	0.15		F	G	STD
33711	WL	4/26/2019	RFS01-10.1904012-001	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
33711	WL	4/26/2019	RFS01-10.1904012-001	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		F	G	STD
33711	WL	4/26/2019	RFS01-10.1904012-001	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		F	G	STD
33711	WL	4/26/2019	RFS01-10.1904012-001	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		F	G	STD
33711	WL	4/26/2019	RFS01-10.1904012-001	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		F	G	STD
33711	WL	4/26/2019	RFS01-10.1904012-001	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		F	G	STD
33711	WL	4/26/2019	RFS01-10.1904012-001	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		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
33711	WL	4/26/2019	RFS01-10.1904012-001	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		F	G	STD
33711	WL	4/26/2019	RFS01-10.1904012-001	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	J	F	0.15		F	G	STD
33711	WL	4/26/2019	RFS01-10.1904012-001	79-01-6	Trichloroethene	N	0.19	ug/L	J	F	0.16		F	G	STD
33711	WL	4/26/2019	RFS01-10.1904012-001	75-01-4	Vinyl chloride	N	0.49	ug/L	J	F	0.1		F	G	STD
37405	WL	4/25/2019	RFS01-03.1904004-004	71-55-6	1,1,1-Trichloroethane	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
37405	WL	4/25/2019	RFS01-03.1904004-004	79-34-5	1,1,2,2-Tetrachloroethane	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
37405	WL	4/25/2019	RFS01-03.1904004-004	79-00-5	1,1,2-Trichloroethane	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
37405	WL	4/25/2019	RFS01-03.1904004-004	75-35-4	1,1-Dichloroethene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
37405	WL	4/25/2019	RFS01-03.1904004-004	120-82-1	1,2,4-Trichlorobenzene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
37405	WL	4/25/2019	RFS01-03.1904004-004	95-50-1	1,2-Dichlorobenzene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
37405	WL	4/25/2019	RFS01-03.1904004-004	107-06-2	1,2-Dichloroethane	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
37405	WL	4/25/2019	RFS01-03.1904004-004	78-87-5	1,2-Dichloropropane	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
37405	WL	4/25/2019	RFS01-03.1904004-004	541-73-1	1,3-Dichlorobenzene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
37405	WL	4/25/2019	RFS01-03.1904004-004	106-46-7	1,4-Dichlorobenzene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
37405	WL	4/25/2019	RFS01-03.1904004-004	14596-10-2	Americium-241	Y	0.0101	pCi/L	U	F		0.0102	FQ	G	GEN
37405	WL	4/25/2019	RFS01-03.1904004-004	71-43-2	Benzene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
37405	WL	4/25/2019	RFS01-03.1904004-004	75-25-2	Bromoform	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
37405	WL	4/25/2019	RFS01-03.1904004-004	56-23-5	Carbon tetrachloride	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
37405	WL	4/25/2019	RFS01-03.1904004-004	108-90-7	Chlorobenzene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
37405	WL	4/25/2019	RFS01-03.1904004-004	67-66-3	Chloroform	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
37405	WL	4/25/2019	RFS01-03.1904004-004	74-87-3	Chloromethane	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
37405	WL	4/25/2019	RFS01-03.1904004-004	156-59-2	cis-1,2-Dichloroethene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
37405	WL	4/25/2019	RFS01-03.1904004-004	100-41-4	Ethylbenzene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
37405	WL	4/25/2019	RFS01-03.1904004-004	87-68-3	Hexachlorobutadiene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
37405	WL	4/25/2019	RFS01-03.1904004-004	75-09-2	Methylene chloride	N	1.67	ug/L	HU	F	1.67		FQ	G	GEN
37405	WL	4/25/2019	RFS01-03.1904004-004	91-20-3	Naphthalene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
37405	WL	4/25/2019	RFS01-03.1904004-004	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	3.51	mg/L		F	0.17		FQ	G	GEN
37405	WL	4/25/2019	RFS01-03.1904004-004	PU-239,240	Plutonium-239, 240	Y	-0.00529	pCi/L	U	F		0.0194	FQ	G	GEN
37405	WL	4/25/2019	RFS01-03.1904004-004	100-42-5	Styrene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
37405	WL	4/25/2019	RFS01-03.1904004-004	127-18-4	Tetrachloroethene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
37405	WL	4/25/2019	RFS01-03.1904004-004	108-88-3	Toluene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
37405	WL	4/25/2019	RFS01-03.1904004-004	1330-20-7	Total Xylenes	N	1	ug/L	HU	F	1		FQ	G	GEN
37405	WL	4/25/2019	RFS01-03.1904004-004	156-60-5	trans-1,2-Dichloroethene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
37405	WL	4/25/2019	RFS01-03.1904004-004	79-01-6	Trichloroethene	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
37405	WL	4/25/2019	RFS01-03.1904004-004	7440-61-1	Uranium	Y	2.14	ug/L		F	0.067		FQ	G	GEN
37405	WL	4/25/2019	RFS01-03.1904004-004	75-01-4	Vinyl chloride	N	0.333	ug/L	HU	F	0.333		FQ	G	GEN
37505	WL	4/25/2019	RFS01-10.1904012-002	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FJQ	G	STD
37505	WL	4/25/2019	RFS01-10.1904012-002	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FJQ	G	STD
37505	WL	4/25/2019	RFS01-10.1904012-002	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FJQ	G	STD
37505	WL	4/25/2019	RFS01-10.1904012-002	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FJQ	G	STD
37505	WL	4/25/2019	RFS01-10.1904012-002	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FJQ	G	STD
37505	WL	4/25/2019	RFS01-10.1904012-002	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FJQ	G	STD
37505	WL	4/25/2019	RFS01-10.1904012-002	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FJQ	G	STD
37505	WL	4/25/2019	RFS01-10.1904012-002	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FJQ	G	STD
37505	WL	4/25/2019	RFS01-10.1904012-002	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FJQ	G	STD
37505	WL	4/25/2019	RFS01-10.1904012-002	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FJQ	G	STD
37505	WL	4/25/2019	RFS01-10.1904012-002	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FJQ	G	STD
37505	WL	4/25/2019	RFS01-10.1904012-002	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FJQ	G	STD
37505	WL	4/25/2019	RFS01-10.1904012-002	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FJQ	G	STD
37505	WL	4/25/2019	RFS01-10.1904012-002	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FJQ	G	STD
37505	WL	4/25/2019	RFS01-10.1904012-002	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FJQ	G	STD
37505	WL	4/25/2019	RFS01-10.1904012-002	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FJQ	G	STD
37505	WL	4/25/2019	RFS01-10.1904012-002	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FJQ	G	STD
37505	WL	4/25/2019	RFS01-10.1904012-002	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FJQ	G	STD
37505	WL	4/25/2019	RFS01-10.1904012-002	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FJQ	G	STD
37505	WL	4/25/2019	RFS01-10.1904012-002	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FJQ	G	STD
37505	WL	4/25/2019	RFS01-10.1904012-002	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FJQ	G	STD
37505	WL	4/25/2019	RFS01-10.1904012-002	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	2.1	mg/L		F	0.019		FQ	G	STD
37505	WL	4/25/2019	RFS01-10.1904012-002	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FJQ	G	STD
37505	WL	4/25/2019	RFS01-10.1904012-002	127-18-4	Tetrachloroethene	N	0.25	ug/L	J	F	0.2		FJQ	G	STD
37505	WL	4/25/2019	RFS01-10.1904012-002	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FJQ	G	STD
37505	WL	4/25/2019	RFS01-10.1904012-002	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FJQ	G	STD
37505	WL	4/25/2019	RFS01-10.1904012-002	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FJQ	G	STD
37505	WL	4/25/2019	RFS01-10.1904012-002	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FJQ	G	STD
37505	WL	4/25/2019	RFS01-10.1904012-002	7440-61-1	Uranium	Y	13	ug/L		F	0.05		FQ	G	STD
37505	WL	4/25/2019	RFS01-10.1904012-002	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FJQ	G	STD
37705	WL	5/22/2019	RFS01-03.1905005-005	71-55-6	1,1,1-Trichloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
37705	WL	5/22/2019	RFS01-03.1905005-005	79-34-5	1,1,2,2-Tetrachloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
37705	WL	5/22/2019	RFS01-03.1905005-005	79-00-5	1,1,2-Trichloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
37705	WL	5/22/2019	RFS01-03.1905005-005	75-35-4	1,1-Dichloroethene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
37705	WL	5/22/2019	RFS01-03.1905005-005	120-82-1	1,2,4-Trichlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
37705	WL	5/22/2019	RFS01-03.1905005-005	95-50-1	1,2-Dichlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
37705	WL	5/22/2019	RFS01-03.1905005-005	107-06-2	1,2-Dichloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN

Appendix B
Analytical Results for Water Samples—Second Quarter CY 2019
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
37705	WL	5/22/2019	RFS01-03.1905005-005	78-87-5	1,2-Dichloropropane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
37705	WL	5/22/2019	RFS01-03.1905005-005	541-73-1	1,3-Dichlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
37705	WL	5/22/2019	RFS01-03.1905005-005	106-46-7	1,4-Dichlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
37705	WL	5/22/2019	RFS01-03.1905005-005	14596-10-2	Americium-241	Y	-0.0234	pCi/L	U	F		0.0203	FQ	G	GEN
37705	WL	5/22/2019	RFS01-03.1905005-005	71-43-2	Benzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
37705	WL	5/22/2019	RFS01-03.1905005-005	75-25-2	Bromoform	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
37705	WL	5/22/2019	RFS01-03.1905005-005	56-23-5	Carbon tetrachloride	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
37705	WL	5/22/2019	RFS01-03.1905005-005	108-90-7	Chlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
37705	WL	5/22/2019	RFS01-03.1905005-005	67-66-3	Chloroform	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
37705	WL	5/22/2019	RFS01-03.1905005-005	74-87-3	Chloromethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
37705	WL	5/22/2019	RFS01-03.1905005-005	156-59-2	cis-1,2-Dichloroethene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
37705	WL	5/22/2019	RFS01-03.1905005-005	100-41-4	Ethylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
37705	WL	5/22/2019	RFS01-03.1905005-005	87-68-3	Hexachlorobutadiene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
37705	WL	5/22/2019	RFS01-03.1905005-005	75-09-2	Methylene chloride	N	1.67	ug/L	U	F	1.67		FQ	G	GEN
37705	WL	5/22/2019	RFS01-03.1905005-005	91-20-3	Naphthalene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
37705	WL	5/22/2019	RFS01-03.1905005-005	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.115	mg/L		F	0.017		FQ	G	GEN
37705	WL	5/22/2019	RFS01-03.1905005-005	PU-239,240	Plutonium-239, 240	Y	0.00234	pCi/L	U	F		0.00458	FQ	G	GEN
37705	WL	5/22/2019	RFS01-03.1905005-005	100-42-5	Styrene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
37705	WL	5/22/2019	RFS01-03.1905005-005	127-18-4	Tetrachloroethene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
37705	WL	5/22/2019	RFS01-03.1905005-005	108-88-3	Toluene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
37705	WL	5/22/2019	RFS01-03.1905005-005	1330-20-7	Total Xylenes	N	1	ug/L	U	F	1		FQ	G	GEN
37705	WL	5/22/2019	RFS01-03.1905005-005	156-60-5	trans-1,2-Dichloroethene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
37705	WL	5/22/2019	RFS01-03.1905005-005	79-01-6	Trichloroethene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
37705	WL	5/22/2019	RFS01-03.1905005-005	7440-61-1	Uranium	Y	5.41	ug/L		F	0.067		FQ	G	GEN
37705	WL	5/22/2019	RFS01-03.1905005-005	75-01-4	Vinyl chloride	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
40305	WL	5/13/2019	RFS01-10.1905015-005	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		F	G	STD
40305	WL	5/13/2019	RFS01-10.1905015-005	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		F	G	STD
40305	WL	5/13/2019	RFS01-10.1905015-005	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		F	G	STD
40305	WL	5/13/2019	RFS01-10.1905015-005	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		F	G	STD
40305	WL	5/13/2019	RFS01-10.1905015-005	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		F	G	STD
40305	WL	5/13/2019	RFS01-10.1905015-005	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		F	G	STD
40305	WL	5/13/2019	RFS01-10.1905015-005	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		F	G	STD
40305	WL	5/13/2019	RFS01-10.1905015-005	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		F	G	STD
40305	WL	5/13/2019	RFS01-10.1905015-005	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		F	G	STD
40305	WL	5/13/2019	RFS01-10.1905015-005	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
40305	WL	5/13/2019	RFS01-10.1905015-005	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		F	G	STD
40305	WL	5/13/2019	RFS01-10.1905015-005	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		F	G	STD
40305	WL	5/13/2019	RFS01-10.1905015-005	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		F	G	STD
40305	WL	5/13/2019	RFS01-10.1905015-005	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		F	G	STD
40305	WL	5/13/2019	RFS01-10.1905015-005	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		F	G	STD
40305	WL	5/13/2019	RFS01-10.1905015-005	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		F	G	STD
40305	WL	5/13/2019	RFS01-10.1905015-005	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		F	G	STD
40305	WL	5/13/2019	RFS01-10.1905015-005	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
40305	WL	5/13/2019	RFS01-10.1905015-005	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		F	G	STD
40305	WL	5/13/2019	RFS01-10.1905015-005	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		F	G	STD
40305	WL	5/13/2019	RFS01-10.1905015-005	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		F	G	STD
40305	WL	5/13/2019	RFS01-10.1905015-005	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		F	G	STD
40305	WL	5/13/2019	RFS01-10.1905015-005	127-18-4	Tetrachloroethene	N	0.24	ug/L	J	F	0.2		F	G	STD
40305	WL	5/13/2019	RFS01-10.1905015-005	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		F	G	STD
40305	WL	5/13/2019	RFS01-10.1905015-005	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		F	G	STD
40305	WL	5/13/2019	RFS01-10.1905015-005	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		F	G	STD
40305	WL	5/13/2019	RFS01-10.1905015-005	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		F	G	STD
40305	WL	5/13/2019	RFS01-10.1905015-005	7440-61-1	Uranium	Y	0.74	ug/L	J	F	0.05		F	G	STD
40305	WL	5/13/2019	RFS01-10.1905015-005	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		F	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	156-59-2	cis-1,2-Dichloroethene	N	0.48	ug/L	J	F	0.15		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD

Appendix B
Analytical Results for Water Samples—Second Quarter CY 2019
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
42505	WL	4/26/2019	RFS01-10.1904012-003	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
45608	WL	5/6/2019	RFS01-10.1905014-005	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		F	G	STD
45608	WL	5/6/2019	RFS01-10.1905014-005	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		F	G	STD
45608	WL	5/6/2019	RFS01-10.1905014-005	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		F	G	STD
45608	WL	5/6/2019	RFS01-10.1905014-005	75-35-4	1,1-Dichloroethene	N	0.48	ug/L	J	F	0.23		F	G	STD
45608	WL	5/6/2019	RFS01-10.1905014-005	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		F	G	STD
45608	WL	5/6/2019	RFS01-10.1905014-005	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		F	G	STD
45608	WL	5/6/2019	RFS01-10.1905014-005	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		F	G	STD
45608	WL	5/6/2019	RFS01-10.1905014-005	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		F	G	STD
45608	WL	5/6/2019	RFS01-10.1905014-005	541-73-1	1,3-Dichlorobenzene	N	0.14	ug/L	J	F	0.13		F	G	STD
45608	WL	5/6/2019	RFS01-10.1905014-005	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
45608	WL	5/6/2019	RFS01-10.1905014-005	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		F	G	STD
45608	WL	5/6/2019	RFS01-10.1905014-005	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		F	G	STD
45608	WL	5/6/2019	RFS01-10.1905014-005	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		F	G	STD
45608	WL	5/6/2019	RFS01-10.1905014-005	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		F	G	STD
45608	WL	5/6/2019	RFS01-10.1905014-005	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		F	G	STD
45608	WL	5/6/2019	RFS01-10.1905014-005	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		F	G	STD
45608	WL	5/6/2019	RFS01-10.1905014-005	156-59-2	cis-1,2-Dichloroethene	N	88	ug/L		F	0.3		F	G	STD
45608	WL	5/6/2019	RFS01-10.1905014-005	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
45608	WL	5/6/2019	RFS01-10.1905014-005	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		F	G	STD
45608	WL	5/6/2019	RFS01-10.1905014-005	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		F	G	STD
45608	WL	5/6/2019	RFS01-10.1905014-005	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		F	G	STD
45608	WL	5/6/2019	RFS01-10.1905014-005	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		F	G	STD
45608	WL	5/6/2019	RFS01-10.1905014-005	127-18-4	Tetrachloroethene	N	0.6	ug/L	J	F	0.2		F	G	STD
45608	WL	5/6/2019	RFS01-10.1905014-005	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		F	G	STD
45608	WL	5/6/2019	RFS01-10.1905014-005	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		F	G	STD
45608	WL	5/6/2019	RFS01-10.1905014-005	156-60-5	trans-1,2-Dichloroethene	N	0.58	ug/L	J	F	0.15		F	G	STD
45608	WL	5/6/2019	RFS01-10.1905014-005	79-01-6	Trichloroethene	N	8	ug/L		F	0.16		F	G	STD
45608	WL	5/6/2019	RFS01-10.1905014-005	75-01-4	Vinyl chloride	N	4.9	ug/L		F	0.1		F	G	STD
52505	WL	4/26/2019	RFS01-10.1904012-008	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
52505	WL	4/26/2019	RFS01-10.1904012-008	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
52505	WL	4/26/2019	RFS01-10.1904012-008	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
52505	WL	4/26/2019	RFS01-10.1904012-008	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
52505	WL	4/26/2019	RFS01-10.1904012-008	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
52505	WL	4/26/2019	RFS01-10.1904012-008	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
52505	WL	4/26/2019	RFS01-10.1904012-008	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
52505	WL	4/26/2019	RFS01-10.1904012-008	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
52505	WL	4/26/2019	RFS01-10.1904012-008	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
52505	WL	4/26/2019	RFS01-10.1904012-008	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
52505	WL	4/26/2019	RFS01-10.1904012-008	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
52505	WL	4/26/2019	RFS01-10.1904012-008	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
52505	WL	4/26/2019	RFS01-10.1904012-008	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
52505	WL	4/26/2019	RFS01-10.1904012-008	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
52505	WL	4/26/2019	RFS01-10.1904012-008	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
52505	WL	4/26/2019	RFS01-10.1904012-008	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
52505	WL	4/26/2019	RFS01-10.1904012-008	156-59-2	cis-1,2-Dichloroethene	N	1.7	ug/L		F	0.15		FQ	G	STD
52505	WL	4/26/2019	RFS01-10.1904012-008	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
52505	WL	4/26/2019	RFS01-10.1904012-008	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
52505	WL	4/26/2019	RFS01-10.1904012-008	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
52505	WL	4/26/2019	RFS01-10.1904012-008	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
52505	WL	4/26/2019	RFS01-10.1904012-008	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
52505	WL	4/26/2019	RFS01-10.1904012-008	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
52505	WL	4/26/2019	RFS01-10.1904012-008	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
52505	WL	4/26/2019	RFS01-10.1904012-008	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
52505	WL	4/26/2019	RFS01-10.1904012-008	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
52505	WL	4/26/2019	RFS01-10.1904012-008	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
52505	WL	4/26/2019	RFS01-10.1904012-008	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
70099	WL	5/15/2019	RFS01-10.1905015-006	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.19	mg/L	B	F	0.019		FQU	G	STD
70099	WL	5/15/2019	RFS01-10.1905015-006	7440-61-1	Uranium	Y	49	ug/L		F	0.05		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD

Appendix B
Analytical Results for Water Samples—Second Quarter CY 2019
RFLMA Data

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
70193	WL	4/17/2019	RFS01-10.1904011-001	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	7440-38-2	Arsenic	Y	0.33	ug/L	U	F	0.33		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	7440-41-7	Beryllium	Y	0.08	ug/L	U	F	0.08		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	7440-42-8	Boron	Y	18	ug/L		F	4.4		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	7440-47-3	Chromium	Y	0.5	ug/L	U	F	0.5		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	7440-50-8	Copper	Y	0.56	ug/L	U	F	0.56		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	7439-97-6	Mercury	Y	0.027	ug/L	U	F	0.027		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	7440-02-0	Nickel	Y	0.38	ug/L	J	F	0.3		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	7782-49-2	Selenium	Y	4.8	ug/L		F	0.37		FJQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	7440-22-4	Silver	Y	0.033	ug/L	U	F	0.033		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	7440-61-1	Uranium	Y	0.081	ug/L	J	F	0.05		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
70193	WL	4/17/2019	RFS01-10.1904011-001	7440-66-6	Zinc	Y	2	ug/L	U	F	2		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	75-35-4	1,1-Dichloroethene	N	1.7	ug/L		F	0.23		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	7440-38-2	Arsenic	Y	0.33	ug/L	U	F	0.33		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	7440-41-7	Beryllium	Y	0.08	ug/L	U	F	0.08		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	7440-42-8	Boron	Y	5.5	ug/L	J	F	4.4		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	7440-47-3	Chromium	Y	0.5	ug/L	U	F	0.5		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	7440-50-8	Copper	Y	0.56	ug/L	U	F	0.56		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	7439-97-6	Mercury	Y	0.027	ug/L	U	F	0.027		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	7440-02-0	Nickel	Y	1.4	ug/L	J	F	0.3		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	7782-49-2	Selenium	Y	0.78	ug/L	J	F	0.37		FJQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	7440-22-4	Silver	Y	0.033	ug/L	U	F	0.033		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	127-18-4	Tetrachloroethene	N	1.1	ug/L		F	0.2		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	79-01-6	Trichloroethene	N	6.4	ug/L		F	0.16		FQ	G	STD

Appendix B
Analytical Results for Water Samples—Second Quarter CY 2019
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
70393	WL	4/17/2019	RFS01-10.1904011-002	7440-61-1	Uranium	Y	0.05	ug/L	U	F	0.05		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
70393	WL	4/17/2019	RFS01-10.1904011-002	7440-66-6	Zinc	Y	2	ug/L	U	F	2		FQ	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	75-35-4	1,1-Dichloroethene	N	1.3	ug/L		F	0.23		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	7440-38-2	Arsenic	Y	0.33	ug/L	U	F	0.33		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	7440-41-7	Beryllium	Y	0.08	ug/L	U	F	0.08		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	7440-42-8	Boron	Y	21	ug/L		F	4.4		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	7440-47-3	Chromium	Y	0.5	ug/L	U	F	0.5		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	7440-50-8	Copper	Y	0.56	ug/L	U	F	0.56		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	7439-97-6	Mercury	Y	0.027	ug/L	U	F	0.027		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	7440-02-0	Nickel	Y	0.84	ug/L	J	F	0.3		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	7782-49-2	Selenium	Y	1	ug/L	J	F	0.37		FJ	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	7440-22-4	Silver	Y	0.033	ug/L	U	F	0.033		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	127-18-4	Tetrachloroethene	N	0.42	ug/L	J	F	0.2		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	79-01-6	Trichloroethene	N	1.7	ug/L		F	0.16		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	7440-61-1	Uranium	Y	0.05	ug/L	U	F	0.05		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		F	G	STD
70693	WL	4/17/2019	RFS01-10.1904011-003	7440-66-6	Zinc	Y	2	ug/L	U	F	2		F	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	7440-38-2	Arsenic	Y	0.33	ug/L	U	F	0.33		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	7440-41-7	Beryllium	Y	0.08	ug/L	U	F	0.08		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	7440-42-8	Boron	Y	37	ug/L		F	4.4		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	7440-47-3	Chromium	Y	0.5	ug/L	U	F	0.5		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	7440-50-8	Copper	Y	0.56	ug/L	U	F	0.56		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	7439-97-6	Mercury	Y	0.027	ug/L	U	F	0.027		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD

Appendix B
Analytical Results for Water Samples—Second Quarter CY 2019
RFLMA Data

