LMS/RFS/48396

Rocky Flats Site, Colorado, Surface Water Configuration Adaptive Management Plan Quarterly Report

Second Quarter Calendar Year 2024

July 2024

U.S. DEPARTMENT OF ENERGY | Legacy Management

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Abbreviations

AMP	Adaptive Management Plan
COU	Central Operable Unit
CY	calendar year
DOE	U.S. Department of Energy
EA	Environmental Assessment
POC	Point of Compliance

1.0 Introduction

The Proposed Action assessed in the *Rocky Flats Site, Colorado, Surface Water Configuration Environmental Assessment* (DOE 2011), hereafter referred to as the Environmental Assessment (EA), is to breach the remaining retention pond dams at the Rocky Flats Site, Colorado, to allow surface water flow to return to the approximate conditions that prevailed before the retention ponds were constructed. As stated in the EA, based on extensive water quality monitoring data and a thorough environmental review, the U.S. Department of Energy (DOE) Office of Legacy Management has determined that the Proposed Action does not present a significant impact on the environment under the National Environmental Policy Act evaluation criteria.

Some members of the public have commented that additional information should be collected before implementing the final steps of the Proposed Action to help reduce uncertainty about whether completion of the Proposed Action will adversely impact the quality of water flowing from the Site into downstream community watersheds. In response to the requests, DOE initiated a cooperative effort with neighboring community representatives and other interested stakeholders to develop and implement an Adaptive Management Plan (AMP) to provide additional information. The AMP group is composed of these representatives and stakeholders. The resulting AMP, the *Surface Water Configuration Adaptive Management Plan for the Rocky Flats Site, Colorado* (DOE 2023), first published in 2011, reflects DOE's long-term commitment to implementing the activities presented in the AMP.

The AMP provides for a monitoring and data evaluation program to assist in deciding when to implement the final steps of the Proposed Action, which include breaching the terminal dams. The terminal dams will be operated in a flow-through condition until the completion of the Proposed Action, which will provide data similar to what can be expected postbreach. In addition to the monitoring program, the AMP identifies certain performance indicators that DOE will consider in deciding whether to adjust the time frame for completing the Proposed Action.

This AMP Quarterly Report for the second quarter of calendar year (CY) 2024 is provided in accordance with Section 5.0, "Reporting," of the AMP. Section 3.0 of this report describes the second quarter data summary tables, which include all validated analytical data for the AMP monitoring objectives that were available as of June 30, 2024. Subsequent AMP reports will include data that were not tabulated in previous AMP reports.

AMP monitoring objectives, locations, and sampling criteria are itemized in Table 2 of the AMP. Additional field implementation for the AMP monitoring objectives can be found in the *Additional Field Implementation Detail for Selected Monitoring Objectives at the Rocky Flats Site, Colorado* (DOE 2022).

This report routinely includes analytical data for the following AMP monitoring objectives:

- Predischarge sampling (Item 1, AMP Table 2)
- Targeted groundwater monitoring (Item 2, AMP Table 2)
- Monitoring to evaluate flow-through operations at terminal Ponds A-4, B-5, and C-2 (Item 4, AMP Table 2)
- Storm-event monitoring (Item 5, AMP Table 2)

- Continuous flow-paced composite sampling to evaluate uranium transport (Item 6, AMP Table 2)
- Grab sampling for uranium in North and South Walnut Creeks (Item 7, AMP Table 2)
- Grab sampling for nitrate + nitrite as nitrogen in North Walnut Creek (Item 8, AMP Table 2)

2.0 AMP Highlights: Second Quarter CY 2024

- Six informal emails were transmitted to AMP participants providing notification that composite samples had been retrieved from the Points of Compliance (POCs): Woman Creek at the Central Operable Unit (COU) boundary and Walnut Creek at the COU boundary.
- Four informal emails were transmitted to AMP participants providing notification that recent analytical data from the POCs had been validated and would soon be available through the Geospatial Environmental Mapping System (GEMS).
- Two informal emails were transmitted to AMP participants providing notification of individual analytical results from POCs and Points of Evaluation that were above the applicable surface water standard in Attachment 2, Table 1, in the *Rocky Flats Legacy Management Agreement* (CDPHE et al. 2007), which was revised in 2018.
- During the quarter, 84 samples were collected in support of AMP monitoring objectives.

3.0 Analytical Data: Second Quarter CY 2024

Analytical data for the second quarter of CY 2024 are provided in Tables 1 and 2 (at the end of this report). Table 1 provides the analytical results, and Table 2 lists the water sampling events during the quarter.