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
73005	WL	4/18/2019	RFS01-10.1904011-004	7440-02-0	Nickel	Y	1.1	ug/L	J	F	0.3		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	7782-49-2	Selenium	Y	7.5	ug/L		F	0.37		FJQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	7440-22-4	Silver	Y	0.033	ug/L	U	F	0.033		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	7440-61-1	Uranium	Y	40	ug/L		F	0.05		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
73005	WL	4/18/2019	RFS01-10.1904011-004	7440-66-6	Zinc	Y	2	ug/L	U	F	2		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	7440-38-2	Arsenic	Y	0.33	ug/L	U	F	0.33		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	7440-41-7	Beryllium	Y	0.08	ug/L	U	F	0.08		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	7440-42-8	Boron	Y	110	ug/L		F	4.4		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	7440-47-3	Chromium	Y	0.5	ug/L	U	F	0.5		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	7440-50-8	Copper	Y	0.56	ug/L	U	F	0.56		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	7439-97-6	Mercury	Y	0.027	ug/L	U	F	0.027		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	7440-02-0	Nickel	Y	4.3	ug/L		F	0.3		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	7782-49-2	Selenium	Y	0.37	ug/L	U	F	0.37		FJQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	7440-22-4	Silver	Y	0.033	ug/L	U	F	0.033		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	1330-20-7	Total Xylenes	N	0.24	ug/L	J	F	0.19		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	7440-61-1	Uranium	Y	23	ug/L		F	0.05		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
73105	WL	4/18/2019	RFS01-10.1904011-005	7440-66-6	Zinc	Y	4.4	ug/L	J	F	2		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	7440-38-2	Arsenic	Y	0.38	ug/L	J	F	0.33		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	7440-41-7	Beryllium	Y	0.08	ug/L	U	F	0.08		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	7440-42-8	Boron	Y	65	ug/L		F	4.4		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD

Appendix B
Analytical Results for Water Samples—Second Quarter CY 2019
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
73205	WL	4/17/2019	RFS01-10.1904011-006	7440-47-3	Chromium	Y	0.99	ug/L	J	F	0.5		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	7440-50-8	Copper	Y	3.1	ug/L		F	0.56		FJQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	7439-97-6	Mercury	Y	0.027	ug/L	U	F	0.027		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	7440-02-0	Nickel	Y	2.8	ug/L		F	0.3		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	7782-49-2	Selenium	Y	310	ug/L		F	0.37		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	7440-22-4	Silver	Y	0.033	ug/L	U	F	0.033		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	7440-61-1	Uranium	Y	130	ug/L		F	0.05		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
73205	WL	4/17/2019	RFS01-10.1904011-006	7440-66-6	Zinc	Y	2	ug/L	U	F	2		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U H	F	0.16		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U H	F	0.21		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U H	F	0.27		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U H	F	0.23		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U H	F	0.21		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U H	F	0.15		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U H	F	0.13		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U H	F	0.18		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U H	F	0.13		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U H	F	0.16		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	91-58-7	2-Chloronaphthalene	N	0.25	ug/L	U	F	0.25		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-008	83-32-9	Acenaphthene	N	0.011	ug/L	U	F	0.011		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-008	120-12-7	Anthracene	N	0.015	ug/L	U	F	0.015		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	7440-38-2	Arsenic	Y	0.33	ug/L	U	F	0.33		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	71-43-2	Benzene	N	0.16	ug/L	U H	F	0.16		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-008	50-32-8	Benzo(a)pyrene	N	0.0053	ug/L	U	F	0.0053		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-008	191-24-2	Benzo(g,h,i)Perylene	N	0.0084	ug/L	U	F	0.0084		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	7440-41-7	Beryllium	Y	0.08	ug/L	U	F	0.08		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	108-60-1	Bis(2-chloroisopropyl) ether	N	0.27	ug/L	U	F	0.27		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	117-81-7	Bis(2-ethylhexyl) phthalate	N	0.53	ug/L	U	F	0.53		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	7440-42-8	Boron	Y	42	ug/L		F	4.4		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	75-25-2	Bromoform	N	0.46	ug/L	U H	F	0.46		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U H	F	0.19		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	108-90-7	Chlorobenzene	N	0.17	ug/L	U H	F	0.17		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	67-66-3	Chloroform	N	0.16	ug/L	U H	F	0.16		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	74-87-3	Chloromethane	N	0.3	ug/L	U H	F	0.3		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	7440-47-3	Chromium	Y	0.5	ug/L	U	F	0.5		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-008	218-01-9	Chrysene	N	0.013	ug/L	U	F	0.013		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U H	F	0.15		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	7440-50-8	Copper	Y	0.56	ug/L	U	F	0.56		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-008	53-70-3	Dibenz(a,h)anthracene	N	0.005	ug/L	U	F	0.005		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	84-66-2	Diethyl phthalate	N	0.36	ug/L	U	F	0.36		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	131-11-3	Dimethyl phthalate	N	0.2	ug/L	U	F	0.2		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	84-74-2	Di-n-butyl phthalate	N	1.1	ug/L	U	F	1.1		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	100-41-4	Ethylbenzene	N	0.16	ug/L	U H	F	0.16		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-008	206-44-0	Fluoranthene	N	0.036	ug/L	U	F	0.036		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-008	86-73-7	Fluorene	N	0.019	ug/L	U	F	0.019		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U H	F	0.36		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	67-72-1	Hexachloroethane	N	0.93	ug/L	U	F	0.93		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	78-59-1	Isophorone	N	0.2	ug/L	U	F	0.2		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	7439-97-6	Mercury	Y	0.027	ug/L	U	F	0.027		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	75-09-2	Methylene chloride	N	0.94	ug/L	U H	F	0.94		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-008	91-20-3	Naphthalene	N	0.0055	ug/L	U	F	0.0055		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	7440-02-0	Nickel	Y	0.4	ug/L	J	F	0.3		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-008	129-00-0	Pyrene	N	0.0083	ug/L	U	F	0.0083		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	7782-49-2	Selenium	Y	0.42	ug/L	J	F	0.37		FJQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	7440-22-4	Silver	Y	0.033	ug/L	U	F	0.033		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	100-42-5	Styrene	N	0.36	ug/L	U H	F	0.36		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	127-18-4	Tetrachloroethene	N	0.2	ug/L	U H	F	0.2		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	108-88-3	Toluene	N	0.17	ug/L	U H	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
80005	WL	4/15/2019	RFS01-10.1904011-007	1330-20-7	Total Xylenes	N	0.19	ug/L	U H	F	0.19		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U H	F	0.15		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	79-01-6	Trichloroethene	N	0.16	ug/L	U H	F	0.16		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	7440-61-1	Uranium	Y	6.9	ug/L	W	F	0.05		FJQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	75-01-4	Vinyl chloride	N	0.1	ug/L	U H	F	0.1		FQ	G	STD
80005	WL	4/15/2019	RFS01-10.1904011-007	7440-66-6	Zinc	Y	2	ug/L	U	F	2		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	D	0.16		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	D	0.21		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	D	0.27		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	D	0.23		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	D	0.21		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	D	0.15		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	D	0.13		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	D	0.18		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	D	0.13		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	D	0.16		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	91-58-7	2-Chloronaphthalene	N	0.27	ug/L	U	F	0.27		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	91-58-7	2-Chloronaphthalene	N	0.26	ug/L	U	D	0.26		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-010	83-32-9	Acenaphthene	N	0.011	ug/L	U	F	0.011		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-016	83-32-9	Acenaphthene	N	0.011	ug/L	U	D	0.011		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-010	120-12-7	Anthracene	N	0.015	ug/L	U	F	0.015		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-016	120-12-7	Anthracene	N	0.014	ug/L	U	D	0.014		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	7440-38-2	Arsenic	Y	0.33	ug/L	U	F	0.33		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	7440-38-2	Arsenic	Y	0.33	ug/L	U	D	0.33		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	71-43-2	Benzene	N	0.16	ug/L	U	D	0.16		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-010	50-32-8	Benzo(a)pyrene	N	0.0053	ug/L	U	F	0.0053		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-016	50-32-8	Benzo(a)pyrene	N	0.0052	ug/L	U	D	0.0052		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-010	191-24-2	Benzo(g,h,i)Perylene	N	0.0084	ug/L	U	F	0.0084		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-016	191-24-2	Benzo(g,h,i)Perylene	N	0.0082	ug/L	U	D	0.0082		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	7440-41-7	Beryllium	Y	0.26	ug/L	J	F	0.08		FJQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	7440-41-7	Beryllium	Y	0.08	ug/L	U	D	0.08		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	108-60-1	Bis(2-chloroisopropyl) ether	N	0.3	ug/L	U	F	0.3		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	108-60-1	Bis(2-chloroisopropyl) ether	N	0.27	ug/L	U	D	0.27		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	117-81-7	Bis(2-ethylhexyl) phthalate	N	0.59	ug/L	U	F	0.59		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	117-81-7	Bis(2-ethylhexyl) phthalate	N	0.55	ug/L	U	D	0.55		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	7440-42-8	Boron	Y	120	ug/L		F	4.4		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	7440-42-8	Boron	Y	110	ug/L		D	4.4		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	75-25-2	Bromoform	N	0.46	ug/L	U	D	0.46		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	7440-43-9	Cadmium	Y	0.27	ug/L	U	D	0.27		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	D	0.19		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	108-90-7	Chlorobenzene	N	0.17	ug/L	U	D	0.17		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	67-66-3	Chloroform	N	0.16	ug/L	U	D	0.16		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	74-87-3	Chloromethane	N	0.3	ug/L	U	D	0.3		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	7440-47-3	Chromium	Y	0.5	ug/L	U	F	0.5		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	7440-47-3	Chromium	Y	0.5	ug/L	U	D	0.5		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-010	218-01-9	Chrysene	N	0.013	ug/L	U	F	0.013		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-016	218-01-9	Chrysene	N	0.012	ug/L	U	D	0.012		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	D	0.15		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	7440-50-8	Copper	Y	0.56	ug/L	U	F	0.56		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	7440-50-8	Copper	Y	0.56	ug/L	U	D	0.56		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-010	53-70-3	Dibenz(a,h)anthracene	N	0.005	ug/L	U	F	0.005		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-016	53-70-3	Dibenz(a,h)anthracene	N	0.0049	ug/L	U	D	0.0049		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	84-66-2	Diethyl phthalate	N	0.4	ug/L	U	F	0.4		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	84-66-2	Diethyl phthalate	N	0.37	ug/L	U	D	0.37		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	131-11-3	Dimethyl phthalate	N	0.22	ug/L	U	F	0.22		FQ	G	STD

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80105	WL	4/16/2019	RFS01-10.1904011-015	131-11-3	Dimethyl phthalate	N	0.21	ug/L	U	D	0.21		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	84-74-2	Di-n-butyl phthalate	N	1.2	ug/L	U	F	1.2		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	84-74-2	Di-n-butyl phthalate	N	1.1	ug/L	U	D	1.1		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	100-41-4	Ethylbenzene	N	0.16	ug/L	U	D	0.16		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-010	206-44-0	Fluoranthene	N	0.036	ug/L	U	F	0.036		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-016	206-44-0	Fluoranthene	N	0.035	ug/L	U	D	0.035		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-010	86-73-7	Fluorene	N	0.019	ug/L	U	F	0.019		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-016	86-73-7	Fluorene	N	0.019	ug/L	U	D	0.019		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	D	0.36		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	67-72-1	Hexachloroethane	N	1	ug/L	U	F	1		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	67-72-1	Hexachloroethane	N	0.96	ug/L	U	D	0.96		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	78-59-1	Isophorone	N	0.22	ug/L	U	F	0.22		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	78-59-1	Isophorone	N	0.21	ug/L	U	D	0.21		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	7439-92-1	Lead	Y	0.18	ug/L	U	D	0.18		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	7439-97-6	Mercury	Y	0.027	ug/L	U	F	0.027		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	7439-97-6	Mercury	Y	0.027	ug/L	U	D	0.027		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	75-09-2	Methylene chloride	N	0.94	ug/L	U	D	0.94		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-010	91-20-3	Naphthalene	N	0.0055	ug/L	U	F	0.0055		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-016	91-20-3	Naphthalene	N	0.0054	ug/L	U	D	0.0054		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	7440-02-0	Nickel	Y	0.36	ug/L	J	F	0.3		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	7440-02-0	Nickel	Y	0.36	ug/L	J	D	0.3		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-010	129-00-0	Pyrene	N	0.0083	ug/L	U	F	0.0083		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-016	129-00-0	Pyrene	N	0.0082	ug/L	U	D	0.0082		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	7782-49-2	Selenium	Y	0.46	ug/L	J	F	0.37		FJQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	7782-49-2	Selenium	Y	0.37	ug/L	U	D	0.37		FJQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	7440-22-4	Silver	Y	0.033	ug/L	U	F	0.033		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	7440-22-4	Silver	Y	0.033	ug/L	U	D	0.033		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	100-42-5	Styrene	N	0.36	ug/L	U	D	0.36		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	D	0.2		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	108-88-3	Toluene	N	0.17	ug/L	U	D	0.17		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	1330-20-7	Total Xylenes	N	0.19	ug/L	U	D	0.19		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	D	0.15		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	79-01-6	Trichloroethene	N	0.16	ug/L	U	D	0.16		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	7440-61-1	Uranium	Y	14	ug/L		F	0.05		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	7440-61-1	Uranium	Y	13	ug/L		D	0.05		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	75-01-4	Vinyl chloride	N	0.1	ug/L	U	D	0.1		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-009	7440-66-6	Zinc	Y	2	ug/L	U	F	2		FQ	G	STD
80105	WL	4/16/2019	RFS01-10.1904011-015	7440-66-6	Zinc	Y	2	ug/L	U	D	2		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	91-58-7	2-Chloronaphthalene	N	0.25	ug/L	U	F	0.25		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-012	83-32-9	Acenaphthene	N	0.01	ug/L	U	F	0.01		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-012	120-12-7	Anthracene	N	0.014	ug/L	U	F	0.014		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	7440-38-2	Arsenic	Y	0.33	ug/L	U	F	0.33		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-012	50-32-8	Benzo(a)pyrene	N	0.0049	ug/L	U	F	0.0049		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-012	191-24-2	Benzo(g,h,i)Perylene	N	0.0078	ug/L	U	F	0.0078		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	7440-41-7	Beryllium	Y	0.08	ug/L	U	F	0.08		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	108-60-1	Bis(2-chloroisopropyl) ether	N	0.27	ug/L	U	F	0.27		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	117-81-7	Bis(2-ethylhexyl) phthalate	N	0.54	ug/L	U	F	0.54		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	7440-42-8	Boron	Y	58	ug/L		F	4.4		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		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	4/17/2019	RFS01-10.1904011-011	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	7440-47-3	Chromium	Y	0.5	ug/L	U	F	0.5		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-012	218-01-9	Chrysene	N	0.012	ug/L	U	F	0.012		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	7440-50-8	Copper	Y	0.56	ug/L	U	F	0.56		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-012	53-70-3	Dibenz(a,h)anthracene	N	0.0046	ug/L	U	F	0.0046		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	84-66-2	Diethyl phthalate	N	0.37	ug/L	U	F	0.37		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	131-11-3	Dimethyl phthalate	N	0.2	ug/L	U	F	0.2		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	84-74-2	Di-n-butyl phthalate	N	1.1	ug/L	U	F	1.1		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-012	206-44-0	Fluoranthene	N	0.033	ug/L	U	F	0.033		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-012	86-73-7	Fluorene	N	0.018	ug/L	U	F	0.018		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	67-72-1	Hexachloroethane	N	0.95	ug/L	U	F	0.95		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	78-59-1	Isophorone	N	0.2	ug/L	U	F	0.2		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	7439-97-6	Mercury	Y	0.027	ug/L	U	F	0.027		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-012	91-20-3	Naphthalene	N	0.0051	ug/L	U	F	0.0051		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	7440-02-0	Nickel	Y	2.8	ug/L		F	0.3		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-012	129-00-0	Pyrene	N	0.0077	ug/L	U	F	0.0077		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	7782-49-2	Selenium	Y	0.44	ug/L	J	F	0.37		FJQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	7440-22-4	Silver	Y	0.033	ug/L	U	F	0.033		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	7440-61-1	Uranium	Y	52	ug/L		F	0.05		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
80205	WL	4/17/2019	RFS01-10.1904011-011	7440-66-6	Zinc	Y	2	ug/L	U	F	2		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
90399	WL	5/2/2019	RFS01-10.1905013-007	71-55-6	1,1,1-Trichloroethane	N	1.6	ug/L	U	F	1.6		FQ	G	STD
90399	WL	5/2/2019	RFS01-10.1905013-007	79-34-5	1,1,2,2-Tetrachloroethane	N	2.1	ug/L	U	F	2.1		FQ	G	STD
90399	WL	5/2/2019	RFS01-10.1905013-007	79-00-5	1,1,2-Trichloroethane	N	2.7	ug/L	U	F	2.7		FQ	G	STD
90399	WL	5/2/2019	RFS01-10.1905013-007	75-35-4	1,1-Dichloroethene	N	2.3	ug/L	U	F	2.3		FQ	G	STD
90399	WL	5/2/2019	RFS01-10.1905013-007	120-82-1	1,2,4-Trichlorobenzene	N	2.1	ug/L	U	F	2.1		FQ	G	STD
90399	WL	5/2/2019	RFS01-10.1905013-007	95-50-1	1,2-Dichlorobenzene	N	1.5	ug/L	U	F	1.5		FQ	G	STD
90399	WL	5/2/2019	RFS01-10.1905013-007	107-06-2	1,2-Dichloroethane	N	1.3	ug/L	U	F	1.3		FQ	G	STD
90399	WL	5/2/2019	RFS01-10.1905013-007	78-87-5	1,2-Dichloropropane	N	1.8	ug/L	U	F	1.8		FQ	G	STD
90399	WL	5/2/2019	RFS01-10.1905013-007	541-73-1	1,3-Dichlorobenzene	N	1.3	ug/L	U	F	1.3		FQ	G	STD
90399	WL	5/2/2019	RFS01-10.1905013-007	106-46-7	1,4-Dichlorobenzene	N	1.6	ug/L	U	F	1.6		FQ	G	STD
90399	WL	5/2/2019	RFS01-10.1905013-007	71-43-2	Benzene	N	1.6	ug/L	U	F	1.6		FQ	G	STD

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90399	WL	5/2/2019	RFS01-10.1905013-007	75-25-2	Bromoform	N	4.6	ug/L	U	F	4.6		FQ	G	STD
90399	WL	5/2/2019	RFS01-10.1905013-007	56-23-5	Carbon tetrachloride	N	97	ug/L		F	1.9		FQ	G	STD
90399	WL	5/2/2019	RFS01-10.1905013-007	108-90-7	Chlorobenzene	N	1.7	ug/L	U	F	1.7		FQ	G	STD
90399	WL	5/2/2019	RFS01-10.1905013-007	67-66-3	Chloroform	N	32	ug/L		F	1.6		FQ	G	STD
90399	WL	5/2/2019	RFS01-10.1905013-007	74-87-3	Chloromethane	N	3	ug/L	U	F	3		FQ	G	STD
90399	WL	5/2/2019	RFS01-10.1905013-007	156-59-2	cis-1,2-Dichloroethene	N	4.3	ug/L	J	F	1.5		FQ	G	STD
90399	WL	5/2/2019	RFS01-10.1905013-007	100-41-4	Ethylbenzene	N	1.6	ug/L	U	F	1.6		FQ	G	STD
90399	WL	5/2/2019	RFS01-10.1905013-007	87-68-3	Hexachlorobutadiene	N	3.6	ug/L	U	F	3.6		FQ	G	STD
90399	WL	5/2/2019	RFS01-10.1905013-007	75-09-2	Methylene chloride	N	9.4	ug/L	U	F	9.4		FQ	G	STD
90399	WL	5/2/2019	RFS01-10.1905013-007	91-20-3	Naphthalene	N	2.2	ug/L	U	F	2.2		FQ	G	STD
90399	WL	5/2/2019	RFS01-10.1905013-007	100-42-5	Styrene	N	3.6	ug/L	U	F	3.6		FQ	G	STD
90399	WL	5/2/2019	RFS01-10.1905013-007	127-18-4	Tetrachloroethene	N	8.4	ug/L	J	F	2		FQ	G	STD
90399	WL	5/2/2019	RFS01-10.1905013-007	108-88-3	Toluene	N	1.7	ug/L	U	F	1.7		FQ	G	STD
90399	WL	5/2/2019	RFS01-10.1905013-007	1330-20-7	Total Xylenes	N	1.9	ug/L	U	F	1.9		FQ	G	STD
90399	WL	5/2/2019	RFS01-10.1905013-007	156-60-5	trans-1,2-Dichloroethene	N	1.5	ug/L	U	F	1.5		FQ	G	STD
90399	WL	5/2/2019	RFS01-10.1905013-007	79-01-6	Trichloroethene	N	410	ug/L		F	1.6		FQ	G	STD
90399	WL	5/2/2019	RFS01-10.1905013-007	75-01-4	Vinyl chloride	N	1	ug/L	U	F	1		FQ	G	STD
91203	WL	5/3/2019	RFS01-10.1905013-008	71-55-6	1,1,1-Trichloroethane	N	7	ug/L		F	0.64		FQ	G	STD
91203	WL	5/3/2019	RFS01-10.1905013-008	79-34-5	1,1,2,2-Tetrachloroethane	N	0.84	ug/L	U	F	0.84		FQ	G	STD
91203	WL	5/3/2019	RFS01-10.1905013-008	79-00-5	1,1,2-Trichloroethane	N	1.1	ug/L	U	F	1.1		FQ	G	STD
91203	WL	5/3/2019	RFS01-10.1905013-008	75-35-4	1,1-Dichloroethene	N	1.3	ug/L	J	F	0.92		FQ	G	STD
91203	WL	5/3/2019	RFS01-10.1905013-008	120-82-1	1,2,4-Trichlorobenzene	N	0.84	ug/L	U	F	0.84		FQ	G	STD
91203	WL	5/3/2019	RFS01-10.1905013-008	95-50-1	1,2-Dichlorobenzene	N	0.6	ug/L	U	F	0.6		FQ	G	STD
91203	WL	5/3/2019	RFS01-10.1905013-008	107-06-2	1,2-Dichloroethane	N	0.52	ug/L	U	F	0.52		FQ	G	STD
91203	WL	5/3/2019	RFS01-10.1905013-008	78-87-5	1,2-Dichloropropane	N	0.72	ug/L	U	F	0.72		FQ	G	STD
91203	WL	5/3/2019	RFS01-10.1905013-008	541-73-1	1,3-Dichlorobenzene	N	0.52	ug/L	U	F	0.52		FQ	G	STD
91203	WL	5/3/2019	RFS01-10.1905013-008	106-46-7	1,4-Dichlorobenzene	N	0.64	ug/L	U	F	0.64		FQ	G	STD
91203	WL	5/3/2019	RFS01-10.1905013-008	71-43-2	Benzene	N	0.64	ug/L	U	F	0.64		FQ	G	STD
91203	WL	5/3/2019	RFS01-10.1905013-008	75-25-2	Bromoform	N	1.8	ug/L	U	F	1.8		FQ	G	STD
91203	WL	5/3/2019	RFS01-10.1905013-008	56-23-5	Carbon tetrachloride	N	120	ug/L		F	0.76		FQ	G	STD
91203	WL	5/3/2019	RFS01-10.1905013-008	108-90-7	Chlorobenzene	N	0.68	ug/L	U	F	0.68		FQ	G	STD
91203	WL	5/3/2019	RFS01-10.1905013-008	67-66-3	Chloroform	N	12	ug/L		F	0.64		FQ	G	STD
91203	WL	5/3/2019	RFS01-10.1905013-008	74-87-3	Chloromethane	N	1.2	ug/L	U	F	1.2		FQ	G	STD
91203	WL	5/3/2019	RFS01-10.1905013-008	156-59-2	cis-1,2-Dichloroethene	N	3.2	ug/L	J	F	0.6		FQ	G	STD
91203	WL	5/3/2019	RFS01-10.1905013-008	100-41-4	Ethylbenzene	N	0.64	ug/L	U	F	0.64		FQ	G	STD
91203	WL	5/3/2019	RFS01-10.1905013-008	87-68-3	Hexachlorobutadiene	N	1.4	ug/L	U	F	1.4		FQ	G	STD
91203	WL	5/3/2019	RFS01-10.1905013-008	75-09-2	Methylene chloride	N	3.8	ug/L	U	F	3.8		FQ	G	STD
91203	WL	5/3/2019	RFS01-10.1905013-008	91-20-3	Naphthalene	N	0.88	ug/L	U	F	0.88		FQ	G	STD
91203	WL	5/3/2019	RFS01-10.1905013-008	100-42-5	Styrene	N	1.4	ug/L	U	F	1.4		FQ	G	STD
91203	WL	5/3/2019	RFS01-10.1905013-008	127-18-4	Tetrachloroethene	N	110	ug/L		F	0.8		FQ	G	STD
91203	WL	5/3/2019	RFS01-10.1905013-008	108-88-3	Toluene	N	0.68	ug/L	U	F	0.68		FQ	G	STD
91203	WL	5/3/2019	RFS01-10.1905013-008	1330-20-7	Total Xylenes	N	0.76	ug/L	U	F	0.76		FQ	G	STD
91203	WL	5/3/2019	RFS01-10.1905013-008	156-60-5	trans-1,2-Dichloroethene	N	0.6	ug/L	U	F	0.6		FQ	G	STD
91203	WL	5/3/2019	RFS01-10.1905013-008	79-01-6	Trichloroethene	N	24	ug/L		F	0.64		FQ	G	STD
91203	WL	5/3/2019	RFS01-10.1905013-008	75-01-4	Vinyl chloride	N	0.4	ug/L	U	F	0.4		FQ	G	STD
91305	WL	5/6/2019	RFS01-10.1905014-007	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
91305	WL	5/6/2019	RFS01-10.1905014-007	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
91305	WL	5/6/2019	RFS01-10.1905014-007	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
91305	WL	5/6/2019	RFS01-10.1905014-007	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
91305	WL	5/6/2019	RFS01-10.1905014-007	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
91305	WL	5/6/2019	RFS01-10.1905014-007	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
91305	WL	5/6/2019	RFS01-10.1905014-007	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
91305	WL	5/6/2019	RFS01-10.1905014-007	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
91305	WL	5/6/2019	RFS01-10.1905014-007	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
91305	WL	5/6/2019	RFS01-10.1905014-007	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
91305	WL	5/6/2019	RFS01-10.1905014-007	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
91305	WL	5/6/2019	RFS01-10.1905014-007	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
91305	WL	5/6/2019	RFS01-10.1905014-007	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
91305	WL	5/6/2019	RFS01-10.1905014-007	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
91305	WL	5/6/2019	RFS01-10.1905014-007	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
91305	WL	5/6/2019	RFS01-10.1905014-007	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
91305	WL	5/6/2019	RFS01-10.1905014-007	156-59-2	cis-1,2-Dichloroethene	N	1.6	ug/L		F	0.15		FQ	G	STD
91305	WL	5/6/2019	RFS01-10.1905014-007	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
91305	WL	5/6/2019	RFS01-10.1905014-007	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
91305	WL	5/6/2019	RFS01-10.1905014-007	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
91305	WL	5/6/2019	RFS01-10.1905014-007	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
91305	WL	5/6/2019	RFS01-10.1905014-007	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.31	mg/L	B	F	0.019		FQ	G	STD
91305	WL	5/6/2019	RFS01-10.1905014-007	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
91305	WL	5/6/2019	RFS01-10.1905014-007	127-18-4	Tetrachloroethene	N	0.27	ug/L	J	F	0.2		FQ	G	STD
91305	WL	5/6/2019	RFS01-10.1905014-007	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
91305	WL	5/6/2019	RFS01-10.1905014-007	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
91305	WL	5/6/2019	RFS01-10.1905014-007	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
91305	WL	5/6/2019	RFS01-10.1905014-007	79-01-6	Trichloroethene	N	1.2	ug/L		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
91305	WL	5/6/2019	RFS01-10.1905014-007	7440-61-1	Uranium	Y	59	ug/L		F	0.05		FQ	G	STD
91305	WL	5/6/2019	RFS01-10.1905014-007	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
95099	WL	5/15/2019	RFS01-10.1905015-008	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
95099	WL	5/15/2019	RFS01-10.1905015-008	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
95099	WL	5/15/2019	RFS01-10.1905015-008	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
95099	WL	5/15/2019	RFS01-10.1905015-008	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
95099	WL	5/15/2019	RFS01-10.1905015-008	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
95099	WL	5/15/2019	RFS01-10.1905015-008	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
95099	WL	5/15/2019	RFS01-10.1905015-008	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
95099	WL	5/15/2019	RFS01-10.1905015-008	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
95099	WL	5/15/2019	RFS01-10.1905015-008	541-73-1	1,3-Dichlorobenzene	N	0.14	ug/L	J	F	0.13		FQ	G	STD
95099	WL	5/15/2019	RFS01-10.1905015-008	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
95099	WL	5/15/2019	RFS01-10.1905015-008	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
95099	WL	5/15/2019	RFS01-10.1905015-008	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
95099	WL	5/15/2019	RFS01-10.1905015-008	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
95099	WL	5/15/2019	RFS01-10.1905015-008	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
95099	WL	5/15/2019	RFS01-10.1905015-008	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
95099	WL	5/15/2019	RFS01-10.1905015-008	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
95099	WL	5/15/2019	RFS01-10.1905015-008	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
95099	WL	5/15/2019	RFS01-10.1905015-008	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
95099	WL	5/15/2019	RFS01-10.1905015-008	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
95099	WL	5/15/2019	RFS01-10.1905015-008	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
95099	WL	5/15/2019	RFS01-10.1905015-008	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
95099	WL	5/15/2019	RFS01-10.1905015-008	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
95099	WL	5/15/2019	RFS01-10.1905015-008	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
95099	WL	5/15/2019	RFS01-10.1905015-008	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
95099	WL	5/15/2019	RFS01-10.1905015-008	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
95099	WL	5/15/2019	RFS01-10.1905015-008	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
95099	WL	5/15/2019	RFS01-10.1905015-008	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
95099	WL	5/15/2019	RFS01-10.1905015-008	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
95199	WL	5/3/2019	RFS01-10.1905013-010	71-55-6	1,1,1-Trichloroethane	N	0.32	ug/L	U	F	0.32		FQ	G	STD
95199	WL	5/3/2019	RFS01-10.1905013-010	79-34-5	1,1,2,2-Tetrachloroethane	N	0.42	ug/L	U	F	0.42		FQ	G	STD
95199	WL	5/3/2019	RFS01-10.1905013-010	79-00-5	1,1,2-Trichloroethane	N	0.54	ug/L	U	F	0.54		FQ	G	STD
95199	WL	5/3/2019	RFS01-10.1905013-010	75-35-4	1,1-Dichloroethene	N	0.96	ug/L	J	F	0.46		FQ	G	STD
95199	WL	5/3/2019	RFS01-10.1905013-010	120-82-1	1,2,4-Trichlorobenzene	N	0.42	ug/L	U	F	0.42		FQ	G	STD
95199	WL	5/3/2019	RFS01-10.1905013-010	95-50-1	1,2-Dichlorobenzene	N	0.3	ug/L	U	F	0.3		FQ	G	STD
95199	WL	5/3/2019	RFS01-10.1905013-010	107-06-2	1,2-Dichloroethane	N	0.26	ug/L	U	F	0.26		FQ	G	STD
95199	WL	5/3/2019	RFS01-10.1905013-010	78-87-5	1,2-Dichloropropane	N	0.36	ug/L	U	F	0.36		FQ	G	STD
95199	WL	5/3/2019	RFS01-10.1905013-010	541-73-1	1,3-Dichlorobenzene	N	0.26	ug/L	U	F	0.26		FQ	G	STD
95199	WL	5/3/2019	RFS01-10.1905013-010	106-46-7	1,4-Dichlorobenzene	N	0.32	ug/L	U	F	0.32		FQ	G	STD
95199	WL	5/3/2019	RFS01-10.1905013-010	71-43-2	Benzene	N	0.32	ug/L	U	F	0.32		FQ	G	STD
95199	WL	5/3/2019	RFS01-10.1905013-010	75-25-2	Bromoform	N	0.92	ug/L	U	F	0.92		FQ	G	STD
95199	WL	5/3/2019	RFS01-10.1905013-010	56-23-5	Carbon tetrachloride	N	0.38	ug/L	U	F	0.38		FQ	G	STD
95199	WL	5/3/2019	RFS01-10.1905013-010	108-90-7	Chlorobenzene	N	0.34	ug/L	U	F	0.34		FQ	G	STD
95199	WL	5/3/2019	RFS01-10.1905013-010	67-66-3	Chloroform	N	0.32	ug/L	U	F	0.32		FQ	G	STD
95199	WL	5/3/2019	RFS01-10.1905013-010	74-87-3	Chloromethane	N	0.6	ug/L	U	F	0.6		FQ	G	STD
95199	WL	5/3/2019	RFS01-10.1905013-010	156-59-2	cis-1,2-Dichloroethene	N	9.5	ug/L		F	0.3		FQ	G	STD
95199	WL	5/3/2019	RFS01-10.1905013-010	100-41-4	Ethylbenzene	N	0.32	ug/L	U	F	0.32		FQ	G	STD
95199	WL	5/3/2019	RFS01-10.1905013-010	87-68-3	Hexachlorobutadiene	N	0.72	ug/L	U	F	0.72		FQ	G	STD
95199	WL	5/3/2019	RFS01-10.1905013-010	75-09-2	Methylene chloride	N	1.9	ug/L	U	F	1.9		FQ	G	STD
95199	WL	5/3/2019	RFS01-10.1905013-010	91-20-3	Naphthalene	N	0.44	ug/L	U	F	0.44		FQ	G	STD
95199	WL	5/3/2019	RFS01-10.1905013-010	100-42-5	Styrene	N	0.71	ug/L	U	F	0.71		FQ	G	STD
95199	WL	5/3/2019	RFS01-10.1905013-010	127-18-4	Tetrachloroethene	N	4.5	ug/L		F	0.4		FQ	G	STD
95199	WL	5/3/2019	RFS01-10.1905013-010	108-88-3	Toluene	N	0.34	ug/L	U	F	0.34		FQ	G	STD
95199	WL	5/3/2019	RFS01-10.1905013-010	1330-20-7	Total Xylenes	N	0.38	ug/L	U	F	0.38		FQ	G	STD
95199	WL	5/3/2019	RFS01-10.1905013-010	156-60-5	trans-1,2-Dichloroethene	N	0.3	ug/L	U	F	0.3		FQ	G	STD
95199	WL	5/3/2019	RFS01-10.1905013-010	79-01-6	Trichloroethene	N	90	ug/L		F	0.32		FQ	G	STD
95199	WL	5/3/2019	RFS01-10.1905013-010	75-01-4	Vinyl chloride	N	0.2	ug/L	U	F	0.2		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-009	71-55-6	1,1,1-Trichloroethane	N	0.64	ug/L	U	F	0.64		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-017	71-55-6	1,1,1-Trichloroethane	N	0.64	ug/L	U	D	0.64		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-009	79-34-5	1,1,2,2-Tetrachloroethane	N	0.84	ug/L	U	F	0.84		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-017	79-34-5	1,1,2,2-Tetrachloroethane	N	0.84	ug/L	U	D	0.84		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-009	79-00-5	1,1,2-Trichloroethane	N	1.1	ug/L	U	F	1.1		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-017	79-00-5	1,1,2-Trichloroethane	N	1.1	ug/L	U	D	1.1		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-009	75-35-4	1,1-Dichloroethene	N	0.92	ug/L	U	F	0.92		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-017	75-35-4	1,1-Dichloroethene	N	0.92	ug/L	U	D	0.92		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-009	120-82-1	1,2,4-Trichlorobenzene	N	0.84	ug/L	U	F	0.84		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-017	120-82-1	1,2,4-Trichlorobenzene	N	0.84	ug/L	U	D	0.84		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-009	95-50-1	1,2-Dichlorobenzene	N	0.6	ug/L	U	F	0.6		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-017	95-50-1	1,2-Dichlorobenzene	N	0.6	ug/L	U	D	0.6		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-009	107-06-2	1,2-Dichloroethane	N	0.52	ug/L	U	F	0.52		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-017	107-06-2	1,2-Dichloroethane	N	0.52	ug/L	U	D	0.52		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-009	78-87-5	1,2-Dichloropropane	N	0.72	ug/L	U	F	0.72		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
99305	WL	5/14/2019	RFS01-10.1905015-017	78-87-5	1,2-Dichloropropane	N	0.72	ug/L	U	D	0.72		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-009	541-73-1	1,3-Dichlorobenzene	N	0.52	ug/L	U	F	0.52		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-017	541-73-1	1,3-Dichlorobenzene	N	0.52	ug/L	U	D	0.52		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-009	106-46-7	1,4-Dichlorobenzene	N	0.64	ug/L	U	F	0.64		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-017	106-46-7	1,4-Dichlorobenzene	N	0.64	ug/L	U	D	0.64		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-009	71-43-2	Benzene	N	0.64	ug/L	U	F	0.64		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-017	71-43-2	Benzene	N	0.64	ug/L	U	D	0.64		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-009	75-25-2	Bromoform	N	1.8	ug/L	U	F	1.8		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-017	75-25-2	Bromoform	N	1.8	ug/L	U	D	1.8		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-009	56-23-5	Carbon tetrachloride	N	0.76	ug/L	U	F	0.76		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-017	56-23-5	Carbon tetrachloride	N	0.76	ug/L	U	D	0.76		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-009	108-90-7	Chlorobenzene	N	0.68	ug/L	U	F	0.68		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-017	108-90-7	Chlorobenzene	N	0.68	ug/L	U	D	0.68		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-009	67-66-3	Chloroform	N	0.64	ug/L	U	F	0.64		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-017	67-66-3	Chloroform	N	0.64	ug/L	U	D	0.64		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-009	74-87-3	Chloromethane	N	1.2	ug/L	U	F	1.2		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-017	74-87-3	Chloromethane	N	1.2	ug/L	U	D	1.2		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-009	156-59-2	cis-1,2-Dichloroethene	N	14	ug/L		F	0.6		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-017	156-59-2	cis-1,2-Dichloroethene	N	13	ug/L		D	0.6		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-009	100-41-4	Ethylbenzene	N	0.64	ug/L	U	F	0.64		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-017	100-41-4	Ethylbenzene	N	0.64	ug/L	U	D	0.64		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-009	87-68-3	Hexachlorobutadiene	N	1.4	ug/L	U	F	1.4		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-017	87-68-3	Hexachlorobutadiene	N	1.4	ug/L	U	D	1.4		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-009	75-09-2	Methylene chloride	N	3.8	ug/L	U	F	3.8		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-017	75-09-2	Methylene chloride	N	3.8	ug/L	U	D	3.8		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-009	91-20-3	Naphthalene	N	0.88	ug/L	U	F	0.88		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-017	91-20-3	Naphthalene	N	0.88	ug/L	U	D	0.88		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-009	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.37	mg/L	B	F	0.019		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-017	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.39	mg/L	B	D	0.019		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-009	100-42-5	Styrene	N	1.4	ug/L	U	F	1.4		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-017	100-42-5	Styrene	N	1.4	ug/L	U	D	1.4		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-009	127-18-4	Tetrachloroethene	N	12	ug/L		F	0.8		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-017	127-18-4	Tetrachloroethene	N	12	ug/L		D	0.8		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-009	108-88-3	Toluene	N	0.68	ug/L	U	F	0.68		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-017	108-88-3	Toluene	N	0.68	ug/L	U	D	0.68		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-009	1330-20-7	Total Xylenes	N	0.76	ug/L	U	F	0.76		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-017	1330-20-7	Total Xylenes	N	0.76	ug/L	U	D	0.76		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-009	156-60-5	trans-1,2-Dichloroethene	N	0.6	ug/L	U	F	0.6		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-017	156-60-5	trans-1,2-Dichloroethene	N	0.6	ug/L	U	D	0.6		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-009	79-01-6	Trichloroethene	N	110	ug/L		F	0.64		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-017	79-01-6	Trichloroethene	N	110	ug/L		D	0.64		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-009	7440-61-1	Uranium	Y	31	ug/L		F	0.05		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-017	7440-61-1	Uranium	Y	32	ug/L		D	0.05		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-009	75-01-4	Vinyl chloride	N	0.4	ug/L	U	F	0.4		FQ	G	STD
99305	WL	5/14/2019	RFS01-10.1905015-017	75-01-4	Vinyl chloride	N	0.4	ug/L	U	D	0.4		FQ	G	STD
99405	WL	5/14/2019	RFS01-10.1905015-010	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
99405	WL	5/14/2019	RFS01-10.1905015-010	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
99405	WL	5/14/2019	RFS01-10.1905015-010	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
99405	WL	5/14/2019	RFS01-10.1905015-010	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
99405	WL	5/14/2019	RFS01-10.1905015-010	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
99405	WL	5/14/2019	RFS01-10.1905015-010	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
99405	WL	5/14/2019	RFS01-10.1905015-010	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
99405	WL	5/14/2019	RFS01-10.1905015-010	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
99405	WL	5/14/2019	RFS01-10.1905015-010	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
99405	WL	5/14/2019	RFS01-10.1905015-010	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
99405	WL	5/14/2019	RFS01-10.1905015-010	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
99405	WL	5/14/2019	RFS01-10.1905015-010	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
99405	WL	5/14/2019	RFS01-10.1905015-010	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
99405	WL	5/14/2019	RFS01-10.1905015-010	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
99405	WL	5/14/2019	RFS01-10.1905015-010	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
99405	WL	5/14/2019	RFS01-10.1905015-010	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
99405	WL	5/14/2019	RFS01-10.1905015-010	156-59-2	cis-1,2-Dichloroethene	N	0.86	ug/L	J	F	0.15		FQ	G	STD
99405	WL	5/14/2019	RFS01-10.1905015-010	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
99405	WL	5/14/2019	RFS01-10.1905015-010	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
99405	WL	5/14/2019	RFS01-10.1905015-010	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
99405	WL	5/14/2019	RFS01-10.1905015-010	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
99405	WL	5/14/2019	RFS01-10.1905015-010	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	1.2	mg/L	B	F	0.019		FQ	G	STD
99405	WL	5/14/2019	RFS01-10.1905015-010	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
99405	WL	5/14/2019	RFS01-10.1905015-010	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
99405	WL	5/14/2019	RFS01-10.1905015-010	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
99405	WL	5/14/2019	RFS01-10.1905015-010	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
99405	WL	5/14/2019	RFS01-10.1905015-010	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
99405	WL	5/14/2019	RFS01-10.1905015-010	79-01-6	Trichloroethene	N	9.1	ug/L		F	0.16		FQ	G	STD

Appendix B
Analytical Results for Water Samples—Second Quarter CY 2019
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
99405	WL	5/14/2019	RFS01-10.1905015-010	7440-61-1	Uranium	Y	360	ug/L		F	0.05		FQ	G	STD
99405	WL	5/14/2019	RFS01-10.1905015-010	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	6.5	mg/L	B	F	0.019		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	7440-61-1	Uranium	Y	110	ug/L		F	0.05		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
GS05	SL	4/2/2019	RFS01-02.1904013-001	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16			G	STD
GS05	SL	4/2/2019	RFS01-02.1904013-001	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21			G	STD
GS05	SL	4/2/2019	RFS01-02.1904013-001	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27			G	STD
GS05	SL	4/2/2019	RFS01-02.1904013-001	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23			G	STD
GS05	SL	4/2/2019	RFS01-02.1904013-001	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21			G	STD
GS05	SL	4/2/2019	RFS01-02.1904013-001	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15			G	STD
GS05	SL	4/2/2019	RFS01-02.1904013-001	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13			G	STD
GS05	SL	4/2/2019	RFS01-02.1904013-001	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18			G	STD
GS05	SL	4/2/2019	RFS01-02.1904013-001	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13			G	STD
GS05	SL	4/2/2019	RFS01-02.1904013-001	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16			G	STD
GS05	SL	4/2/2019	RFS01-02.1904013-001	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16			G	STD
GS05	SL	4/2/2019	RFS01-02.1904013-001	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46			G	STD
GS05	SL	4/2/2019	RFS01-02.1904013-001	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19			G	STD
GS05	SL	4/2/2019	RFS01-02.1904013-001	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17			G	STD
GS05	SL	4/2/2019	RFS01-02.1904013-001	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16			G	STD
GS05	SL	4/2/2019	RFS01-02.1904013-001	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3			G	STD
GS05	SL	4/2/2019	RFS01-02.1904013-001	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15			G	STD
GS05	SL	4/2/2019	RFS01-02.1904013-001	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16			G	STD
GS05	SL	4/2/2019	RFS01-02.1904013-001	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36			G	STD
GS05	SL	4/2/2019	RFS01-02.1904013-001	7439-97-6	Mercury	N	0.027	ug/L	U	F	0.027			G	STD
GS05	SL	4/2/2019	RFS01-02.1904013-001	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94			G	STD
GS05	SL	4/2/2019	RFS01-02.1904013-001	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22			G	STD
GS05	SL	4/2/2019	RFS01-02.1904013-001	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36			G	STD
GS05	SL	4/2/2019	RFS01-02.1904013-001	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2			G	STD
GS05	SL	4/2/2019	RFS01-02.1904013-001	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17			G	STD
GS05	SL	4/2/2019	RFS01-02.1904013-001	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19			G	STD
GS05	SL	4/2/2019	RFS01-02.1904013-001	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15			G	STD
GS05	SL	4/2/2019	RFS01-02.1904013-001	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16			G	STD
GS05	SL	4/2/2019	RFS01-02.1904013-001	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1			G	STD
GS05	SL	4/9/2019	RFS01-02.1905014-001	7440-38-2	Arsenic	N	0.33	ug/L	U	F	0.33		J	C	STD
GS05	SL	4/9/2019	RFS01-02.1905014-001	7440-41-7	Beryllium	N	0.11	ug/L	J	F	0.08		U	C	STD
GS05	SL	4/9/2019	RFS01-02.1905014-001	7440-42-8	Boron	N	13	ug/L		F	4.4			C	STD
GS05	SL	4/9/2019	RFS01-02.1905014-001	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27			C	STD
GS05	SL	4/9/2019	RFS01-02.1905014-001	7440-47-3	Chromium	N	0.5	ug/L	U	F	0.5			C	STD
GS05	SL	4/9/2019	RFS01-02.1905014-001	7440-50-8	Copper	Y	2	ug/L		F	0.56		J	C	STD
GS05	SL	4/9/2019	RFS01-02.1905014-001	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18			C	STD
GS05	SL	4/9/2019	RFS01-02.1905014-001	7440-02-0	Nickel	Y	1.4	ug/L	J	F	0.3			C	STD
GS05	SL	4/9/2019	RFS01-02.1905014-001	7782-49-2	Selenium	N	0.37	ug/L	U	F	0.37			C	STD
GS05	SL	4/9/2019	RFS01-02.1905014-001	7440-22-4	Silver	Y	0.033	ug/L	U W	F	0.033			C	STD
GS05	SL	4/9/2019	RFS01-02.1905014-001	7440-61-1	Uranium	N	0.7	ug/L		F	0.05			C	STD
GS05	SL	4/9/2019	RFS01-02.1905014-001	7440-66-6	Zinc	Y	2.2	ug/L	J	F	2			C	STD

Appendix B
Analytical Results for Water Samples—Second Quarter CY 2019
RFLMA Data