4.0 References

CDPHE (Colorado Department of Public Health and Environment), DOE (U.S. Department of Energy), and EPA (U.S. Environmental Protection Agency), 2007. *Rocky Flats Legacy Management Agreement*, executed on March 14, Attachment 2 updated December 2018.

DOE (U.S. Department of Energy), 2011. *Rocky Flats Site, Colorado, Surface Water Configuration Environmental Assessment*, DOE/EA-1747, LMS/RFS/S06335, Office of Legacy Management, May.

DOE (U.S. Department of Energy), 2022. *Additional Field Implementation Detail for Selected Monitoring Objectives at the Rocky Flats Site, Colorado*, LMS/RFS/S08202, Office of Legacy Management, September.

DOE (U.S. Department of Energy), 2023. *Surface Water Configuration Adaptive Management Plan for the Rocky Flats Site, Colorado*, LMS/RFS/S07698, Office of Legacy Management, September.

Table 1. Analytical Results for Water Samples

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS Registry Number	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
A1EFF	SL	2/14/24	RFS01-04.2402129-004	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	12	mg/L		F	0.44			G	STD
A1EFF	SL	2/28/24	RFS01-04.2402130-004	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	5.7	mg/L		F	0.88			G	STD
A1EFF	SL	2/28/24	RFS01-04.2402130-004	7440-61-1	Uranium	N	35	ug/L		F	0.03			G	STD
A1EFF	SL	3/12/24	RFS01-06.2403029-002	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	3.6	mg/L		F	0.088			G	STD
A1EFF	SL	3/27/24	RFS01-05.2403054-005	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	3.4	mg/L		F	0.088			G	STD
A1EFF	SL	3/27/24	RFS01-05.2403054-005	7440-61-1	Uranium	N	4.9	ug/L		F	0.03			G	STD
A1EFF	SL	5/2/24	RFS01-04.2405132-004	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	4.5	mg/L		F	0.088			G	STD
A1EFF	SL	5/2/24	RFS01-04.2405132-004	7440-61-1	Uranium	N	7.4	ug/L		F	0.03			G	STD
A2EFF	SL	2/28/24	RFS01-04.2402130-005	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	5.3	mg/L		F	0.44			G	STD
A2EFF	SL	2/28/24	RFS01-04.2402130-005	7440-61-1	Uranium	N	35	ug/L		F	0.03			G	STD
A2EFF	SL	3/12/24	RFS01-06.2403029-003	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	0.076	mg/L		F	0.044			G	STD
A2EFF	SL	3/27/24	RFS01-05.2403054-006	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	3.4	mg/L		F	0.088			G	STD
A2EFF	SL	3/27/24	RFS01-05.2403054-006	7440-61-1	Uranium	N	5.9	ug/L		F	0.03			G	STD
A2EFF	SL	5/2/24	RFS01-04.2405132-005	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	3.8	mg/L		F	0.088			G	STD
A2EFF	SL	5/2/24	RFS01-04.2405132-005	7440-61-1	Uranium	N	8.3	ug/L		F	0.03			G	STD
A3EFF	SL	3/27/24	RFS01-05.2403054-007	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	3.9	mg/L		F	0.088			G	STD
A3EFF	SL	3/27/24	RFS01-05.2403054-007	7440-61-1	Uranium	N	6.7	ug/L		F	0.03			G	STD
A3EFF	SL	5/2/24	RFS01-04.2405132-006	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	2.5	mg/L		F	0.044			G	STD
A3EFF	SL	5/2/24	RFS01-04.2405132-006	7440-61-1	Uranium	N	8.8	ug/L		F	0.03			G	STD
B3OUTFLOW	SL	2/28/24	RFS01-04.2402130-007	7440-61-1	Uranium	N	31	ug/L		F	0.03			G	STD