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
GS05	SL	5/3/2019	RFS01-01.1905015-003	7440-38-2	Arsenic	N	2.23	ug/L	B	F	2			C	GEN
GS05	SL	5/3/2019	RFS01-01.1905015-003	7440-41-7	Beryllium	N	0.2	ug/L	U	F	0.2			C	GEN
GS05	SL	5/3/2019	RFS01-01.1905015-003	7440-42-8	Boron	N	21.4	ug/L		F	5.2			C	GEN
GS05	SL	5/3/2019	RFS01-01.1905015-002	7440-43-9	Cadmium	Y	0.3	ug/L	U	F	0.3			C	GEN
GS05	SL	5/3/2019	RFS01-01.1905015-003	7440-47-3	Chromium	N	3	ug/L	U	F	3			C	GEN
GS05	SL	5/3/2019	RFS01-01.1905015-002	7440-50-8	Copper	Y	2.48	ug/L	B	F	0.3			C	GEN
GS05	SL	5/3/2019	RFS01-01.1905015-002	7439-92-1	Lead	Y	0.65	ug/L	B	F	0.5			C	GEN
GS05	SL	5/3/2019	RFS01-01.1905015-002	7440-02-0	Nickel	Y	1.51	ug/L	B	F	0.6			C	GEN
GS05	SL	5/3/2019	RFS01-01.1905015-003	7782-49-2	Selenium	N	2	ug/L	U	F	2			C	GEN
GS05	SL	5/3/2019	RFS01-01.1905015-002	7440-22-4	Silver	Y	0.3	ug/L	U	F	0.3			C	GEN
GS05	SL	5/3/2019	RFS01-01.1905015-003	7440-61-1	Uranium	N	0.728	ug/L	B	F	0.067			C	GEN
GS05	SL	5/3/2019	RFS01-01.1905015-002	7440-66-6	Zinc	Y	4.44	ug/L	B	F	3.3			C	GEN
GS05	SL	5/13/2019	RFS01-01.1905016-003	7440-38-2	Arsenic	N	2	ug/L	U	F	2			C	GEN
GS05	SL	5/13/2019	RFS01-01.1905016-003	7440-41-7	Beryllium	N	0.2	ug/L	U	F	0.2			C	GEN
GS05	SL	5/13/2019	RFS01-01.1905016-003	7440-42-8	Boron	N	18.5	ug/L		F	5.2			C	GEN
GS05	SL	5/13/2019	RFS01-01.1905016-002	7440-43-9	Cadmium	Y	0.3	ug/L	U	F	0.3			C	GEN
GS05	SL	5/13/2019	RFS01-01.1905016-003	7440-47-3	Chromium	N	3	ug/L	U	F	3			C	GEN
GS05	SL	5/13/2019	RFS01-01.1905016-002	7440-50-8	Copper	Y	2.34	ug/L	B	F	0.3			C	GEN
GS05	SL	5/13/2019	RFS01-01.1905016-002	7439-92-1	Lead	Y	0.5	ug/L	U	F	0.5			C	GEN
GS05	SL	5/13/2019	RFS01-01.1905016-002	7440-02-0	Nickel	Y	1.12	ug/L	B	F	0.6			C	GEN
GS05	SL	5/13/2019	RFS01-01.1905016-003	7782-49-2	Selenium	N	2	ug/L	U	F	2			C	GEN
GS05	SL	5/13/2019	RFS01-01.1905016-002	7440-22-4	Silver	Y	0.3	ug/L	U	F	0.3			C	GEN
GS05	SL	5/13/2019	RFS01-01.1905016-003	7440-61-1	Uranium	N	0.698	ug/L	B	F	0.067			C	GEN
GS05	SL	5/13/2019	RFS01-01.1905016-002	7440-66-6	Zinc	Y	7.41	ug/L	B	F	3.3		U	C	GEN
GS05	SL	5/24/2019	RFS01-01.1906018-003	7440-38-2	Arsenic	N	3.3	ug/L	B	F	2		U	C	GEN
GS05	SL	5/24/2019	RFS01-01.1906018-003	7440-41-7	Beryllium	N	0.2	ug/L	U	F	0.2			C	GEN
GS05	SL	5/24/2019	RFS01-01.1906018-003	7440-42-8	Boron	N	21.6	ug/L		F	5.2			C	GEN
GS05	SL	5/24/2019	RFS01-01.1906018-002	7440-43-9	Cadmium	Y	0.3	ug/L	U	F	0.3			C	GEN
GS05	SL	5/24/2019	RFS01-01.1906018-003	7440-47-3	Chromium	N	3	ug/L	U	F	3			C	GEN
GS05	SL	5/24/2019	RFS01-01.1906018-002	7440-50-8	Copper	Y	2.6	ug/L	B	F	0.3			C	GEN
GS05	SL	5/24/2019	RFS01-01.1906018-002	7439-92-1	Lead	Y	0.5	ug/L	U	F	0.5			C	GEN
GS05	SL	5/24/2019	RFS01-01.1906018-002	7440-02-0	Nickel	Y	1.3	ug/L	B	F	0.6			C	GEN
GS05	SL	5/24/2019	RFS01-01.1906018-003	7782-49-2	Selenium	N	2	ug/L	U	F	2			C	GEN
GS05	SL	5/24/2019	RFS01-01.1906018-002	7440-22-4	Silver	Y	0.3	ug/L	U	F	0.3			C	GEN
GS05	SL	5/24/2019	RFS01-01.1906018-003	7440-61-1	Uranium	N	0.566	ug/L	B	F	0.067			C	GEN
GS05	SL	5/24/2019	RFS01-01.1906018-002	7440-66-6	Zinc	Y	8.99	ug/L	B	F	3.3		U	C	GEN
GS05	SL	6/6/2019	RFS01-01.1907019-003	7440-38-2	Arsenic	N	2	ug/L	U	F	2			C	GEN
GS05	SL	6/6/2019	RFS01-01.1907019-008	7440-38-2	Arsenic	N	2	ug/L	U	D	2			C	GEN
GS05	SL	6/6/2019	RFS01-01.1907019-003	7440-41-7	Beryllium	N	0.2	ug/L	U	F	0.2			C	GEN
GS05	SL	6/6/2019	RFS01-01.1907019-008	7440-41-7	Beryllium	N	0.2	ug/L	U	D	0.2			C	GEN
GS05	SL	6/6/2019	RFS01-01.1907019-003	7440-42-8	Boron	N	26.5	ug/L		F	5.2			C	GEN
GS05	SL	6/6/2019	RFS01-01.1907019-008	7440-42-8	Boron	N	26	ug/L		D	5.2			C	GEN
GS05	SL	6/6/2019	RFS01-01.1907019-002	7440-43-9	Cadmium	Y	0.3	ug/L	U	F	0.3			C	GEN
GS05	SL	6/6/2019	RFS01-01.1907019-007	7440-43-9	Cadmium	Y	0.3	ug/L	U	D	0.3			C	GEN
GS05	SL	6/6/2019	RFS01-01.1907019-003	7440-47-3	Chromium	N	3	ug/L	U	F	3			C	GEN
GS05	SL	6/6/2019	RFS01-01.1907019-008	7440-47-3	Chromium	N	3	ug/L	U	D	3			C	GEN
GS05	SL	6/6/2019	RFS01-01.1907019-002	7440-50-8	Copper	Y	1.93	ug/L	B	F	0.3			C	GEN
GS05	SL	6/6/2019	RFS01-01.1907019-007	7440-50-8	Copper	Y	1.92	ug/L	B	D	0.3			C	GEN
GS05	SL	6/6/2019	RFS01-01.1907019-002	7439-92-1	Lead	Y	0.5	ug/L	U	F	0.5			C	GEN
GS05	SL	6/6/2019	RFS01-01.1907019-007	7439-92-1	Lead	Y	0.5	ug/L	U	D	0.5			C	GEN
GS05	SL	6/6/2019	RFS01-01.1907019-002	7440-02-0	Nickel	Y	1.19	ug/L	B	F	0.6			C	GEN
GS05	SL	6/6/2019	RFS01-01.1907019-007	7440-02-0	Nickel	Y	1.1	ug/L	B	D	0.6			C	GEN
GS05	SL	6/6/2019	RFS01-01.1907019-003	7782-49-2	Selenium	N	2	ug/L	U	F	2			C	GEN
GS05	SL	6/6/2019	RFS01-01.1907019-008	7782-49-2	Selenium	N	2	ug/L	U	D	2			C	GEN
GS05	SL	6/6/2019	RFS01-01.1907019-002	7440-22-4	Silver	Y	0.3	ug/L	U	F	0.3			C	GEN
GS05	SL	6/6/2019	RFS01-01.1907019-007	7440-22-4	Silver	Y	0.3	ug/L	U	D	0.3			C	GEN
GS05	SL	6/6/2019	RFS01-01.1907019-003	7440-61-1	Uranium	N	0.768	ug/L	B	F	0.067			C	GEN
GS05	SL	6/6/2019	RFS01-01.1907019-008	7440-61-1	Uranium	N	0.78	ug/L	B	D	0.067			C	GEN
GS05	SL	6/6/2019	RFS01-01.1907019-002	7440-66-6	Zinc	Y	3.3	ug/L	U	F	3.3			C	GEN
GS05	SL	6/6/2019	RFS01-01.1907019-007	7440-66-6	Zinc	Y	3.3	ug/L	U	D	3.3			C	GEN
GS10	SL	4/25/2019	RFS01-13.1905016-001	14596-10-2	Americium-241	N	0.00435	pCi/L	U	F		0.0226		C	GEN
GS10	SL	4/25/2019	RFS01-13.1905016-001	7440-41-7	Beryllium	N	1	ug/L	U	F	1			C	GEN
GS10	SL	4/25/2019	RFS01-13.1905016-001	7440-43-9	Cadmium	Y	0.3	ug/L	U	F	0.3			C	GEN
GS10	SL	4/25/2019	RFS01-13.1905016-001	7440-47-3	Chromium	N	1	ug/L	U	F	1			C	GEN
GS10	SL	4/25/2019	RFS01-13.1905016-001	PU-239,240	Plutonium-239, 240	N	-0.00278	pCi/L	U	F		0.00667		C	GEN
GS10	SL	4/25/2019	RFS01-13.1905016-001	7440-22-4	Silver	Y	0.3	ug/L	U	F	0.3			C	GEN
GS10	SL	4/25/2019	RFS01-13.1905016-001	7440-61-1	Uranium	N	18.4	ug/L		F	0.067			C	GEN
GS10	SL	5/13/2019	RFS01-13.1905017-001	14596-10-2	Americium-241	N	0.00365	pCi/L	U	F		0.00717		C	GEN
GS10	SL	5/13/2019	RFS01-13.1905017-001	7440-41-7	Beryllium	N	1	ug/L	U	F	1			C	GEN
GS10	SL	5/13/2019	RFS01-13.1905017-001	7440-43-9	Cadmium	Y	0.3	ug/L	U	F	0.3			C	GEN
GS10	SL	5/13/2019	RFS01-13.1905017-001	7440-47-3	Chromium	N	1	ug/L	U	F	1			C	GEN
GS10	SL	5/13/2019	RFS01-13.1905017-001	PU-239,240	Plutonium-239, 240	N	-0.0019	pCi/L	U	F		0.0112		C	GEN
GS10	SL	5/13/2019	RFS01-13.1905017-001	7440-22-4	Silver	Y	0.3	ug/L	U	F	0.3			C	GEN

Appendix B
Analytical Results for Water Samples—Second Quarter CY 2019
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
GS10	SL	5/13/2019	RFS01-13.1905017-001	7440-61-1	Uranium	N	14.5	ug/L		F	0.067			C	GEN
GS10	SL	5/24/2019	RFS01-13.1906018-001	14596-10-2	Americium-241	N	0.0195	pCi/L	U	F		0.0159		C	GEN
GS10	SL	5/24/2019	RFS01-13.1906018-005	14596-10-2	Americium-241	N	0.0165	pCi/L	U	D		0.0295		C	GEN
GS10	SL	5/24/2019	RFS01-13.1906018-001	7440-41-7	Beryllium	N	1	ug/L	U	F	1			C	GEN
GS10	SL	5/24/2019	RFS01-13.1906018-005	7440-41-7	Beryllium	N	1	ug/L	U	D	1			C	GEN
GS10	SL	5/24/2019	RFS01-13.1906018-001	7440-43-9	Cadmium	Y	0.3	ug/L	U	F	0.3			C	GEN
GS10	SL	5/24/2019	RFS01-13.1906018-005	7440-43-9	Cadmium	Y	0.3	ug/L	U	D	0.3			C	GEN
GS10	SL	5/24/2019	RFS01-13.1906018-001	7440-47-3	Chromium	N	1	ug/L	U	F	1			C	GEN
GS10	SL	5/24/2019	RFS01-13.1906018-005	7440-47-3	Chromium	N	1	ug/L	U	D	1			C	GEN
GS10	SL	5/24/2019	RFS01-13.1906018-001	PU-239,240	Plutonium-239, 240	N	-0.00783	pCi/L	U	F		0.0163		C	GEN
GS10	SL	5/24/2019	RFS01-13.1906018-005	PU-239,240	Plutonium-239, 240	N	0.033	pCi/L	U	D		0.0282		C	GEN
GS10	SL	5/24/2019	RFS01-13.1906018-001	7440-22-4	Silver	Y	0.3	ug/L	U	F	0.3			C	GEN
GS10	SL	5/24/2019	RFS01-13.1906018-005	7440-22-4	Silver	Y	0.3	ug/L	U	D	0.3			C	GEN
GS10	SL	5/24/2019	RFS01-13.1906018-001	7440-61-1	Uranium	N	10.2	ug/L		F	0.067			C	GEN
GS10	SL	5/24/2019	RFS01-13.1906018-005	7440-61-1	Uranium	N	9.35	ug/L		D	0.067			C	GEN
GS10	SL	5/29/2019	RFS01-13.1906019-001	14596-10-2	Americium-241	N	0.00213	pCi/L	U	F		0.00932		C	GEN
GS10	SL	5/29/2019	RFS01-13.1906019-001	7440-41-7	Beryllium	N	1	ug/L	U	F	1			C	GEN
GS10	SL	5/29/2019	RFS01-13.1906019-001	7440-43-9	Cadmium	Y	0.3	ug/L	U	F	0.3			C	GEN
GS10	SL	5/29/2019	RFS01-13.1906019-001	7440-47-3	Chromium	N	1	ug/L	U	F	1			C	GEN
GS10	SL	5/29/2019	RFS01-13.1906019-001	PU-239,240	Plutonium-239, 240	N	0.0101	pCi/L	U	F		0.0115		C	GEN
GS10	SL	5/29/2019	RFS01-13.1906019-001	7440-22-4	Silver	Y	0.3	ug/L	U	F	0.3			C	GEN
GS10	SL	5/29/2019	RFS01-13.1906019-001	7440-61-1	Uranium	N	11.1	ug/L		F	0.067			C	GEN
GS10	SL	6/6/2019	RFS01-13.1906019-005	14596-10-2	Americium-241	N	0.0231	pCi/L	U	D		0.0252		C	GEN
GS10	SL	6/6/2019	RFS01-13.1906019-007	14596-10-2	Americium-241	N	0.0109	pCi/L	U	F		0.0266		C	GEN
GS10	SL	6/6/2019	RFS01-13.1906019-005	7440-41-7	Beryllium	N	1	ug/L	U	D	1			C	GEN
GS10	SL	6/6/2019	RFS01-13.1906019-007	7440-41-7	Beryllium	N	1	ug/L	U	F	1			C	GEN
GS10	SL	6/6/2019	RFS01-13.1906019-005	7440-43-9	Cadmium	Y	0.3	ug/L	U	D	0.3			C	GEN
GS10	SL	6/6/2019	RFS01-13.1906019-007	7440-43-9	Cadmium	Y	0.3	ug/L	U	F	0.3			C	GEN
GS10	SL	6/6/2019	RFS01-13.1906019-005	7440-47-3	Chromium	N	1	ug/L	U	D	1			C	GEN
GS10	SL	6/6/2019	RFS01-13.1906019-007	7440-47-3	Chromium	N	1	ug/L	U	F	1			C	GEN
GS10	SL	6/6/2019	RFS01-13.1906019-005	PU-239,240	Plutonium-239, 240	N	0.00435	pCi/L	U	D		0.00854		C	GEN
GS10	SL	6/6/2019	RFS01-13.1906019-007	PU-239,240	Plutonium-239, 240	N	0.017	pCi/L	U	F		0.0144		C	GEN
GS10	SL	6/6/2019	RFS01-13.1906019-005	7440-22-4	Silver	Y	0.3	ug/L	U	D	0.3			C	GEN
GS10	SL	6/6/2019	RFS01-13.1906019-007	7440-22-4	Silver	Y	0.3	ug/L	U	F	0.3			C	GEN
GS10	SL	6/6/2019	RFS01-13.1906019-005	7440-61-1	Uranium	N	6.8	ug/L		D	0.067			C	GEN
GS10	SL	6/6/2019	RFS01-13.1906019-007	7440-61-1	Uranium	N	6.95	ug/L		F	0.067			C	GEN
GS10	SL	6/10/2019	RFS01-13.1906020-001	14596-10-2	Americium-241	N	0.00552	pCi/L	U	F		0.00766		C	GEN
GS10	SL	6/10/2019	RFS01-13.1906020-001	7440-41-7	Beryllium	N	1	ug/L	U	F	1			C	GEN
GS10	SL	6/10/2019	RFS01-13.1906020-001	7440-43-9	Cadmium	Y	0.3	ug/L	U	F	0.3			C	GEN
GS10	SL	6/10/2019	RFS01-13.1906020-001	7440-47-3	Chromium	N	1	ug/L	U	F	1			C	GEN
GS10	SL	6/10/2019	RFS01-13.1906020-001	PU-239,240	Plutonium-239, 240	N	-0.00139	pCi/L	U	F		0.00471		C	GEN
GS10	SL	6/10/2019	RFS01-13.1906020-001	7440-22-4	Silver	Y	0.3	ug/L	U	F	0.3			C	GEN
GS10	SL	6/10/2019	RFS01-13.1906020-001	7440-61-1	Uranium	N	11.5	ug/L	E	F	0.067		J	C	GEN
GS10	SL	6/18/2019	RFS01-13.1906021-001	14596-10-2	Americium-241	N	-0.00433	pCi/L	U	F		0.0095		C	GEN
GS10	SL	6/18/2019	RFS01-13.1906021-001	7440-41-7	Beryllium	N	1	ug/L	U	F	1			C	GEN
GS10	SL	6/18/2019	RFS01-13.1906021-001	7440-43-9	Cadmium	Y	0.3	ug/L	U	F	0.3			C	GEN
GS10	SL	6/18/2019	RFS01-13.1906021-001	7440-47-3	Chromium	N	1.01	ug/L	B	F	1			C	GEN
GS10	SL	6/18/2019	RFS01-13.1906021-001	PU-239,240	Plutonium-239, 240	N	0.00657	pCi/L	U	F		0.0129		C	GEN
GS10	SL	6/18/2019	RFS01-13.1906021-001	7440-22-4	Silver	Y	0.3	ug/L	U	F	0.3			C	GEN
GS10	SL	6/18/2019	RFS01-13.1906021-001	7440-61-1	Uranium	N	8.68	ug/L	E	F	0.067		J	C	GEN
GS10	SL	6/25/2019	RFS01-13.1907023-001	14596-10-2	Americium-241	N	0.00303	pCi/L	U	F		0.023		C	GEN
GS10	SL	6/25/2019	RFS01-13.1907023-001	7440-41-7	Beryllium	N	1	ug/L	U	F	1			C	GEN
GS10	SL	6/25/2019	RFS01-13.1907023-001	7440-43-9	Cadmium	Y	0.3	ug/L	U	F	0.3			C	GEN
GS10	SL	6/25/2019	RFS01-13.1907023-001	7440-47-3	Chromium	N	1	ug/L	U	F	1			C	GEN
GS10	SL	6/25/2019	RFS01-13.1907023-001	PU-239,240	Plutonium-239, 240	N	-0.0126	pCi/L	U	F		0.0131		C	GEN
GS10	SL	6/25/2019	RFS01-13.1907023-001	7440-22-4	Silver	Y	0.3	ug/L	U	F	0.3			C	GEN
GS10	SL	6/25/2019	RFS01-13.1907023-001	7440-61-1	Uranium	N	4.72	ug/L		F	0.067			C	GEN
GS13	SL	4/8/2019	RFS01-04.1904020-007	7440-61-1	Uranium	N	7.68	ug/L		F	0.067			C	GEN
GS13	SL	4/15/2019	RFS01-04.1904019-007	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	4.7	mg/L	B	F	0.019			G	STD
GS13	SL	4/18/2019	RFS01-02.1905014-004	7440-61-1	Uranium	N	4.9	ug/L		F	0.05			C	STD
GS13	SL	5/1/2019	RFS01-06.1905018-005	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	3.2	mg/L	B	F	0.019			G	STD
GS13	SL	5/1/2019	RFS01-01.1905015-001	7440-61-1	Uranium	N	6.46	ug/L		F	0.067			C	GEN
GS13	SL	5/1/2019	RFS01-01.1905015-007	7440-61-1	Uranium	N	6.18	ug/L		D	0.067			C	GEN
GS13	SL	5/13/2019	RFS01-01.1905016-001	7440-61-1	Uranium	N	5.59	ug/L		F	0.067			C	GEN
GS13	SL	5/15/2019	RFS01-04.1905021-007	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	2.1	mg/L	B	F	0.019			G	STD
GS13	SL	5/24/2019	RFS01-01.1906017-001	7440-61-1	Uranium	N	3.75	ug/L		F	0.067			C	GEN
GS13	SL	5/29/2019	RFS01-01.1906018-001	7440-61-1	Uranium	N	5.23	ug/L		F	0.067			C	GEN
GS13	SL	5/30/2019	RFS01-06.1905019-005	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	3.4	mg/L	B	F	0.019			G	STD
GS13	SL	6/6/2019	RFS01-13.1906022-001	7440-61-1	Uranium	N	7.05	ug/L		F	0.067			C	GEN
GS13	SL	6/13/2019	RFS01-04.1906022-007	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	2.3	mg/L		F	0.019			G	STD
GS13	SL	6/25/2019	RFS01-01.1907019-001	7440-61-1	Uranium	N	3.72	ug/L		F	0.067			C	GEN
GS13	SL	6/26/2019	RFS01-06.1906020-005	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	3.7	mg/L		F	0.019			G	STD
GS59	SL	4/2/2019	RFS01-02.1904013-002	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16			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
GS59	SL	4/2/2019	RFS01-02.1904013-002	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21			G	STD
GS59	SL	4/2/2019	RFS01-02.1904013-002	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27			G	STD
GS59	SL	4/2/2019	RFS01-02.1904013-002	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23			G	STD
GS59	SL	4/2/2019	RFS01-02.1904013-002	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21			G	STD
GS59	SL	4/2/2019	RFS01-02.1904013-002	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15			G	STD
GS59	SL	4/2/2019	RFS01-02.1904013-002	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13			G	STD
GS59	SL	4/2/2019	RFS01-02.1904013-002	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18			G	STD
GS59	SL	4/2/2019	RFS01-02.1904013-002	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13			G	STD
GS59	SL	4/2/2019	RFS01-02.1904013-002	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16			G	STD
GS59	SL	4/2/2019	RFS01-02.1904013-002	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16			G	STD
GS59	SL	4/2/2019	RFS01-02.1904013-002	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46			G	STD
GS59	SL	4/2/2019	RFS01-02.1904013-002	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19			G	STD
GS59	SL	4/2/2019	RFS01-02.1904013-002	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17			G	STD
GS59	SL	4/2/2019	RFS01-02.1904013-002	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16			G	STD
GS59	SL	4/2/2019	RFS01-02.1904013-002	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3			G	STD
GS59	SL	4/2/2019	RFS01-02.1904013-002	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15			G	STD
GS59	SL	4/2/2019	RFS01-02.1904013-002	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16			G	STD
GS59	SL	4/2/2019	RFS01-02.1904013-002	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36			G	STD
GS59	SL	4/2/2019	RFS01-02.1904013-002	7439-97-6	Mercury	N	0.027	ug/L	U	F	0.027			G	STD
GS59	SL	4/2/2019	RFS01-02.1904013-002	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94			G	STD
GS59	SL	4/2/2019	RFS01-02.1904013-002	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22			G	STD
GS59	SL	4/2/2019	RFS01-02.1904013-002	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36			G	STD
GS59	SL	4/2/2019	RFS01-02.1904013-002	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2			G	STD
GS59	SL	4/2/2019	RFS01-02.1904013-002	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17			G	STD
GS59	SL	4/2/2019	RFS01-02.1904013-002	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19			G	STD
GS59	SL	4/2/2019	RFS01-02.1904013-002	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15			G	STD
GS59	SL	4/2/2019	RFS01-02.1904013-002	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16			G	STD
GS59	SL	4/2/2019	RFS01-02.1904013-002	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1			G	STD
GS59	SL	5/3/2019	RFS01-01.1905015-005	7440-38-2	Arsenic	N	2.57	ug/L	B	F	2			C	GEN
GS59	SL	5/3/2019	RFS01-01.1905015-005	7440-41-7	Beryllium	N	0.2	ug/L	U	F	0.2			C	GEN
GS59	SL	5/3/2019	RFS01-01.1905015-005	7440-42-8	Boron	N	19.4	ug/L		F	5.2			C	GEN
GS59	SL	5/3/2019	RFS01-01.1905015-004	7440-43-9	Cadmium	Y	0.3	ug/L	U	F	0.3			C	GEN
GS59	SL	5/3/2019	RFS01-01.1905015-005	7440-47-3	Chromium	N	3	ug/L	U	F	3			C	GEN
GS59	SL	5/3/2019	RFS01-01.1905015-004	7440-50-8	Copper	Y	2.06	ug/L	B	F	0.3			C	GEN
GS59	SL	5/3/2019	RFS01-01.1905015-004	7439-92-1	Lead	Y	0.5	ug/L	U	F	0.5			C	GEN
GS59	SL	5/3/2019	RFS01-01.1905015-004	7440-02-0	Nickel	Y	0.948	ug/L	B	F	0.6			C	GEN
GS59	SL	5/3/2019	RFS01-01.1905015-005	7782-49-2	Selenium	N	2	ug/L	U	F	2			C	GEN
GS59	SL	5/3/2019	RFS01-01.1905015-004	7440-22-4	Silver	Y	0.3	ug/L	U	F	0.3			C	GEN
GS59	SL	5/3/2019	RFS01-01.1905015-005	7440-61-1	Uranium	N	1.31	ug/L	B	F	0.067			C	GEN
GS59	SL	5/3/2019	RFS01-01.1905015-004	7440-66-6	Zinc	Y	3.3	ug/L	U	F	3.3			C	GEN
GS59	SL	5/13/2019	RFS01-01.1905016-005	7440-38-2	Arsenic	N	2.13	ug/L	B	F	2			C	GEN
GS59	SL	5/13/2019	RFS01-01.1905016-005	7440-41-7	Beryllium	N	0.2	ug/L	U	F	0.2			C	GEN
GS59	SL	5/13/2019	RFS01-01.1905016-005	7440-42-8	Boron	N	18.6	ug/L		F	5.2			C	GEN
GS59	SL	5/13/2019	RFS01-01.1905016-004	7440-43-9	Cadmium	Y	0.3	ug/L	U	F	0.3			C	GEN
GS59	SL	5/13/2019	RFS01-01.1905016-005	7440-47-3	Chromium	N	3	ug/L	U	F	3			C	GEN
GS59	SL	5/13/2019	RFS01-01.1905016-004	7440-50-8	Copper	Y	1.43	ug/L	B	F	0.3			C	GEN
GS59	SL	5/13/2019	RFS01-01.1905016-004	7439-92-1	Lead	Y	0.5	ug/L	U	F	0.5			C	GEN
GS59	SL	5/13/2019	RFS01-01.1905016-004	7440-02-0	Nickel	Y	0.936	ug/L	B	F	0.6			C	GEN
GS59	SL	5/13/2019	RFS01-01.1905016-005	7782-49-2	Selenium	N	2	ug/L	U	F	2			C	GEN
GS59	SL	5/13/2019	RFS01-01.1905016-004	7440-22-4	Silver	Y	0.3	ug/L	U	F	0.3			C	GEN
GS59	SL	5/13/2019	RFS01-01.1905016-005	7440-61-1	Uranium	N	1.16	ug/L	B	F	0.067			C	GEN
GS59	SL	5/13/2019	RFS01-01.1905016-004	7440-66-6	Zinc	Y	6.25	ug/L	B	F	3.3		U	C	GEN
GS59	SL	5/24/2019	RFS01-01.1906018-005	7440-38-2	Arsenic	N	3.66	ug/L	B	F	2		U	C	GEN
GS59	SL	5/24/2019	RFS01-01.1906018-005	7440-41-7	Beryllium	N	0.2	ug/L	U	F	0.2			C	GEN
GS59	SL	5/24/2019	RFS01-01.1906018-005	7440-42-8	Boron	N	22	ug/L		F	5.2			C	GEN
GS59	SL	5/24/2019	RFS01-01.1906018-004	7440-43-9	Cadmium	Y	0.3	ug/L	U	F	0.3			C	GEN
GS59	SL	5/24/2019	RFS01-01.1906018-005	7440-47-3	Chromium	N	3	ug/L	U	F	3			C	GEN
GS59	SL	5/24/2019	RFS01-01.1906018-004	7440-50-8	Copper	Y	1.59	ug/L	B	F	0.3			C	GEN
GS59	SL	5/24/2019	RFS01-01.1906018-004	7439-92-1	Lead	Y	0.5	ug/L	U	F	0.5			C	GEN
GS59	SL	5/24/2019	RFS01-01.1906018-004	7440-02-0	Nickel	Y	1.2	ug/L	B	F	0.6			C	GEN
GS59	SL	5/24/2019	RFS01-01.1906018-005	7782-49-2	Selenium	N	2	ug/L	U	F	2			C	GEN
GS59	SL	5/24/2019	RFS01-01.1906018-004	7440-22-4	Silver	Y	0.3	ug/L	U	F	0.3			C	GEN
GS59	SL	5/24/2019	RFS01-01.1906018-005	7440-61-1	Uranium	N	1.25	ug/L	B	F	0.067			C	GEN
GS59	SL	5/24/2019	RFS01-01.1906018-004	7440-66-6	Zinc	Y	9.03	ug/L	B	F	3.3		U	C	GEN
GS59	SL	6/6/2019	RFS01-01.1907019-005	7440-38-2	Arsenic	N	2.32	ug/L	B	F	2			C	GEN
GS59	SL	6/6/2019	RFS01-01.1907019-005	7440-41-7	Beryllium	N	0.2	ug/L	U	F	0.2			C	GEN
GS59	SL	6/6/2019	RFS01-01.1907019-005	7440-42-8	Boron	N	31.1	ug/L		F	5.2			C	GEN
GS59	SL	6/6/2019	RFS01-01.1907019-004	7440-43-9	Cadmium	Y	0.3	ug/L	U	F	0.3			C	GEN
GS59	SL	6/6/2019	RFS01-01.1907019-005	7440-47-3	Chromium	N	3	ug/L	U	F	3			C	GEN
GS59	SL	6/6/2019	RFS01-01.1907019-004	7440-50-8	Copper	Y	2.73	ug/L	B	F	0.3			C	GEN
GS59	SL	6/6/2019	RFS01-01.1907019-004	7439-92-1	Lead	Y	1.22	ug/L	B	F	0.5			C	GEN
GS59	SL	6/6/2019	RFS01-01.1907019-004	7440-02-0	Nickel	Y	2.37	ug/L	B	F	0.6			C	GEN
GS59	SL	6/6/2019	RFS01-01.1907019-005	7782-49-2	Selenium	N	2	ug/L	U	F	2			C	GEN

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GS59	SL	6/6/2019	RFS01-01.1907019-004	7440-22-4	Silver	Y	0.3	ug/L	U	F	0.3			C	GEN
GS59	SL	6/6/2019	RFS01-01.1907019-005	7440-61-1	Uranium	N	1.63	ug/L	B	F	0.067			C	GEN
GS59	SL	6/6/2019	RFS01-01.1907019-004	7440-66-6	Zinc	Y	16.5	ug/L	B	F	3.3		U	C	GEN
MOUND R1-0	TS	5/3/2019	RFS01-10.1905013-012	71-55-6	1,1,1-Trichloroethane	N	160	ug/L		F	8			G	STD
MOUND R1-0	TS	5/3/2019	RFS01-10.1905013-012	79-34-5	1,1,2,2-Tetrachloroethane	N	11	ug/L	U	F	11			G	STD
MOUND R1-0	TS	5/3/2019	RFS01-10.1905013-012	79-00-5	1,1,2-Trichloroethane	N	14	ug/L	U	F	14			G	STD
MOUND R1-0	TS	5/3/2019	RFS01-10.1905013-012	75-35-4	1,1-Dichloroethene	N	27	ug/L	J	F	12			G	STD
MOUND R1-0	TS	5/3/2019	RFS01-10.1905013-012	120-82-1	1,2,4-Trichlorobenzene	N	11	ug/L	U	F	11			G	STD
MOUND R1-0	TS	5/3/2019	RFS01-10.1905013-012	95-50-1	1,2-Dichlorobenzene	N	7.5	ug/L	U	F	7.5			G	STD
MOUND R1-0	TS	5/3/2019	RFS01-10.1905013-012	107-06-2	1,2-Dichloroethane	N	6.5	ug/L	U	F	6.5			G	STD
MOUND R1-0	TS	5/3/2019	RFS01-10.1905013-012	78-87-5	1,2-Dichloropropane	N	9	ug/L	U	F	9			G	STD
MOUND R1-0	TS	5/3/2019	RFS01-10.1905013-012	541-73-1	1,3-Dichlorobenzene	N	6.5	ug/L	U	F	6.5			G	STD
MOUND R1-0	TS	5/3/2019	RFS01-10.1905013-012	106-46-7	1,4-Dichlorobenzene	N	8	ug/L	U	F	8			G	STD
MOUND R1-0	TS	5/3/2019	RFS01-10.1905013-012	71-43-2	Benzene	N	8	ug/L	U	F	8			G	STD
MOUND R1-0	TS	5/3/2019	RFS01-10.1905013-012	75-25-2	Bromoform	N	23	ug/L	U	F	23			G	STD
MOUND R1-0	TS	5/3/2019	RFS01-10.1905013-012	56-23-5	Carbon tetrachloride	N	71	ug/L		F	9.5			G	STD
MOUND R1-0	TS	5/3/2019	RFS01-10.1905013-012	108-90-7	Chlorobenzene	N	8.5	ug/L	U	F	8.5			G	STD
MOUND R1-0	TS	5/3/2019	RFS01-10.1905013-012	67-66-3	Chloroform	N	29	ug/L	J	F	8			G	STD
MOUND R1-0	TS	5/3/2019	RFS01-10.1905013-012	74-87-3	Chloromethane	N	15	ug/L	U	F	15			G	STD
MOUND R1-0	TS	5/3/2019	RFS01-10.1905013-012	156-59-2	cis-1,2-Dichloroethene	N	600	ug/L		F	7.5			G	STD
MOUND R1-0	TS	5/3/2019	RFS01-10.1905013-012	100-41-4	Ethylbenzene	N	8	ug/L	U	F	8			G	STD
MOUND R1-0	TS	5/3/2019	RFS01-10.1905013-012	87-68-3	Hexachlorobutadiene	N	18	ug/L	U	F	18			G	STD
MOUND R1-0	TS	5/3/2019	RFS01-10.1905013-012	75-09-2	Methylene chloride	N	47	ug/L	U	F	47			G	STD
MOUND R1-0	TS	5/3/2019	RFS01-10.1905013-012	91-20-3	Naphthalene	N	11	ug/L	U	F	11			G	STD
MOUND R1-0	TS	5/3/2019	RFS01-10.1905013-012	100-42-5	Styrene	N	18	ug/L	U	F	18			G	STD
MOUND R1-0	TS	5/3/2019	RFS01-10.1905013-012	127-18-4	Tetrachloroethene	N	990	ug/L		F	10			G	STD
MOUND R1-0	TS	5/3/2019	RFS01-10.1905013-012	108-88-3	Toluene	N	8.5	ug/L	U	F	8.5			G	STD
MOUND R1-0	TS	5/3/2019	RFS01-10.1905013-012	1330-20-7	Total Xylenes	N	9.5	ug/L	U	F	9.5			G	STD
MOUND R1-0	TS	5/3/2019	RFS01-10.1905013-012	156-60-5	trans-1,2-Dichloroethene	N	7.5	ug/L	U	F	7.5			G	STD
MOUND R1-0	TS	5/3/2019	RFS01-10.1905013-012	79-01-6	Trichloroethene	N	2000	ug/L		F	8			G	STD
MOUND R1-0	TS	5/3/2019	RFS01-10.1905013-012	75-01-4	Vinyl chloride	N	29	ug/L	J	F	5			G	STD
MSETEF	TS	5/2/2019	RFS01-10.1905013-013	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16			G	STD
MSETEF	TS	5/2/2019	RFS01-10.1905013-013	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21			G	STD
MSETEF	TS	5/2/2019	RFS01-10.1905013-013	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27			G	STD
MSETEF	TS	5/2/2019	RFS01-10.1905013-013	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23			G	STD
MSETEF	TS	5/2/2019	RFS01-10.1905013-013	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21			G	STD
MSETEF	TS	5/2/2019	RFS01-10.1905013-013	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15			G	STD
MSETEF	TS	5/2/2019	RFS01-10.1905013-013	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13			G	STD
MSETEF	TS	5/2/2019	RFS01-10.1905013-013	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18			G	STD
MSETEF	TS	5/2/2019	RFS01-10.1905013-013	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13			G	STD
MSETEF	TS	5/2/2019	RFS01-10.1905013-013	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16			G	STD
MSETEF	TS	5/2/2019	RFS01-10.1905013-013	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16			G	STD
MSETEF	TS	5/2/2019	RFS01-10.1905013-013	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46			G	STD
MSETEF	TS	5/2/2019	RFS01-10.1905013-013	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19			G	STD
MSETEF	TS	5/2/2019	RFS01-10.1905013-013	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17			G	STD
MSETEF	TS	5/2/2019	RFS01-10.1905013-013	67-66-3	Chloroform	N	0.17	ug/L	J	F	0.16			G	STD
MSETEF	TS	5/2/2019	RFS01-10.1905013-013	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3			G	STD
MSETEF	TS	5/2/2019	RFS01-10.1905013-013	156-59-2	cis-1,2-Dichloroethene	N	0.19	ug/L	J	F	0.15			G	STD
MSETEF	TS	5/2/2019	RFS01-10.1905013-013	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16			G	STD
MSETEF	TS	5/2/2019	RFS01-10.1905013-013	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36			G	STD
MSETEF	TS	5/2/2019	RFS01-10.1905013-013	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94			G	STD
MSETEF	TS	5/2/2019	RFS01-10.1905013-013	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22			G	STD
MSETEF	TS	5/2/2019	RFS01-10.1905013-013	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36			G	STD
MSETEF	TS	5/2/2019	RFS01-10.1905013-013	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2			G	STD
MSETEF	TS	5/2/2019	RFS01-10.1905013-013	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17			G	STD
MSETEF	TS	5/2/2019	RFS01-10.1905013-013	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19			G	STD
MSETEF	TS	5/2/2019	RFS01-10.1905013-013	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15			G	STD
MSETEF	TS	5/2/2019	RFS01-10.1905013-013	79-01-6	Trichloroethene	N	0.95	ug/L	J	F	0.16			G	STD
MSETEF	TS	5/2/2019	RFS01-10.1905013-013	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1			G	STD
MSETINF	TS	5/2/2019	RFS01-10.1905013-014	71-55-6	1,1,1-Trichloroethane	N	95	ug/L		F	8			G	STD
MSETINF	TS	5/2/2019	RFS01-10.1905013-014	79-34-5	1,1,2,2-Tetrachloroethane	N	11	ug/L	U	F	11			G	STD
MSETINF	TS	5/2/2019	RFS01-10.1905013-014	79-00-5	1,1,2-Trichloroethane	N	14	ug/L	U	F	14			G	STD
MSETINF	TS	5/2/2019	RFS01-10.1905013-014	75-35-4	1,1-Dichloroethene	N	13	ug/L	J	F	12			G	STD
MSETINF	TS	5/2/2019	RFS01-10.1905013-014	120-82-1	1,2,4-Trichlorobenzene	N	11	ug/L	U	F	11			G	STD
MSETINF	TS	5/2/2019	RFS01-10.1905013-014	95-50-1	1,2-Dichlorobenzene	N	7.5	ug/L	U	F	7.5			G	STD
MSETINF	TS	5/2/2019	RFS01-10.1905013-014	107-06-2	1,2-Dichloroethane	N	6.5	ug/L	U	F	6.5			G	STD
MSETINF	TS	5/2/2019	RFS01-10.1905013-014	78-87-5	1,2-Dichloropropane	N	9	ug/L	U	F	9			G	STD
MSETINF	TS	5/2/2019	RFS01-10.1905013-014	541-73-1	1,3-Dichlorobenzene	N	6.5	ug/L	U	F	6.5			G	STD
MSETINF	TS	5/2/2019	RFS01-10.1905013-014	106-46-7	1,4-Dichlorobenzene	N	8	ug/L	U	F	8			G	STD
MSETINF	TS	5/2/2019	RFS01-10.1905013-014	71-43-2	Benzene	N	8	ug/L	U	F	8			G	STD
MSETINF	TS	5/2/2019	RFS01-10.1905013-014	75-25-2	Bromoform	N	23	ug/L	U	F	23			G	STD
MSETINF	TS	5/2/2019	RFS01-10.1905013-014	56-23-5	Carbon tetrachloride	N	76	ug/L		F	9.5			G	STD
MSETINF	TS	5/2/2019	RFS01-10.1905013-014	108-90-7	Chlorobenzene	N	8.5	ug/L	U	F	8.5			G	STD

Appendix B
Analytical Results for Water Samples—Second Quarter CY 2019
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
MSETINF	TS	5/2/2019	RFS01-10.1905013-014	67-66-3	Chloroform	N	53	ug/L		F	8			G	STD
MSETINF	TS	5/2/2019	RFS01-10.1905013-014	74-87-3	Chloromethane	N	15	ug/L	U	F	15			G	STD
MSETINF	TS	5/2/2019	RFS01-10.1905013-014	156-59-2	cis-1,2-Dichloroethene	N	260	ug/L		F	7.5			G	STD
MSETINF	TS	5/2/2019	RFS01-10.1905013-014	100-41-4	Ethylbenzene	N	8	ug/L	U	F	8			G	STD
MSETINF	TS	5/2/2019	RFS01-10.1905013-014	87-68-3	Hexachlorobutadiene	N	18	ug/L	U	F	18			G	STD
MSETINF	TS	5/2/2019	RFS01-10.1905013-014	75-09-2	Methylene chloride	N	47	ug/L	U	F	47			G	STD
MSETINF	TS	5/2/2019	RFS01-10.1905013-014	91-20-3	Naphthalene	N	11	ug/L	U	F	11			G	STD
MSETINF	TS	5/2/2019	RFS01-10.1905013-014	100-42-5	Styrene	N	18	ug/L	U	F	18			G	STD
MSETINF	TS	5/2/2019	RFS01-10.1905013-014	127-18-4	Tetrachloroethene	N	680	ug/L		F	10			G	STD
MSETINF	TS	5/2/2019	RFS01-10.1905013-014	108-88-3	Toluene	N	8.5	ug/L	U	F	8.5			G	STD
MSETINF	TS	5/2/2019	RFS01-10.1905013-014	1330-20-7	Total Xylenes	N	9.5	ug/L	U	F	9.5			G	STD
MSETINF	TS	5/2/2019	RFS01-10.1905013-014	156-60-5	trans-1,2-Dichloroethene	N	7.5	ug/L	U	F	7.5			G	STD
MSETINF	TS	5/2/2019	RFS01-10.1905013-014	79-01-6	Trichloroethene	N	1700	ug/L		F	8			G	STD
MSETINF	TS	5/2/2019	RFS01-10.1905013-014	75-01-4	Vinyl chloride	N	5	ug/L	U	F	5			G	STD
P210089	WL	5/15/2019	RFS01-10.1905015-012	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
P210089	WL	5/15/2019	RFS01-10.1905015-012	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
P210089	WL	5/15/2019	RFS01-10.1905015-012	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
P210089	WL	5/15/2019	RFS01-10.1905015-012	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
P210089	WL	5/15/2019	RFS01-10.1905015-012	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
P210089	WL	5/15/2019	RFS01-10.1905015-012	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
P210089	WL	5/15/2019	RFS01-10.1905015-012	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
P210089	WL	5/15/2019	RFS01-10.1905015-012	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
P210089	WL	5/15/2019	RFS01-10.1905015-012	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
P210089	WL	5/15/2019	RFS01-10.1905015-012	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
P210089	WL	5/15/2019	RFS01-10.1905015-012	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
P210089	WL	5/15/2019	RFS01-10.1905015-012	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
P210089	WL	5/15/2019	RFS01-10.1905015-012	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
P210089	WL	5/15/2019	RFS01-10.1905015-012	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
P210089	WL	5/15/2019	RFS01-10.1905015-012	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
P210089	WL	5/15/2019	RFS01-10.1905015-012	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
P210089	WL	5/15/2019	RFS01-10.1905015-012	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
P210089	WL	5/15/2019	RFS01-10.1905015-012	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
P210089	WL	5/15/2019	RFS01-10.1905015-012	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
P210089	WL	5/15/2019	RFS01-10.1905015-012	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
P210089	WL	5/15/2019	RFS01-10.1905015-012	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
P210089	WL	5/15/2019	RFS01-10.1905015-012	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	250	mg/L	B	F	1.9		FQ	G	STD
P210089	WL	5/15/2019	RFS01-10.1905015-012	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
P210089	WL	5/15/2019	RFS01-10.1905015-012	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
P210089	WL	5/15/2019	RFS01-10.1905015-012	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
P210089	WL	5/15/2019	RFS01-10.1905015-012	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
P210089	WL	5/15/2019	RFS01-10.1905015-012	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
P210089	WL	5/15/2019	RFS01-10.1905015-012	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
P210089	WL	5/15/2019	RFS01-10.1905015-012	7440-61-1	Uranium	Y	26	ug/L		F	0.05		FQ	G	STD
P210089	WL	5/15/2019	RFS01-10.1905015-012	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-013	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U H	F	0.16		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-013	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U H	F	0.21		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-013	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U H	F	0.27		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-013	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U H	F	0.23		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-013	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U H	F	0.21		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-013	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U H	F	0.15		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-013	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U H	F	0.13		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-013	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U H	F	0.18		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-013	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U H	F	0.13		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-013	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U H	F	0.16		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-013	91-58-7	2-Chloronaphthalene	N	0.35	ug/L	U	F	0.35		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-014	83-32-9	Acenaphthene	N	0.011	ug/L	U	F	0.011		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-014	120-12-7	Anthracene	N	0.015	ug/L	U	F	0.015		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-013	71-43-2	Benzene	N	0.16	ug/L	U H	F	0.16		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-014	50-32-8	Benzo(a)pyrene	N	0.0055	ug/L	U	F	0.0055		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-014	191-24-2	Benzo(g,h,i)Perylene	N	0.0087	ug/L	U	F	0.0087		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-013	108-60-1	Bis(2-chloroisopropyl) ether	N	0.37	ug/L	U	F	0.37		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-013	117-81-7	Bis(2-ethylhexyl) phthalate	N	0.74	ug/L	U	F	0.74		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-013	75-25-2	Bromoform	N	0.46	ug/L	U H	F	0.46		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-013	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U H	F	0.19		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-013	108-90-7	Chlorobenzene	N	0.17	ug/L	U H	F	0.17		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-013	67-66-3	Chloroform	N	0.16	ug/L	U H	F	0.16		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-013	74-87-3	Chloromethane	N	0.3	ug/L	U H	F	0.3		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-014	218-01-9	Chrysene	N	0.013	ug/L	U	F	0.013		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-013	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U H	F	0.15		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-014	53-70-3	Dibenz(a,h)anthracene	N	0.0051	ug/L	U	F	0.0051		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-013	84-66-2	Diethyl phthalate	N	0.5	ug/L	U	F	0.5		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-013	131-11-3	Dimethyl phthalate	N	0.28	ug/L	U	F	0.28		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-013	84-74-2	Di-n-butyl phthalate	N	1.5	ug/L	U	F	1.5		FQ	G	STD

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LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
P416589	WL	4/15/2019	RFS01-10.1904011-013	100-41-4	Ethylbenzene	N	0.16	ug/L	U H	F	0.16		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-014	206-44-0	Fluoranthene	N	0.037	ug/L	U	F	0.037		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-014	86-73-7	Fluorene	N	0.02	ug/L	U	F	0.02		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-013	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U H	F	0.36		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-013	67-72-1	Hexachloroethane	N	1.3	ug/L	U	F	1.3		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-013	78-59-1	Isophorone	N	0.28	ug/L	U	F	0.28		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-013	75-09-2	Methylene chloride	N	0.94	ug/L	U H	F	0.94		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-014	91-20-3	Naphthalene	N	0.0057	ug/L	U	F	0.0057		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-014	129-00-0	Pyrene	N	0.0086	ug/L	U	F	0.0086		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-013	100-42-5	Styrene	N	0.36	ug/L	U H	F	0.36		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-013	127-18-4	Tetrachloroethene	N	0.2	ug/L	U H	F	0.2		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-013	108-88-3	Toluene	N	0.17	ug/L	U H	F	0.17		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-013	1330-20-7	Total Xylenes	N	0.19	ug/L	U H	F	0.19		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-013	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U H	F	0.15		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-013	79-01-6	Trichloroethene	N	0.16	ug/L	U H	F	0.16		FQ	G	STD
P416589	WL	4/15/2019	RFS01-10.1904011-013	75-01-4	Vinyl chloride	N	0.1	ug/L	U H	F	0.1		FQ	G	STD
P416589	WL	4/17/2019	RFS01-10.1904011-022	7440-38-2	Arsenic	Y	0.33	ug/L	U	F	0.33		FQ	G	STD
P416589	WL	4/17/2019	RFS01-10.1904011-022	7440-41-7	Beryllium	Y	0.08	ug/L	U	F	0.08		FQ	G	STD
P416589	WL	4/17/2019	RFS01-10.1904011-022	7440-42-8	Boron	Y	8.4	ug/L	J	F	4.4		FQ	G	STD
P416589	WL	4/17/2019	RFS01-10.1904011-022	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27		FQ	G	STD
P416589	WL	4/17/2019	RFS01-10.1904011-022	7440-47-3	Chromium	Y	0.52	ug/L	J	F	0.5		FQ	G	STD
P416589	WL	4/17/2019	RFS01-10.1904011-022	7440-50-8	Copper	Y	0.83	ug/L	J B	F	0.56		FQU	G	STD
P416589	WL	4/17/2019	RFS01-10.1904011-022	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18		FQ	G	STD
P416589	WL	4/17/2019	RFS01-10.1904011-022	7439-97-6	Mercury	Y	0.027	ug/L	U	F	0.027		FQ	G	STD
P416589	WL	4/17/2019	RFS01-10.1904011-022	7440-02-0	Nickel	Y	8.5	ug/L		F	0.3		FQ	G	STD
P416589	WL	4/17/2019	RFS01-10.1904011-022	7782-49-2	Selenium	Y	0.37	ug/L	U	F	0.37		FJQ	G	STD
P416589	WL	4/17/2019	RFS01-10.1904011-022	7440-22-4	Silver	Y	0.27	ug/L	J	F	0.033		FQ	G	STD
P416589	WL	4/17/2019	RFS01-10.1904011-022	7440-61-1	Uranium	Y	1.7	ug/L		F	0.05		FQ	G	STD
P416589	WL	4/17/2019	RFS01-10.1904011-022	7440-66-6	Zinc	Y	2	ug/L	U	F	2		FQ	G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-003	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-003	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-003	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-003	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-003	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-003	95-50-1	1,2-Dichlorobenzene	N	0.28	ug/L	J	F	0.15			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-003	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-003	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-003	541-73-1	1,3-Dichlorobenzene	N	0.3	ug/L	J	F	0.13			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-003	106-46-7	1,4-Dichlorobenzene	N	0.41	ug/L	J	F	0.16			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-004	7440-38-2	Arsenic	N	6	ug/L		F	0.33			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-003	71-43-2	Benzene	N	2.3	ug/L		F	0.16			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-004	7440-41-7	Beryllium	N	0.17	ug/L	J	F	0.08		U	G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-004	7440-42-8	Boron	N	1500	ug/L	B	F	4.4			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-003	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-003	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-003	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-003	108-90-7	Chlorobenzene	N	0.77	ug/L	J	F	0.17			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-003	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-003	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-004	7440-47-3	Chromium	N	1.1	ug/L	J	F	0.5			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-003	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-003	7440-50-8	Copper	Y	0.56	ug/L	U	F	0.56			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-003	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-003	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-003	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-004	7439-97-6	Mercury	N	0.027	ug/L	U	F	0.027			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-003	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-003	91-20-3	Naphthalene	N	27	ug/L		F	0.22			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-003	7440-02-0	Nickel	Y	7	ug/L		F	0.3			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-004	7782-49-2	Selenium	N	0.37	ug/L	U	F	0.37			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-003	7440-22-4	Silver	Y	0.033	ug/L	U	F	0.033			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-003	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-003	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-003	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-003	1330-20-7	Total Xylenes	N	1.4	ug/L	J	F	0.19			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-003	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-003	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-004	7440-61-1	Uranium	N	0.29	ug/L		F	0.05		U	G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-003	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1			G	STD
PLFSEEPINF	TS	4/2/2019	RFS01-02.1904013-003	7440-66-6	Zinc	Y	95	ug/L		F	2			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27			G	STD

Appendix B
Analytical Results for Water Samples—Second Quarter CY 2019
RFLMA Data

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	91-58-7	2-Chloronaphthalene	N	0.25	ug/L	U	F	0.25			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-007	83-32-9	Acenaphthene	N	1.4	ug/L		F	0.01			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-007	120-12-7	Anthracene	N	0.32	ug/L		F	0.014			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-006	7440-38-2	Arsenic	N	8.2	ug/L		F	0.33			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	71-43-2	Benzene	N	0.56	ug/L	J	F	0.16			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-007	50-32-8	Benzo(a)pyrene	N	0.0049	ug/L	U	F	0.0049			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-007	191-24-2	Benzo(g,h,i)Perylene	N	0.0078	ug/L	U	F	0.0078			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-006	7440-41-7	Beryllium	N	0.11	ug/L	J	F	0.08		U	G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	108-60-1	Bis(2-chloroisopropyl) ether	N	0.27	ug/L	U	F	0.27			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	117-81-7	Bis(2-ethylhexyl) phthalate	N	0.54	ug/L	U	F	0.54			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-006	7440-42-8	Boron	N	930	ug/L	B	F	4.4			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	7440-43-9	Cadmium	Y	0.27	ug/L	U	F	0.27			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	108-90-7	Chlorobenzene	N	0.19	ug/L	J	F	0.17			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-006	7440-47-3	Chromium	N	0.77	ug/L	J	F	0.5			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-007	218-01-9	Chrysene	N	0.012	ug/L	U	F	0.012			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	7440-50-8	Copper	Y	0.56	ug/L	U	F	0.56			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-007	53-70-3	Dibenz(a,h)anthracene	N	0.0046	ug/L	U	F	0.0046			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	84-66-2	Diethyl phthalate	N	0.36	ug/L	U	F	0.36			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	131-11-3	Dimethyl phthalate	N	0.2	ug/L	U	F	0.2			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	84-74-2	Di-n-butyl phthalate	N	1.1	ug/L	U	F	1.1			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-007	206-44-0	Fluoranthene	N	0.28	ug/L		F	0.033			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-007	86-73-7	Fluorene	N	1.1	ug/L		F	0.018			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	67-72-1	Hexachloroethane	N	0.94	ug/L	U	F	0.94			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	78-59-1	Isophorone	N	0.2	ug/L	U	F	0.2			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	7439-92-1	Lead	Y	0.18	ug/L	U	F	0.18			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-006	7439-97-6	Mercury	N	0.027	ug/L	U	F	0.027			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-007	91-20-3	Naphthalene	N	2.7	ug/L		F	0.0051			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	7440-02-0	Nickel	Y	5.7	ug/L		F	0.3			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-007	129-00-0	Pyrene	N	0.19	ug/L		F	0.0077			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-006	7782-49-2	Selenium	N	0.37	ug/L	U	F	0.37			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	7440-22-4	Silver	Y	0.033	ug/L	U	F	0.033			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	1330-20-7	Total Xylenes	N	1.2	ug/L	J	F	0.19			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-006	7440-61-1	Uranium	N	1.3	ug/L		F	0.05			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	75-01-4	Vinyl chloride	N	0.15	ug/L	J	F	0.1			G	STD
PLFSYSEFF	TS	4/2/2019	RFS01-02.1904013-005	7440-66-6	Zinc	Y	52	ug/L		F	2			G	STD
POM2	SL	5/2/2019	RFS01-10.1905013-015	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16			G	STD
POM2	SL	5/2/2019	RFS01-10.1905013-015	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21			G	STD
POM2	SL	5/2/2019	RFS01-10.1905013-015	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27			G	STD
POM2	SL	5/2/2019	RFS01-10.1905013-015	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23			G	STD
POM2	SL	5/2/2019	RFS01-10.1905013-015	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21			G	STD
POM2	SL	5/2/2019	RFS01-10.1905013-015	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15			G	STD
POM2	SL	5/2/2019	RFS01-10.1905013-015	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13			G	STD
POM2	SL	5/2/2019	RFS01-10.1905013-015	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18			G	STD
POM2	SL	5/2/2019	RFS01-10.1905013-015	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13			G	STD
POM2	SL	5/2/2019	RFS01-10.1905013-015	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16			G	STD
POM2	SL	5/2/2019	RFS01-10.1905013-015	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16			G	STD
POM2	SL	5/2/2019	RFS01-10.1905013-015	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46			G	STD
POM2	SL	5/2/2019	RFS01-10.1905013-015	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19			G	STD
POM2	SL	5/2/2019	RFS01-10.1905013-015	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17			G	STD
POM2	SL	5/2/2019	RFS01-10.1905013-015	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16			G	STD
POM2	SL	5/2/2019	RFS01-10.1905013-015	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3			G	STD
POM2	SL	5/2/2019	RFS01-10.1905013-015	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15			G	STD
POM2	SL	5/2/2019	RFS01-10.1905013-015	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16			G	STD

Appendix B
Analytical Results for Water Samples—Second Quarter CY 2019
RFLMA Data

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
POM2	SL	5/2/2019	RFS01-10.1905013-015	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36			G	STD
POM2	SL	5/2/2019	RFS01-10.1905013-015	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94			G	STD
POM2	SL	5/2/2019	RFS01-10.1905013-015	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22			G	STD
POM2	SL	5/2/2019	RFS01-10.1905013-015	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36			G	STD
POM2	SL	5/2/2019	RFS01-10.1905013-015	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2			G	STD
POM2	SL	5/2/2019	RFS01-10.1905013-015	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17			G	STD
POM2	SL	5/2/2019	RFS01-10.1905013-015	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19			G	STD
POM2	SL	5/2/2019	RFS01-10.1905013-015	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15			G	STD
POM2	SL	5/2/2019	RFS01-10.1905013-015	79-01-6	Trichloroethene	N	0.21	ug/L	J	F	0.16			G	STD
POM2	SL	5/2/2019	RFS01-10.1905013-015	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1			G	STD
SPIN	TS	4/15/2019	RFS01-04.1904019-005	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	580	mg/L	B	F	1.9			G	STD
SPIN	TS	4/15/2019	RFS01-04.1904019-005	7440-61-1	Uranium	N	79	ug/L		F	0.05			G	STD
SPIN	TS	5/1/2019	RFS01-06.1905018-006	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	590	mg/L		F	1.9			G	STD
SPIN	TS	5/1/2019	RFS01-06.1905018-006	7440-61-1	Uranium	N	77	ug/L		F	0.05			G	STD
SPIN	TS	5/15/2019	RFS01-04.1905021-005	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	630	mg/L	B	F	1.9			G	STD
SPIN	TS	5/15/2019	RFS01-04.1905021-005	7440-61-1	Uranium	N	80	ug/L		F	0.05			G	STD
SPIN	TS	5/30/2019	RFS01-06.1905019-006	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	370	mg/L	B	F	1.9			G	STD
SPIN	TS	5/30/2019	RFS01-06.1905019-006	7440-61-1	Uranium	N	61	ug/L		F	0.05			G	STD
SPIN	TS	6/13/2019	RFS01-04.1906022-005	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	580	mg/L		F	1.9			G	STD
SPIN	TS	6/13/2019	RFS01-04.1906022-005	7440-61-1	Uranium	N	85	ug/L		F	0.4			G	STD
SPIN	TS	6/26/2019	RFS01-06.1906020-006	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	520	mg/L		F	1.9			G	STD
SPIN	TS	6/26/2019	RFS01-06.1906020-006	7440-61-1	Uranium	N	78	ug/L		F	0.05			G	STD
SPOUT	TS	4/15/2019	RFS01-04.1904019-006	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	15	mg/L	B	F	0.038			G	STD
SPOUT	TS	4/15/2019	RFS01-04.1904019-015	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	14	mg/L	B	D	0.038			G	STD
SPOUT	TS	4/15/2019	RFS01-04.1904019-006	7440-61-1	Uranium	N	62	ug/L		F	0.05			G	STD
SPOUT	TS	4/15/2019	RFS01-04.1904019-015	7440-61-1	Uranium	N	66	ug/L		D	0.05			G	STD
SPOUT	TS	5/1/2019	RFS01-06.1905018-007	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	18	mg/L	B	F	0.038			G	STD
SPOUT	TS	5/1/2019	RFS01-06.1905018-007	7440-61-1	Uranium	N	51	ug/L		F	0.05			G	STD
SPOUT	TS	5/15/2019	RFS01-04.1905021-006	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.12	mg/L	B	F	0.019		U	G	STD
SPOUT	TS	5/15/2019	RFS01-04.1905021-006	7440-61-1	Uranium	N	35	ug/L		F	0.05			G	STD
SPOUT	TS	5/30/2019	RFS01-06.1905019-007	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.08	mg/L	B	F	0.019		U	G	STD
SPOUT	TS	5/30/2019	RFS01-06.1905019-007	7440-61-1	Uranium	N	19	ug/L		F	0.05			G	STD
SPOUT	TS	6/13/2019	RFS01-04.1906022-006	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.021	mg/L	J	F	0.019			G	STD
SPOUT	TS	6/13/2019	RFS01-04.1906022-006	7440-61-1	Uranium	N	65	ug/L		F	0.4			G	STD
SPOUT	TS	6/26/2019	RFS01-06.1906020-007	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	1.6	mg/L		F	0.019			G	STD
SPOUT	TS	6/26/2019	RFS01-06.1906020-007	7440-61-1	Uranium	N	54	ug/L		F	0.05			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-004	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-015	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	D	0.16			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-004	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-015	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	D	0.21			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-004	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-015	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	D	0.27			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-004	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-015	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	D	0.23			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-004	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-015	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	D	0.21			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-004	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-015	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	D	0.15			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-004	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-015	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	D	0.13			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-004	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-015	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	D	0.18			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-004	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-015	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	D	0.13			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-004	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-015	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	D	0.16			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-004	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-015	71-43-2	Benzene	N	0.16	ug/L	U	D	0.16			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-004	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-015	75-25-2	Bromoform	N	0.46	ug/L	U	D	0.46			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-004	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-015	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	D	0.19			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-004	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-015	108-90-7	Chlorobenzene	N	0.17	ug/L	U	D	0.17			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-004	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-015	67-66-3	Chloroform	N	0.16	ug/L	U	D	0.16			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-004	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-015	74-87-3	Chloromethane	N	0.3	ug/L	U	D	0.3			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-004	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-015	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	D	0.15			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-004	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-015	100-41-4	Ethylbenzene	N	0.16	ug/L	U	D	0.16			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-004	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36			G	STD

Appendix B
Analytical Results for Water Samples—Second Quarter CY 2019
RFLMA Data

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
SW018	SL	4/26/2019	RFS01-10.1904012-015	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	D	0.36			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-004	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-015	75-09-2	Methylene chloride	N	0.94	ug/L	U	D	0.94			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-004	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-015	91-20-3	Naphthalene	N	0.22	ug/L	U	D	0.22			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-004	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-015	100-42-5	Styrene	N	0.36	ug/L	U	D	0.36			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-004	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-015	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	D	0.2			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-004	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-015	108-88-3	Toluene	N	0.17	ug/L	U	D	0.17			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-004	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-015	1330-20-7	Total Xylenes	N	0.19	ug/L	U	D	0.19			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-004	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-015	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	D	0.15			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-004	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-015	79-01-6	Trichloroethene	N	0.16	ug/L	U	D	0.16			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-004	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1			G	STD
SW018	SL	4/26/2019	RFS01-10.1904012-015	75-01-4	Vinyl chloride	N	0.1	ug/L	U	D	0.1			G	STD
SW093	SL	4/25/2019	RFS01-01.1905015-006	14596-10-2	Americium-241	N	0.00767	pCi/L	U	F		0.0194		C	GEN
SW093	SL	4/25/2019	RFS01-01.1905015-006	7440-41-7	Beryllium	N	1	ug/L	U	F	1			C	GEN
SW093	SL	4/25/2019	RFS01-01.1905015-006	7440-43-9	Cadmium	Y	0.3	ug/L	U	F	0.3			C	GEN
SW093	SL	4/25/2019	RFS01-01.1905015-006	7440-47-3	Chromium	N	1	ug/L	U	F	1			C	GEN
SW093	SL	4/25/2019	RFS01-01.1905015-006	PU-239,240	Plutonium-239, 240	N	0.00745	pCi/L	U	F		0.00694		C	GEN
SW093	SL	4/25/2019	RFS01-01.1905015-006	7440-22-4	Silver	Y	0.3	ug/L	U	F	0.3			C	GEN
SW093	SL	4/25/2019	RFS01-01.1905015-006	7440-61-1	Uranium	N	3.5	ug/L		F	0.067			C	GEN
SW093	SL	5/13/2019	RFS01-01.1905016-006	14596-10-2	Americium-241	N	0.00183	pCi/L	U	F		0.013		C	GEN
SW093	SL	5/13/2019	RFS01-01.1905016-006	7440-41-7	Beryllium	N	1	ug/L	U	F	1			C	GEN
SW093	SL	5/13/2019	RFS01-01.1905016-006	7440-43-9	Cadmium	Y	0.3	ug/L	U	F	0.3			C	GEN
SW093	SL	5/13/2019	RFS01-01.1905016-006	7440-47-3	Chromium	N	1.04	ug/L	B	F	1			C	GEN
SW093	SL	5/13/2019	RFS01-01.1905016-006	PU-239,240	Plutonium-239, 240	N	0.00916	pCi/L	U	F		0.00953		C	GEN
SW093	SL	5/13/2019	RFS01-01.1905016-006	7440-22-4	Silver	Y	0.3	ug/L	U	F	0.3			C	GEN
SW093	SL	5/13/2019	RFS01-01.1905016-006	7440-61-1	Uranium	N	4.23	ug/L		F	0.067			C	GEN
SW093	SL	5/24/2019	RFS01-01.1906017-006	14596-10-2	Americium-241	N	0.0165	pCi/L	U	F		0.0253		C	GEN
SW093	SL	5/24/2019	RFS01-01.1906017-006	7440-41-7	Beryllium	N	1	ug/L	U	F	1			C	GEN
SW093	SL	5/24/2019	RFS01-01.1906017-006	7440-43-9	Cadmium	Y	0.3	ug/L	U	F	0.3			C	GEN
SW093	SL	5/24/2019	RFS01-01.1906017-006	7440-47-3	Chromium	N	1	ug/L	U	F	1			C	GEN
SW093	SL	5/24/2019	RFS01-01.1906017-006	PU-239,240	Plutonium-239, 240	N	0.00164	pCi/L	U	F		0.0133		C	GEN
SW093	SL	5/24/2019	RFS01-01.1906017-006	7440-22-4	Silver	Y	0.3	ug/L	U	F	0.3			C	GEN
SW093	SL	5/24/2019	RFS01-01.1906017-006	7440-61-1	Uranium	N	3.3	ug/L		F	0.067			C	GEN
SW093	SL	5/29/2019	RFS01-01.1906018-006	14596-10-2	Americium-241	N	0.00739	pCi/L	U	F		0.0108		C	GEN
SW093	SL	5/29/2019	RFS01-01.1906018-006	7440-41-7	Beryllium	N	1	ug/L	U	F	1			C	GEN
SW093	SL	5/29/2019	RFS01-01.1906018-006	7440-43-9	Cadmium	Y	0.3	ug/L	U	F	0.3			C	GEN
SW093	SL	5/29/2019	RFS01-01.1906018-006	7440-47-3	Chromium	N	1	ug/L	U	F	1			C	GEN
SW093	SL	5/29/2019	RFS01-01.1906018-006	PU-239,240	Plutonium-239, 240	N	-1.86E-09	pCi/L	U	F		0.0137		C	GEN
SW093	SL	5/29/2019	RFS01-01.1906018-006	7440-22-4	Silver	Y	0.3	ug/L	U	F	0.3			C	GEN
SW093	SL	5/29/2019	RFS01-01.1906018-006	7440-61-1	Uranium	N	4.31	ug/L		F	0.067			C	GEN
SW093	SL	6/6/2019	RFS01-01.1906018-007	14596-10-2	Americium-241	N	-0.0125	pCi/L	U	F		0.0174		C	GEN
SW093	SL	6/6/2019	RFS01-01.1906018-007	7440-41-7	Beryllium	N	1	ug/L	U	F	1			C	GEN
SW093	SL	6/6/2019	RFS01-01.1906018-007	7440-43-9	Cadmium	Y	0.3	ug/L	U	F	0.3			C	GEN
SW093	SL	6/6/2019	RFS01-01.1906018-007	7440-47-3	Chromium	N	1	ug/L	U	F	1			C	GEN
SW093	SL	6/6/2019	RFS01-01.1906018-007	PU-239,240	Plutonium-239, 240	N	0.00713	pCi/L	U	F		0.0111		C	GEN
SW093	SL	6/6/2019	RFS01-01.1906018-007	7440-22-4	Silver	Y	0.3	ug/L	U	F	0.3			C	GEN
SW093	SL	6/6/2019	RFS01-01.1906018-007	7440-61-1	Uranium	N	2.54	ug/L		F	0.067			C	GEN
SW093	SL	6/10/2019	RFS01-13.1906022-006	14596-10-2	Americium-241	N	0.00697	pCi/L	U	F		0.0079		C	GEN
SW093	SL	6/10/2019	RFS01-13.1906022-006	7440-41-7	Beryllium	N	1	ug/L	U	F	1			C	GEN
SW093	SL	6/10/2019	RFS01-13.1906022-006	7440-43-9	Cadmium	Y	0.3	ug/L	U	F	0.3			C	GEN
SW093	SL	6/10/2019	RFS01-13.1906022-006	7440-47-3	Chromium	N	1	ug/L	U	F	1			C	GEN
SW093	SL	6/10/2019	RFS01-13.1906022-006	PU-239,240	Plutonium-239, 240	N	0.00195	pCi/L	U	F		0.0115		C	GEN
SW093	SL	6/10/2019	RFS01-13.1906022-006	7440-22-4	Silver	Y	0.3	ug/L	U	F	0.3			C	GEN
SW093	SL	6/10/2019	RFS01-13.1906022-006	7440-61-1	Uranium	N	5.74	ug/L		F	0.067			C	GEN
SW093	SL	6/25/2019	RFS01-01.1907019-006	14596-10-2	Americium-241	N	-0.00776	pCi/L	U	F		0.0132		C	GEN
SW093	SL	6/25/2019	RFS01-01.1907019-009	14596-10-2	Americium-241	N	0.00741	pCi/L	U	D		0.0175		C	GEN
SW093	SL	6/25/2019	RFS01-01.1907019-006	7440-41-7	Beryllium	N	1	ug/L	U	F	1			C	GEN
SW093	SL	6/25/2019	RFS01-01.1907019-009	7440-41-7	Beryllium	N	1	ug/L	U	D	1			C	GEN
SW093	SL	6/25/2019	RFS01-01.1907019-006	7440-43-9	Cadmium	Y	0.3	ug/L	U	F	0.3			C	GEN
SW093	SL	6/25/2019	RFS01-01.1907019-009	7440-43-9	Cadmium	Y	0.3	ug/L	U	D	0.3			C	GEN
SW093	SL	6/25/2019	RFS01-01.1907019-006	7440-47-3	Chromium	N	2.53	ug/L	B	F	1			C	GEN
SW093	SL	6/25/2019	RFS01-01.1907019-009	7440-47-3	Chromium	N	2.22	ug/L	B	D	1			C	GEN
SW093	SL	6/25/2019	RFS01-01.1907019-006	PU-239,240	Plutonium-239, 240	N	0.0162	pCi/L	U	F		0.0169		C	GEN
SW093	SL	6/25/2019	RFS01-01.1907019-009	PU-239,240	Plutonium-239, 240	N	0.00273	pCi/L	U	D		0.0136		C	GEN
SW093	SL	6/25/2019	RFS01-01.1907019-006	7440-22-4	Silver	Y	0.3	ug/L	U	F	0.3			C	GEN
SW093	SL	6/25/2019	RFS01-01.1907019-009	7440-22-4	Silver	Y	0.3	ug/L	U	D	0.3			C	GEN

Appendix B
Analytical Results for Water Samples—Second Quarter CY 2019
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
SW093	SL	6/25/2019	RFS01-01.1907019-006	7440-61-1	Uranium	N	2.49	ug/L		F	0.067			C	GEN
SW093	SL	6/25/2019	RFS01-01.1907019-009	7440-61-1	Uranium	N	2.44	ug/L		D	0.067			C	GEN
SW10200	SL	5/2/2019	RFS01-10.1905013-016	71-55-6	1,1,1-Trichloroethane	N	29	ug/L		F	1.6		R	G	STD
SW10200	SL	5/2/2019	RFS01-10.1905013-016	79-34-5	1,1,2,2-Tetrachloroethane	N	2.1	ug/L	U	F	2.1		R	G	STD
SW10200	SL	5/2/2019	RFS01-10.1905013-016	79-00-5	1,1,2-Trichloroethane	N	2.7	ug/L	U	F	2.7		R	G	STD
SW10200	SL	5/2/2019	RFS01-10.1905013-016	75-35-4	1,1-Dichloroethene	N	3.1	ug/L	J	F	2.3		R	G	STD
SW10200	SL	5/2/2019	RFS01-10.1905013-016	120-82-1	1,2,4-Trichlorobenzene	N	2.1	ug/L	U	F	2.1		R	G	STD
SW10200	SL	5/2/2019	RFS01-10.1905013-016	95-50-1	1,2-Dichlorobenzene	N	1.5	ug/L	U	F	1.5		R	G	STD
SW10200	SL	5/2/2019	RFS01-10.1905013-016	107-06-2	1,2-Dichloroethane	N	1.3	ug/L	U	F	1.3		R	G	STD
SW10200	SL	5/2/2019	RFS01-10.1905013-016	78-87-5	1,2-Dichloropropane	N	1.8	ug/L	U	F	1.8		R	G	STD
SW10200	SL	5/2/2019	RFS01-10.1905013-016	541-73-1	1,3-Dichlorobenzene	N	1.3	ug/L	U	F	1.3		R	G	STD
SW10200	SL	5/2/2019	RFS01-10.1905013-016	106-46-7	1,4-Dichlorobenzene	N	1.6	ug/L	U	F	1.6		R	G	STD
SW10200	SL	5/2/2019	RFS01-10.1905013-016	71-43-2	Benzene	N	1.6	ug/L	U	F	1.6		R	G	STD
SW10200	SL	5/2/2019	RFS01-10.1905013-016	75-25-2	Bromoform	N	4.6	ug/L	U	F	4.6		R	G	STD
SW10200	SL	5/2/2019	RFS01-10.1905013-016	56-23-5	Carbon tetrachloride	N	1.9	ug/L	U	F	1.9		R	G	STD
SW10200	SL	5/2/2019	RFS01-10.1905013-016	108-90-7	Chlorobenzene	N	1.7	ug/L	U	F	1.7		R	G	STD
SW10200	SL	5/2/2019	RFS01-10.1905013-016	67-66-3	Chloroform	N	2.2	ug/L	J	F	1.6		R	G	STD
SW10200	SL	5/2/2019	RFS01-10.1905013-016	74-87-3	Chloromethane	N	3	ug/L	U	F	3		R	G	STD
SW10200	SL	5/2/2019	RFS01-10.1905013-016	156-59-2	cis-1,2-Dichloroethene	N	260	ug/L		F	1.5		R	G	STD
SW10200	SL	5/2/2019	RFS01-10.1905013-016	100-41-4	Ethylbenzene	N	1.6	ug/L	U	F	1.6		R	G	STD
SW10200	SL	5/2/2019	RFS01-10.1905013-016	87-68-3	Hexachlorobutadiene	N	3.6	ug/L	U	F	3.6		R	G	STD
SW10200	SL	5/2/2019	RFS01-10.1905013-016	75-09-2	Methylene chloride	N	9.4	ug/L	U	F	9.4		R	G	STD
SW10200	SL	5/2/2019	RFS01-10.1905013-016	91-20-3	Naphthalene	N	2.2	ug/L	U	F	2.2		R	G	STD
SW10200	SL	5/2/2019	RFS01-10.1905013-016	100-42-5	Styrene	N	3.6	ug/L	U	F	3.6		R	G	STD
SW10200	SL	5/2/2019	RFS01-10.1905013-016	127-18-4	Tetrachloroethene	N	53	ug/L		F	2		R	G	STD
SW10200	SL	5/2/2019	RFS01-10.1905013-016	108-88-3	Toluene	N	1.7	ug/L	U	F	1.7		R	G	STD
SW10200	SL	5/2/2019	RFS01-10.1905013-016	1330-20-7	Total Xylenes	N	1.9	ug/L	U	F	1.9		R	G	STD
SW10200	SL	5/2/2019	RFS01-10.1905013-016	156-60-5	trans-1,2-Dichloroethene	N	1.9	ug/L	J	F	1.5		R	G	STD
SW10200	SL	5/2/2019	RFS01-10.1905013-016	79-01-6	Trichloroethene	N	210	ug/L		F	1.6		R	G	STD
SW10200	SL	5/2/2019	RFS01-10.1905013-016	75-01-4	Vinyl chloride	N	1	ug/L	U	F	1		R	G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19			G	STD

Appendix B
Analytical Results for Water Samples—Second Quarter CY 2019
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
SW10200	SL	6/6/2019	RFS01-10.1906017-002	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1			G	STD
SW10200	SL	6/6/2019	RFS01-10.1906017-002	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1			G	STD
WALPOC	SL	4/18/2019	RFS01-05.1904016-002	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.017	mg/L	U	F	0.017			G	GEN
WALPOC	SL	4/18/2019	RFS01-05.1905017-001	14596-10-2	Americium-241	N	0.0135	pCi/L	U	F		0.0147		C	GEN
WALPOC	SL	4/18/2019	RFS01-05.1905017-001	PU-239,240	Plutonium-239, 240	N	0.01	pCi/L	U	F		0.00932		C	GEN
WALPOC	SL	4/18/2019	RFS01-05.1905017-001	7440-61-1	Uranium	N	13	ug/L		F	0.067			C	GEN
WALPOC	SL	5/6/2019	RFS01-05.1905017-002	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.017	mg/L	U	F	0.017			G	GEN
WALPOC	SL	5/6/2019	RFS01-13.1905016-003	14596-10-2	Americium-241	N	0.00272	pCi/L	U	F		0.0141		C	GEN
WALPOC	SL	5/6/2019	RFS01-13.1905016-003	PU-239,240	Plutonium-239, 240	N	0.00577	pCi/L	U	F		0.00981		C	GEN
WALPOC	SL	5/6/2019	RFS01-13.1905016-003	7440-61-1	Uranium	N	14.1	ug/L		F	0.067			C	GEN
WALPOC	SL	5/13/2019	RFS01-13.1905016-004	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.433	mg/L		F	0.017			G	GEN
WALPOC	SL	5/13/2019	RFS01-13.1905017-003	14596-10-2	Americium-241	N	0.00596	pCi/L	U	F		0.017		C	GEN
WALPOC	SL	5/13/2019	RFS01-13.1905017-006	14596-10-2	Americium-241	N	0.00215	pCi/L	U	D		0.0152		C	GEN
WALPOC	SL	5/13/2019	RFS01-13.1905017-003	PU-239,240	Plutonium-239, 240	N	0.0146	pCi/L	U	F		0.0124		C	GEN
WALPOC	SL	5/13/2019	RFS01-13.1905017-006	PU-239,240	Plutonium-239, 240	N	0.00897	pCi/L	U	D		0.0139		C	GEN
WALPOC	SL	5/13/2019	RFS01-13.1905017-003	7440-61-1	Uranium	N	12.1	ug/L		F	0.067			C	GEN
WALPOC	SL	5/13/2019	RFS01-13.1905017-006	7440-61-1	Uranium	N	12.2	ug/L		D	0.067			C	GEN
WALPOC	SL	5/24/2019	RFS01-13.1905017-004	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.2	mg/L		F	0.017			G	GEN
WALPOC	SL	5/24/2019	RFS01-13.1906018-003	14596-10-2	Americium-241	N	0.0189	pCi/L	U	F		0.0132		C	GEN
WALPOC	SL	5/24/2019	RFS01-13.1906018-003	PU-239,240	Plutonium-239, 240	N	0.0224	pCi/L	U	F		0.0313		C	GEN
WALPOC	SL	5/24/2019	RFS01-13.1906018-003	7440-61-1	Uranium	N	10.8	ug/L		F	0.067			C	GEN
WALPOC	SL	5/29/2019	RFS01-13.1906018-004	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.59	mg/L		F	0.085		J	G	GEN
WALPOC	SL	5/29/2019	RFS01-13.1906019-003	14596-10-2	Americium-241	N	0.011	pCi/L	U	F		0.0135		C	GEN
WALPOC	SL	5/29/2019	RFS01-13.1906019-003	PU-239,240	Plutonium-239, 240	N	0.00711	pCi/L	U	F		0.0128		C	GEN
WALPOC	SL	5/29/2019	RFS01-13.1906019-003	7440-61-1	Uranium	N	9.61	ug/L		F	0.067			C	GEN
WALPOC	SL	6/6/2019	RFS01-13.1906019-004	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.132	mg/L		F	0.017			G	GEN
WALPOC	SL	6/6/2019	RFS01-13.1906019-009	14596-10-2	Americium-241	N	0.0046	pCi/L	U	F		0.015		C	GEN
WALPOC	SL	6/6/2019	RFS01-13.1906019-009	PU-239,240	Plutonium-239, 240	N	0.00389	pCi/L	U	F		0.0146		C	GEN
WALPOC	SL	6/6/2019	RFS01-13.1906019-009	7440-61-1	Uranium	N	8.36	ug/L		F	0.067			C	GEN
WALPOC	SL	6/10/2019	RFS01-13.1906019-010	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.0882	mg/L		F	0.017			G	GEN
WALPOC	SL	6/10/2019	RFS01-13.1906021-003	14596-10-2	Americium-241	N	-0.0103	pCi/L	U	F		0.0229		C	GEN
WALPOC	SL	6/10/2019	RFS01-13.1906021-003	PU-239,240	Plutonium-239, 240	N	0.00688	pCi/L	U	F		0.00974		C	GEN
WALPOC	SL	6/10/2019	RFS01-13.1906021-003	7440-61-1	Uranium	N	7.26	ug/L	E	F	0.067		J	C	GEN
WALPOC	SL	6/25/2019	RFS01-13.1906021-004	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.017	mg/L	U	F	0.017		J	G	GEN
WALPOC	SL	6/25/2019	RFS01-13.1907023-003	14596-10-2	Americium-241	N	0.00981	pCi/L	U	F		0.0159		C	GEN
WALPOC	SL	6/25/2019	RFS01-13.1907023-003	PU-239,240	Plutonium-239, 240	N	0.00584	pCi/L	U	F		0.0128		C	GEN
WALPOC	SL	6/25/2019	RFS01-13.1907023-003	7440-61-1	Uranium	N	5.62	ug/L		F	0.067			C	GEN

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	4/9/2019	RFS01-05.1904016-004	14596-10-2	Americium-241	N	-0.0226	pCi/L	U	F		0.0288		C	GEN
WOMPOC	SL	4/9/2019	RFS01-05.1904016-004	PU-239,240	Plutonium-239, 240	N	-0.013	pCi/L	U	F		0.0135		C	GEN
WOMPOC	SL	4/9/2019	RFS01-05.1904016-004	7440-61-1	Uranium	N	2.88	ug/L		F	0.067			C	GEN
WOMPOC	SL	4/18/2019	RFS01-05.1905017-004	14596-10-2	Americium-241	N	0.00729	pCi/L	U	F		0.0143		C	GEN
WOMPOC	SL	4/18/2019	RFS01-05.1905017-004	PU-239,240	Plutonium-239, 240	N	-0.00312	pCi/L	U	F		0.00967		C	GEN
WOMPOC	SL	4/18/2019	RFS01-05.1905017-004	7440-61-1	Uranium	N	3.62	ug/L		F	0.067			C	GEN
WOMPOC	SL	5/3/2019	RFS01-13.1905016-002	14596-10-2	Americium-241	N	0.00695	pCi/L	U	F		0.0176		C	GEN
WOMPOC	SL	5/3/2019	RFS01-13.1905016-005	14596-10-2	Americium-241	N	0.00611	pCi/L	U	D		0.0106		C	GEN
WOMPOC	SL	5/3/2019	RFS01-13.1905016-002	PU-239,240	Plutonium-239, 240	N	0.0047	pCi/L	U	F		0.00652		C	GEN
WOMPOC	SL	5/3/2019	RFS01-13.1905016-005	PU-239,240	Plutonium-239, 240	N	-0.00358	pCi/L	U	D		0.00701		C	GEN
WOMPOC	SL	5/3/2019	RFS01-13.1905016-002	7440-61-1	Uranium	N	2.15	ug/L		F	0.067			C	GEN
WOMPOC	SL	5/3/2019	RFS01-13.1905016-005	7440-61-1	Uranium	N	2	ug/L		D	0.067			C	GEN
WOMPOC	SL	5/13/2019	RFS01-13.1905017-002	14596-10-2	Americium-241	N	-3.5E-09	pCi/L	U	F		0.0168		C	GEN
WOMPOC	SL	5/13/2019	RFS01-13.1905017-005	14596-10-2	Americium-241	N	0.00778	pCi/L	U	D		0.014		C	GEN
WOMPOC	SL	5/13/2019	RFS01-13.1905017-002	PU-239,240	Plutonium-239, 240	N	0.00207	pCi/L	U	F		0.00909		C	GEN
WOMPOC	SL	5/13/2019	RFS01-13.1905017-005	PU-239,240	Plutonium-239, 240	N	0.00648	pCi/L	U	D		0.0112		C	GEN
WOMPOC	SL	5/13/2019	RFS01-13.1905017-002	7440-61-1	Uranium	N	1.91	ug/L		F	0.067			C	GEN
WOMPOC	SL	5/13/2019	RFS01-13.1905017-005	7440-61-1	Uranium	N	1.75	ug/L		D	0.067			C	GEN
WOMPOC	SL	5/24/2019	RFS01-13.1906018-002	14596-10-2	Americium-241	N	0.0113	pCi/L	U	F		0.0148		C	GEN
WOMPOC	SL	5/24/2019	RFS01-13.1906018-002	PU-239,240	Plutonium-239, 240	N	0.00929	pCi/L	U	F		0.0122		C	GEN
WOMPOC	SL	5/24/2019	RFS01-13.1906018-002	7440-61-1	Uranium	N	1.71	ug/L		F	0.067			C	GEN
WOMPOC	SL	5/29/2019	RFS01-13.1906019-002	14596-10-2	Americium-241	N	-0.0066	pCi/L	U	F		0.0112		C	GEN
WOMPOC	SL	5/29/2019	RFS01-13.1906019-002	PU-239,240	Plutonium-239, 240	N	0	pCi/L	U	F		0.0201		C	GEN
WOMPOC	SL	5/29/2019	RFS01-13.1906019-002	7440-61-1	Uranium	N	1.64	ug/L		F	0.067			C	GEN
WOMPOC	SL	6/6/2019	RFS01-13.1906019-008	14596-10-2	Americium-241	N	0.00242	pCi/L	U	F		0.0171		C	GEN
WOMPOC	SL	6/6/2019	RFS01-13.1906019-008	PU-239,240	Plutonium-239, 240	N	0.00751	pCi/L	U	F		0.0153		C	GEN
WOMPOC	SL	6/6/2019	RFS01-13.1906019-008	7440-61-1	Uranium	N	1.29	ug/L		F	0.067			C	GEN
WOMPOC	SL	6/10/2019	RFS01-13.1906021-002	14596-10-2	Americium-241	N	0.00506	pCi/L	U	F		0.00929		C	GEN
WOMPOC	SL	6/10/2019	RFS01-13.1906021-002	PU-239,240	Plutonium-239, 240	N	0	pCi/L	U	F		0.0126		C	GEN
WOMPOC	SL	6/10/2019	RFS01-13.1906021-002	7440-61-1	Uranium	N	2.45	ug/L	E	F	0.067		J	C	GEN

EXPLANATION

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

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

SAMPLE_TYPE
F = Field Sample
D = Duplicate

LAB_QUALIFIERS

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

LIDATION_QUALIFIERS

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

LOCATION_TYPE

SL	SURFACE LOCATION
TS	TREATMENT SYSTEM
WL	WELL

COLLECTION_METHOD

G	Grab
C	Composite

LAB_CODE

GEN	Gel Laboratories
STD	Test America

Appendix B
Analytical Results for Water Samples—Second Quarter 2019
Information for RFLMA Composite Samples with Unavailable Data

Location	Sample Dates*	Status
GS51	1/3/2019 15:45 -->	In Progress
SW027	1/3/2019 16:00 -->	In Progress

Abbreviations:
* Analytical results are reported with the start date of the composite sampling period
--> Composite sample end date to be determined
NSQ: non-sufficient quantity for analysis

Office of Legacy Management

Rocky Flats Site Original Landfill Stabilizing Project Underway

SEPTEMBER 24, 2019

Visitors to the Rocky Flats National Wildlife Refuge may notice some heavy equipment activity on the southwest side of the Central Operable Unit — also referred to as the U.S. Department of Energy (DOE) Office of Legacy Management (LM) Rocky Flats Site, Colorado — located in the center of the refuge.

DOE is repairing two sections of the hillside where an old, closed landfill, called the Original Landfill, is located. Soil on this steep hillside has been slipping downhill for several years and previous repairs did not provide a long-term fix. The project involves installing steel anchors that will hold the soil deep into bedrock and subsurface drains that will route shallow groundwater away from the slipping areas. Work began August 7 and is expected to finish in May 2020. Crews are scheduled to work 7 a.m. to 5 p.m., Monday through Friday (except during holidays), until the project is finished.

While DOE does not expect to encounter hazardous or radioactive materials, debris exposed during drilling and excavating will be screened for proper disposal. Soil moved during repairs will be put back in place when possible and any excess material will stay on-site to fill other areas.

The Original Landfill was used as a construction and municipal waste dump since the Rocky Flats Plant began operation in 1952 and was used through 1968. During those early years, trash was dumped over the steep hillside, then covered with dirt. Although the landfill was never intended to be used as a hazardous or radioactive waste disposal site, some hazardous materials like paints, solvents, asphalt, and other chemicals were most likely disposed in the landfill. On one occasion, some depleted uranium being transported on a pickup truck caught fire and was placed in the landfill to burn out. Shortly after, what remained was removed.

In 2005, new soil cover and drainage features were installed as part of the Rocky Flats Closure Project. Surveys targeted the remaining spots of low-level radioactive material, which were removed before DOE graded and covered the landfill. Years of data from landfill soil and water monitoring before, during, and after cleanup show very low levels of hazardous or radioactive materials in the landfill.

More than 260 steel anchors will be drilled into each section to stabilize the east and west sides of this hillside. Each anchor will be capped with an 8-foot concrete square that will be buried to make the hillside look more

natural. Drains will be installed underground to move groundwater away from the areas being anchored.

The Colorado Department of Public Health and Environment approved the contact record, which describes the project and the soil disturbance review plan associated with excavation. This contact record was emailed to engaged stakeholders and posted on the LM Rocky Flats website.

Go to https://www.lm.doe.gov/Rocky_Flats/Sites.aspx to view the Rocky Flats Site documents.

Go to https://www.lm.doe.gov/Rocky_Flats/ContactRecords.aspx to view contact records, including more project details in document RFLMA CR-2019-02.

For more information, contact Rocky Flats Public Affairs at rfinfo@lm.doe.gov or (720) 880-4350.

OFFICE of
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An office of

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CDPHE Hot Spot Update

- Cover memo

2020 Work Plan

- Cover memo
- Draft work plan

2020 Budget

- Cover memo
- Draft budget
- Budget Resolution and Notice

ROCKY FLATS STEWARDSHIP COUNCIL

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

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

MEMORANDUM

TO: Board of Directors
FROM: David Abelson
SUBJECT: CDPHE Update on State's Response to the Hot-Spot Along Indiana Street
DATE: November 5, 2019

Jen Opilia, CDPHE's Hazardous Materials and Waste Management Division Director, will provide a short update on the state's response to the hot-spot along Indiana Street. Time is allotted for Q&A with the Board and public.

As background, on November 5th, Jen emailed an update on the state's next steps, and requested time to address you at this meeting. The text of her email, which was previously emailed to the Board and public, follows.

As you may be aware, there have been a number of soil sampling events happening this year in both the U.S. Fish and Wildlife Service's Rocky Flats National Wildlife Refuge and the separate transportation corridor along Indiana Street, which belongs to the Jefferson Public Parkway Highway Authority (JPPHA). One of the results from these sampling events showed a higher than previously recorded level of plutonium for the transportation corridor. This result raised questions regarding the potential radiation dose from plutonium that a construction worker and nearby resident could receive during construction of the JPPHA project.

The Colorado Department of Public Health and Environment (CDPHE) is planning to take a number of steps to evaluate the potential radiation dose based on the new soil sampling information from 2019.

1. CDPHE is receiving the data from the recent sampling events and will provide a map of the soil sampling results to the public once this is completed.

2. The CDPHE Radiation Program will use a regulatory dose assessment tool, called RESRAD (RESidual RADioactvity), to perform an assessment of the potential radiation dose from plutonium for a construction worker during the JPPHA project. This tool is specifically designed to help determine the allowable residual radioactivity in site cleanup and has successfully been used in the past to evaluate potential doses from windblown plutonium in the area of Rocky Flats. For more information on RESRAD you can go to: https://www.evs.anl.gov/research-areas/highlights/resrad.cfm. Actual data from the recent sampling events, as well as other conservative scenarios, will be used in the dose assessment.

3. CDPHE is working with Colorado State University to review some of the data and sampling and analysis plans from the recent sampling events.

4. CDPHE will also prepare a review of scientific literature on the differences between the risk of exposure to a radioactive particle versus the homogeneous concentration that is used in dose assessments like RESRAD.

CDPHE is expecting to have this work completed by April 2020. After completing these steps, the CDPHE will determine if there are any additional measures that should be taken to protect public health during the construction of the JPPHA project.

We will provide the results of this evaluation to you and the general public as they become available. Please share this information with anyone who you think would be interested. Please feel free to reach out to me if you have any thoughts or questions about our evaluation.

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Kim Griffiths

MEMORANDUM

TO: Board
FROM: David Abelson & Melissa Weakley
SUBJECT: Draft 2020 Work Plan
DATE: October 17, 2019

The Board will approve the 2020 work plan. The Board reviewed the draft plan at the September 9th meeting. The one change offered is noted using track changes. No other changes have been made.

Action Item: Approve 2020 Work Plan

ROCKY FLATS STEWARDSHIP COUNCIL

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2020 Work Plan

Draft #2, October 15, 2019

Mission:

The mission of the Rocky Flats 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.

Background:

The Stewardship Council occupies two roles: (1) serving as the Local Stakeholder Organization (LSO) for Rocky Flats, and (2) engaging USFWS on the management of the Rocky Flats National Wildlife 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)

Legacy Management 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 DOE 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 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.

The USFWS opened the Rocky Flats National Wildlife 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 continues to be to understand and engage the various issues regarding the cleanup and post-closure management of Rocky Flats, and to provide a forum to foster discussions among DOE, the regulatory agencies, and community members.

2020 Activities:

1. 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.
2. Continue to identify key questions about the cleanup and ongoing management, and evaluate for remedy effectiveness and impacts to human and ecological receptors. For 2020, this effort includes being briefed on past analyses regarding risk and the protectiveness of the cleanup remedy.
3. Track soil sampling programs by local governments, Jefferson Public Parkway Highway Authority, USFWS and others.

4. 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).
5. 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.
6. Track progress made in addressing slumping at the Original Landfill (OLF).
7. Track issues related to slumping along North Walnut Creek.
8. Track issues related to additional sampling off-site and in the Rocky Flats Refuge. (Note: While the analysis might be conducted by local governments and USFWS, the issue is an LSO issue as it goes to the historic use of Rocky Flats as a weapons plant and associated residual contamination.)
9. 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.
10. Continue participating in DOE, CDPHE and/or EPA assessment(s) of remedy operations and effectiveness.
11. Work with DOE on implementing its Legacy Management Closure Public Involvement Plan (LMPIP), including the meetings DOE identified in the LMPIP.
12. Review DOE budgets for implementation of DOE responsibilities.
13. As needed, evaluate legal and regulatory issues regarding implementation of RFLMA and related site documents, and provide information to the Stewardship Council and to the community.
14. Work with DOE and the regulators to understand technical data regarding implementation and effectiveness of cleanup remedies and long-term controls, and provide information to the Stewardship Council and to the community.
15. Transmit to appropriate officers and employees of the DOE questions and concerns of governments, persons and entities regarding Rocky Flats.
16. As opportunities allow, continue to work with DOE on the development of the visitor center.
17. 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.
18. Track the development of Jefferson County Parkway as it relates to Rocky Flats.
19. Track Congressional action on Rep. Neguse's CERCLA minerals development bill (H.R. 3747 "On or Under Act") and engage as needed.

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 IGA, 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.

2020 Activities:
1. Forward worker concerns, as necessary.

Outreach

LSO Activity with 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, and for providing ongoing interface with the delegation on the numerous site-specific issues and concerns.

2020 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.
4. Evaluate Congressional action affecting DOE and USFWS and administrative action that could affect Rocky Flats.

5. Maintain communication with federal and state legislators, as appropriate, and track federal and state legislation as needed.
6. Provide opportunities at meetings and in between meetings for education and 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.
9. Implement mechanisms for the Stewardship Council and the general public to be informed of the results of the monitoring data and other relevant 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

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

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.

2020 Activities:
1. Track agency and Congressional action affecting funding for USFWS and the Rocky Flats National Wildlife Refuge. Engage as needed.
2. Track issues related to the development of the Rocky Flats visitor center.[1] Engage as needed.
3. Be apprised of the Rocky Flats National Wildlife Refuge site conservation plan, with an emphasis on the proposed trail plan.
4. Forward information regarding the Rocky Flats National Wildlife Refuge to the Stewardship Council Board of Directors and the public, as appropriate.
5. Track issues related to the development of a trail network connecting Rocky Flats National Wildlife Refuge, Rocky Mountain Arsenal National Wildlife Refuge, Two Ponds National Wildlife Refuge, and Rocky Mountain National Park.

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

Business Operations

LSO Activity

Overview:

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

2020 Activities:

1. Work with DOE to ensure the Stewardship Council continues to meet the needs 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 of Directors (two seats).

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League of Women Voters ~ Rocky Flats Cold War Museum ~ Rocky Flats Homesteaders
Kim Griffiths

MEMORANDUM

TO: Board
FROM: David Abelson
SUBJECT: Fiscal Year 2020 Budget Hearing
DATE: October 17, 2019

The Board will hold a budget hearing on the fiscal year 2020 Stewardship Council budget and approve a budget resolution adopting the budget. No changes were offered by the Board at the September 9th meeting. The sole change I have made since that meeting is to update the "2019 Actual/Projected Expenses" to include actual expenses through September.

The budget resolution and hearing notice are attached. Notice will be published in the Denver Post.

Action Item: Hold fiscal year 2020 budget hearing and approve resolution adopting the budget

ROCKY FLATS STEWARDSHIP COUNCIL

2020 Budget -- Draft #2 October 2019

			2020 Budget Amounts	2020 Anticipated Expenditures	2019 Budget	2019 Actual/ Projected Expenses*	2019 Budget vs. 2019 Actual/Projected Expenses	2018 Expenses
A.	**Personnel**		**$ 93,000.00**	$ 93,000.00	$ 94,150.00	$ 94,150.00	$ -	$ 93,000.00
	Executive Director and Technical Advisor ($7750/month) plus one additional month for transfer of technical advisor position							
B.	**Fringe Benefits**		**$ -**	$ -	$ -	$ -	$ -	$ -
	Staff are contractors							
C.	**Travel**		**$ 7,300.00**					
	Out of State National DOE-related trips	$ 6,100.00		$ 6,100.00	$ 6,100.00	$ 5,205.00	$ (895.00)	$ 5,281.74
	Local Travel $100/month for 12 months	$ 1,200.00		$ 1,000.00	$ 1,200.00	$ 1,505.00	$ 305.00	$ 1,409.88
D.	**Computer Equipment**		**$ 500.00**	$ -	$ 500.00	$ -	$ (500.00)	$ -
	Purchase misc. hardware, software							
E.	**Supplies**		**$ 1,200.00**	$ 100.00	$ 1,200.00	$ 353.00	$ (847.00)	$ 90.00
	Supplies ($100/month)							
F.	**Contractual**		**$ 39,500.00**					
	Attorney & Accounting Services							
	Legal Services ($1400/ month)	$ 16,800.00		$ 16,000.00	$ 16,800.00	$ 13,719.00	$ (3,081.00)	$ 14,819.15
	Accounting ($850/month)	$ 10,200.00		$ 5,800.00	$ 10,200.00	$ 4,674.00	$ (5,526.00)	$ 4,883.00
	Audit Report	$ 6,500.00		$ 4,200.00	$ 6,500.00	$ 4,000.00	$ (2,500.00)	$ 4,000.00
	Admin. Services							
	Misc. Services: bank fees, etc.	$ 1,000.00		$ 100.00	$ 1,000.00	$ 77.00	$ (923.00)	$ 79.82

	Minutes Preparation (5 meetings)	$	3,000.00		$	2,500.00	$	3,000.00	$	2,700.00	$	(300.00)	$ 2,762.50
	Local Government Expenses Miscellaneous expenses not covered by DOE funds (includes meeting expenses and non-LSO activities)	$	2,000.00		$	1,500.00	$	2,000.00	$	2,300.00	$	300.00	$ 1,533.44
G.	**Construction**			**$ -**	$	-	$	-	$	-	$	-	$ -
	None												
H.	**Other**			**$ 14,600.00**									
	Printing & Copy	$	2,000.00		$	250.00	$	2,000.00	$	90.00	$	(1,910.00)	$ 90.00
	Postage $125/month for 12 months	$	1,500.00		$	300.00	$	1,500.00	$	530.00	$	(970.00)	$ 529.88
	Liability Insurance												
	Property Contents/General Liability	$	500.00		$	500.00	$	500.00	$	500.00	$	-	$ 500.00
	Board Members	$	3,500.00		$	3,500.00	$	3,500.00	$	2,968.00	$	(532.00)	$ 3,385.61
	Telephone, email, etc.	$	2,700.00		$	2,400.00	$	2,700.00	$	1,890.00	$	(810.00)	$ 2,341.47
	Website												
	Hosting	$	500.00		$	-	$	500.00	$	-	$	(500.00)	$ -
	Web master	$	1,500.00		$	500.00	$	1,500.00	$	750.00	$	(750.00)	$ -
	Subscriptions/Memberships												
	ECA membership	$	950.00		$	950.00	$	950.00	$	950.00	$	-	$ 950.00
	Conference registration fees	$	800.00		$	800.00	$	800.00	$	750.00	$	(50.00)	$ 750.00
	Newspapers	$	650.00		$	-	$	650.00	$	-	$	(650.00)	$ 525.70
J.	**Indirect Costs**			**$ -**			$	-	$	-	$	-	$ -
	N/A												
TOTAL PROPOSED BUDGET				**$ 156,100.00**	**$**	**139,500.00**	**$**	**157,250.00**	**$**	**137,111.00**	**$**	**(20,139.00)**	**$ 136,932.19**

REVENUE FOR 2020

Local government contributions	$	10,000.00

Department of Energy grant	$ 139,000.00
RFCLOG carry-over	$ 7,100.00
TOTAL	$ 156,100.00

*2019 Actual/Projected Expenses = actual January through September; projected October through December

STATE OF COLORADO

ROCKY FLATS STEWARDSHIP COUNCIL

The Board of Directors of the Rocky Flats Stewardship Council ("Stewardship Council"), State of Colorado, held a meeting at the Rocky Mountain Metropolitan Airport (formerly Jefferson County Airport), Mt. Evans Room, 11755 Airport Way, in Broomfield, Colorado 80021, on November 18, 2019, at the hour of 8:30 A.M., at which a quorum of the Board of Directors was present.

The Executive Director reported that prior to the meeting he had notified each of the Directors of the date, time and place of this meeting and the purpose for which it was called. He further reported that Notice of the Board Meeting has been posted in accordance with the Bylaws of the Stewardship Council and, to the best of his knowledge, remains posted to the date of this meeting.

Thereupon, Director _____, introduced and moved the adoption of the following Resolution:

RESOLUTION

A RESOLUTION SUMMARIZING EXPENDITURES AND REVENUES FOR THE GENERAL FUND AND ADOPTING A BUDGET AND APPROPRIATING SUMS OF MONEY TO THE GENERAL FUND IN THE AMOUNTS AND FOR THE PURPOSES SET FORTH HEREIN FOR THE ROCKY FLATS STEWARDSHIP COUNCIL, STATE OF COLORADO, FOR THE CALENDAR YEAR BEGINNING ON THE 1ST DAY OF JANUARY, 2020, AND ENDING ON THE LAST DAY OF DECEMBER, 2020.

WHEREAS, the proposed budget has been submitted to the Board of Directors of the Stewardship Council for its consideration; and

WHEREAS, upon due and proper notice, published in accordance with law as attached as Exhibit A, said proposed budget was open for inspection by the public at a designated place, a public hearing was held on November 18, 2019, and interested electors were given the opportunity to file or register any objections to said proposed budget; and

WHEREAS, the budget being adopted by the Board has been prepared based on the best information available to the Board regarding the effects of Article X, Section 20 of the Colorado Constitution; and

WHEREAS, whatever increases may have been made in the expenditures, like increases were added to the revenues so that the budget remains in balance, as required by law.

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

Section 1. Summary of 2020 Revenues and 2020 Expenditures. That the estimated revenues and expenditures for the general fund for fiscal year 2020, as more specifically set forth in the budget attached hereto, are accepted and approved.

Section 2. Adoption of Budget. That the budget as submitted, amended, attached hereto and incorporated herein, is approved and adopted as the budget of the Rocky Flats Stewardship Council for fiscal year 2020.

Section 3. Appropriations. That the amounts set forth as expenditures and balances remaining, as specifically allocated in the budget, attached hereto, are hereby appropriated from the revenue of the general fund, to the general fund, for the purposes stated and no other.

Section 4. Budget Certification. That the budget shall be certified by Joyce Downing, Chair of the Board, and made a part of the public records of the Rocky Flats Stewardship Council.

The foregoing Resolution was seconded by Director _____.

RESOLUTION APPROVED AND ADOPTED THIS 18th DAY OF NOVEMBER, 2019.

[Remainder of Page Intentionally Left Blank]

Signature Page to Rocky Flats Stewardship Council
2020 Budget Resolution

ROCKY FLATS STEWARDSHIP COUNCIL

By: _____
Joyce Downing, Chair

ATTEST:

By: _____
Secretary

STATE OF COLORADO

ROCKY FLATS STEWARDSHIP COUNCIL

I, Joyce Downing, hereby certify that I am a Director and qualified Chair of the Rocky Flats Stewardship Council, and that the foregoing constitutes a true and correct copy of the record of proceedings of the Board of Directors of said Stewardship Council, adopted at a meeting of the Board of Directors of the Rocky Flats Stewardship Council held on November 18, 2019, at the Rocky Mountain Metropolitan Airport (formerly Jefferson County Airport), Mt. Evans Room, 11755 Airport Way, in Broomfield, Colorado, as recorded in the official record of the proceedings of the Stewardship Council, insofar as said proceedings relate to the budget hearing for fiscal year 2020; that said proceedings were duly had and taken; that the meeting was duly held; and that the persons were present at the meeting as therein shown.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed the official seal of the Stewardship Council this 18th day of November, 2019.

_____

Joyce Downing, Chair

EXHIBIT A

NOTICE AS TO PROPOSED 2020 BUDGET

NOTICE IS HEREBY GIVEN that a proposed budget has been submitted to the **ROCKY FLATS STEWARDSHIP COUNCIL** for the fiscal year 2020. A copy of such proposed budget has been filed in the office Seter & Vander Wall, P.C. 7400 East Orchard Road, Suite 3300, Greenwood Village, Colorado, where same is open for public inspection. Such proposed budget will be considered at a meeting of the Rocky Flats Stewardship Council to be held at 8:30 A.M. on Monday, November 18, 2019. The meeting will be held at 11755 Airport Way, Mt. Evans Room, in Broomfield, Colorado. Any interested party may inspect the proposed budget and file or register any objections at any time prior to the final adoption of the 2020 budget.

BY ORDER OF THE EXECUTIVE COMMITTEE:
ROCKY FLATS STEWARDSHIP COUNCIL

By: /s/ SETER & VANDER WALL, P.C.
Attorneys for the District

Publish in: The Denver Post
Publish on: Saturday, November 2, 2019

ROCKY FLATS STEWARDSHIP COUNCIL
2020 BUDGET MESSAGE

SUMMARY OF SIGNIFICANT ASSUMPTIONS

Services Provided

The purpose of the Rocky Flats Stewardship Council, consistent with public health, safety and welfare, is to provide an effective mechanism for local governments in the vicinity of Rocky Flats and their citizens to work together on issues of mutual concern relating to the future use and long-term protection of Rocky Flats, and to serve as a focal point for local government communication and advocacy with state and federal agencies regarding Rocky Flats issues.

Revenue

The Stewardship Council receives its revenues from the Department of Energy; Rocky Flats Coalition of Local Governments; and Local Government contributions (Boulder County, Jefferson County, City and County of Broomfield, Cities of Arvada, Boulder, Golden, Northglenn, Thornton, and Westminster and Town of Superior).

Expenditures

The funds are used for G&A, overhead expenses, as well as costs incurred with buffer zone and stewardship planning processes.

The Stewardship Council prepares its budget on the modified accrual basis of accounting.

LSO Applications

- Cover memo
- Applicants' Responses
    - League of Women Voters (current member)
    - Rocky Flats Homesteaders (current member)

ROCKY FLATS STEWARDSHIP COUNCIL

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City of Golden ~ City of Northglenn ~ City of Thornton ~ City of Westminster ~ Town of Superior
League of Women Voters ~ Rocky Flats Cold War Museum ~ Rocky Flats Homesteaders
Kim Griffiths

MEMORANDUM

TO: Board of Directors
FROM: David Abelson
SUBJECT: LSO Member Appointments
DATE: October 16, 2019

Effective at the February 2020 meeting, there are two seats open for appointment. Only two parties – the League of Women Voters and Rocky Flats Homesteaders – applied. Both are current members.

The two applications are attached.

Action Item: Discuss the candidates and make appointments

ROCKY FLATS MEMBERSHIP APPLICATION – 2019-21

Name: Jeannette Hillery Alternate: Linda Porter

League of Women Voters of Colorado

999 Meadow Glen Dr. 10537 W. 69th Place

Boulder CO 80303 Arvada, CO 80004

Telephone: 303-494-7718

Email: jmhillery915@comcast.net lporterlwv@q.com

Membership: Public interest

The Colorado League has 20 chapters and about 2000 members statewide.

The League of Women Voters has been serving on the Stewardship Council since its inception and has a long history of environmental participation, not only with nuclear waste but other hazardous material as well as water and air quality . Prior to closure the League facilitated public forums dealing with the site. The League encourages public participation in the meetings of the stewardship council along with education of the activities that occur on the site. We have been active participants and feel we have the knowledge and skill to deal with the continued oversight of the Central Operating Unit. We have technical knowledge which we bring to the meetings, along with the historical perspective. We have the time to attend meetings and see no constraints in our participation.

Thank you for your consideration.

Signature:_____ _____

Print: Jeannette Hillery Linda Porter

Date: September 27, 2019

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League of Women Voters ~ Rocky Flats Cold War Museum ~ Rocky Flats Homesteaders
Kim Griffiths

Membership Application, 2020-2021

Background

The Rocky Flats Stewardship Council formed in February 2006 to provide ongoing local government and community engagement on the post-closure management of Rocky Flats, the former nuclear weapons plant northwest of Denver. The $7 billion cleanup was completed in October 2005 and represents an important legacy for our communities. Cleanup significantly reduced the many risks. Ongoing management by the Department of Energy (DOE) remains vital to ensuring long-term protection of human health and the environment.

The Stewardship Council is an independent body organized under Colorado law. In late 2004, the United States Congress approved legislation authorizing the creation of Local Stakeholder Organizations (LSO) at Rocky Flats and two sites in Ohio. The Stewardship Council's central focus is serving as the DOE-designated LSO for Rocky Flats. Our mission is to provide continuing local engagement on activities at Rocky Flats regarding long-term stewardship of residual contamination and refuge management. We also track issues related to former site employees, and work with the United States Fish and Wildlife Service on the development and management of the Rocky Flats National Wildlife Refuge.

The Stewardship Council Board of Directors includes elected officials from ten local governments neighboring Rocky Flats, and up to four non-governmental parties. The current membership is listed on the masthead (see above).

In Fall 2019, the member governments will appoint members to two of the four non-governmental seats. Terms start at the February 2020 meeting and run for two years.

Membership

In determining membership, the Stewardship Council is committed to balancing those with knowledge of Rocky Flats with adding new perspectives and engaging new constituencies. In 2005, following the passage of the LSO legislation, DOE identified the following characteristics to guide membership of the non-governmental members:

1. Impacted by and interested in a majority of the scope topic areas of the Stewardship Council
2. Willingness to invest time and energy on all of the topic areas
3. Some familiarity with Rocky Flats history, the cleanup process, etc.
4. Represent a broad constituency with a wide diversity of viewpoints
5. Bring new ideas to the table

In developing a broad constituency, there are various potential membership categories:

1. Academic institution
2. Business
3. Former Rocky Flats worker
4. Historic preservation
5. Landowner/asset holder
6. Public interest/environmental group
7. Student
8. Technical expertise
9. Other

Application Deadline: Thursday, October 3, 2019 (email and mail only). Interviews will take place on Monday, October 28, 2019, in the morning.

Provide the following information

Name Rocky Flats Homesteaders
Name of organization represented (if applicable)
Address 9295 W. 90th Circle, Westminster, CO. 80021
Telephone 303-420-7442
Email rfkohler@yahoo.com
Title (if applicable) Secretary/Communications
Membership category Former Rocky Flats workers
Number of individuals/groups your organization represents 1,200

Address the following questions

1. Time Commitment: On average, Board members spend 5-10 hours per month working on Stewardship Council issues. They also attend five Board meetings per year. Board meetings are Monday mornings from 8:30 – 11:30 AM. Members who lack a solid foundation on Rocky Flats issues will likely need to spend time developing a strong foundation on the history of the site, cleanup, and monitoring activities since closure in 2006.

   Questions to answer:
   a. How much time will you/your organization be able to commit towards this effort?
   b. Are there any time constraints you/your organization may face?

   Please explain.

2. Assignment of Director and Alternate Director(s): Meeting attendance is vitally important so each organization must appoint a Director, and up to two Alternate Directors to serve in the absence of the Director.

   Information Need: If you are applying on behalf of an organization, please indicate who will serve as the Director and Alternate Director(s)? Attach a short bio for each person.

   Persons applying for membership as individuals are not permitted to appoint Alternate Directors. Please attach a short bio.

3. Statement of Interest: Write a statement explaining your organization's interest/individual interest in serving, and membership category. Please discuss any relevant experience, education, expertise, or special skills that would serve the Stewardship Council's mission, including any Rocky Flats experience.

4. Conflict of Interest Statement: To maintain public trust and accountability, all applicants must identify any conflict of interest or a potential conflict of interest. "Conflict of interest" is broadly defined as (1) having a direct financial interest in any issue related to the management of Rocky Flats, and/or (2) currently being engaged in a lawsuit against the Department of Energy, the Department of the Interior, Jefferson County, Boulder County, the City and County of Broomfield, the cities of Arvada, Boulder, Golden, Northglenn, Thornton, and Westminster, or the Town of Superior.

   Information Need: Please list any such conflicts or potential conflicts.

Roman Kohler
Signature

Kathleen Bachelle
Kathleen Bachelle
Signature*

Roman Kohler 9/9/19
Print name/date

Kathleen Bachelle 9/11/19
Print name/date

*If you are submitting the application on behalf of an organization, both the Director and one Alternate Director must sign the application.

If you have any questions, please contact:
David Abelson
Executive Director, Rocky Flats Stewardship Council
(303) 412-1200
dabelson@rockyflatssc.org

Statement of Interest:
The Rocky Flats Homesteaders isa social organization chartered to foster continuing fellowship and a spirt of mutual helpfulness and retirement satisfaction.
The Homesteaders is open to all former workers from the Rocky Flats plant. The Homesteader Newsletter, sent to all dues paying members 4 times a year provides information about retirement and benefit issues of interest to its members, which presently total 1,200.
The retention of retirement and benefits promised by Rocky Flats contractors and the Department of Energy is an important function of the Homesteaders.
Membership on the Stewardship Council would provide a voice to local government officials in support of promises to former workers. Roman's long term working history especially during the production years at Rocky Flats would provide a resource to other members of the Council.

Bios for membership in the Rocky Flats Stewardship Council.
Roman F. Kohler Director
Kathleen Bacheller Alternate Director

Roman Kohler
Roman is a 27-year veteran of Rocky Flats 1968 to 1995.
He has worked as an hourly Steelworker and in management as a salaried manager.
He is a board member of the Rocky Flats Homesteadersand also a board member of the Rocky Flats Retired and Disabled Workers Benefits Information and Protection Committee, a committee chartered to follow any changes to retiree benefits, health or retirement plans, and to campaign for security of retiree benefits.
He is the editor and distributor of the Rocky Flats Homesteaders Newsletter. The newsletter is distributed to the 1,200 dues paying members of the Homesteaders. The Newsletter is distributed four times a year and is the primary communication to retirees living throughout the United States and abroad.
He has been the designated representative for retirees from the Rocky Flats Plant both hourly and salary.

Kathleen Bacheller
Kathleen is a 10-year veteran of Rocky Flats.
She has been a board member of the Rocky Flats Homesteader since February 2006.
She has served as alternate director for the Homesteaders since 2008.

Appendix

- Meeting Protocols
- Acronym List

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League of Women Voters ~ Rocky Flats Cold War Museum ~ Rocky Flats Homesteaders
Kim Griffiths

Rocky Flats Stewardship Council – Meeting Overview and Protocols

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

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

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

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

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

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

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

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

Rocky Flats Acronym List
Prepared for the Rocky Flats Stewardship Council
Rev. 05/19

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

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

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

Acronym or Term	Means	Definition
LMPIP	Legacy Management Public Involvement Plan	A plan that follows DOE and EPA guidance on public participation and outlines the methods of public involvement and communication used to inform the public of site conditions and activities. It was previously known as the Post-Closure Public Involvement Plan (PCPIP).
O&M/OM&M	Operations, monitoring, and maintenance	Term that describes ongoing activities at Rocky Flats.
MOU	Memorandum of Understanding	The formal agreement between EPA and CDPHE specifying that CDPHE is the lead post-closure regulatory agency with EPA providing assistance when needed.
MSPTS	Mound Site Plume Treatment System	The remediation system in place that is designed to treat groundwater contaminated with organic solvents emanating from the Mound Site (a portion of Rocky Flats where waste barrels were buried). Treated effluent flows into South Walnut Creek.
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.
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.

Acronym or Term	Means	Definition
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.
RFSOG	Rocky Flats Site Operations Guide	The nuts-and-bolt guide for post-closure site activities performed by DOE and its contractors.

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

Acronym or Term	Means	Definition
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.
WCRA (or "the Authority")	Woman Creek Reservoir Authority	The group composed the cities of Westminster, Northglenn, and Thornton. These cities use Standley Lake as part of their drinking water supply network. Surface water from Rocky Flats formerly flowed through Woman Creek to Standley Lake, but the Woman Creek Reservoir was constructed to sever that connection. The Authority has an operations agreement with DOE to manage the Woman Creek Reservoir.
WQCC	Water Quality Control Commission	State board within CDPHE tasked with overseeing water quality issues throughout the state. DOE has petitioned the WQCC several times in the last few years regarding water quality issues.
WRW	Wildlife Refuge Worker	User scenario on which exposure risks are calculated.
ZVI	zero valent iron	A type of fine iron particles formerly used to treat VOCs in the ETPTS and MSPTS.