B3OUTFLOW	SL	3/27/24	RFS01-05.2403054-010	7440-61-1	Uranium	N	10	ug/L		F	0.03			G	STD
B3OUTFLOW	SL	5/2/24	RFS01-04.2405132-007	7440-61-1	Uranium	N	14	ug/L		F	0.03			G	STD
B5INFLOW	SL	1/3/24	RFS01-02.2403058-003	7440-61-1	Uranium	N	23	ug/L		F	0.03			C	STD
B5INFLOW	SL	2/28/24	RFS01-04.2402130-008	7440-61-1	Uranium	N	20	ug/L		F	0.03			G	STD
B5INFLOW	SL	3/5/24	RFS01-05.2403053-008	7440-61-1	Uranium	N	11	ug/L		F	0.03			C	STD
B5INFLOW	SL	3/21/24	RFS01-06.2404031-006	7440-61-1	Uranium	N	11	ug/L	*	F	0.03			C	STD
B5INFLOW	SL	3/27/24	RFS01-05.2403054-011	7440-61-1	Uranium	N	12	ug/L		F	0.03			G	STD
B5INFLOW	SL	3/27/24	RFS01-06.2404033-006	7440-61-1	Uranium	N	15	ug/L		F	0.03			C	STD
B5INFLOW	SL	5/2/24	RFS01-04.2405132-008	7440-61-1	Uranium	N	12	ug/L		F	0.03			G	STD
GS08	SL	1/3/24	RFS01-13.2403114-003	14596-10-2	Americium-241	N	0.00446	pCi/L	U	F		0.0062		C	GEN
GS08	SL	1/3/24	RFS01-13.2403114-004	14596-10-2	Americium-241	N	0.00211	pCi/L	U	D		0.00507		C	GEN
GS08	SL	1/3/24	RFS01-13.2403114-003	PU-239,240	Plutonium-239, 240	N	0.00843	pCi/L	U	F		0.00916		C	GEN
GS08	SL	1/3/24	RFS01-13.2403114-004	PU-239,240	Plutonium-239, 240	N	0.00599	pCi/L	U	D		0.0102		C	GEN
GS08	SL	1/3/24	RFS01-13.2403114-003	7440-61-1	Uranium	N	11	ug/L		F	0.067			C	GEN
GS08	SL	1/3/24	RFS01-13.2403114-004	7440-61-1	Uranium	N	11.3	ug/L		D	0.067			C	GEN
GS08	SL	3/21/24	RFS01-05.2403055-003	14596-10-2	Americium-241	N	0.0012	pCi/L	U	F		0.00525		C	GEN
GS08	SL	3/21/24	RFS01-05.2403055-003	PU-239,240	Plutonium-239, 240	N	0.011	pCi/L	U	F		0.00811		C	GEN
GS08	SL	3/21/24	RFS01-05.2403055-003	7440-61-1	Uranium	N	10	ug/L		F	0.067			C	GEN
GS08	SL	3/27/24	RFS01-05.2403054-012	7440-61-1	Uranium	N	11	ug/L		F	0.03			G	STD
GS08	SL	3/27/24	RFS01-05.2404056-003	14596-10-2	Americium-241	N	0.00682	pCi/L	U	F		0.00774		C	GEN
GS08	SL	3/27/24	RFS01-05.2404056-003	PU-239,240	Plutonium-239, 240	N	0.0111	pCi/L	U	F		0.00734		C	GEN
GS08	SL	3/27/24	RFS01-05.2404056-003	7440-61-1	Uranium	N	10.8	ug/L		F	0.067			C	GEN
GS08	SL	5/2/24	RFS01-04.2405132-010	7440-61-1	Uranium	N	8.8	ug/L		F	0.03			G	STD
GS10	SL	2/28/24	RFS01-04.2402130-011	7440-61-1	Uranium	N	18	ug/L		F	0.03			G	STD
GS10	SL	3/27/24	RFS01-05.2403054-009	7440-61-1	Uranium	N	9.8	ug/L		F	0.03			G	STD
GS10	SL	5/2/24	RFS01-04.2405132-011	7440-61-1	Uranium	N	15	ug/L		F	0.03			G	STD
GS11	SL	6/29/23	RFS01-13.2403114-007	14596-10-2	Americium-241	N	0.0112	pCi/L	HU	F		0.00826		C	GEN
GS11	SL	6/29/23	RFS01-13.2403114-007	PU-239,240	Plutonium-239, 240	N	0.00464	pCi/L	HU	F		0.0101		C	GEN
GS11	SL	6/29/23	RFS01-13.2403114-007	7440-61-1	Uranium	N	9.65	ug/L	H	F	0.067			C	GEN
GS11	SL	3/20/24	RFS01-13.2403114-001	14596-10-2	Americium-241	N	0.01	pCi/L	U	F		0.00852		C	GEN
GS11	SL	3/20/24	RFS01-13.2403114-001	PU-239,240	Plutonium-239, 240	N	0.0253	pCi/L		F		0.0137	J	C	GEN
GS11	SL	3/20/24	RFS01-13.2403114-001	7440-61-1	Uranium	N	7.73	ug/L		F	0.067			C	GEN
GS11	SL	3/20/24	RFS01-13.2403112-002	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	2.2	mg/L	B	F	0.088		J	G	STD
GS11	SL	3/22/24	RFS01-05.2403055-004	14596-10-2	Americium-241	N	0.0154	pCi/L	U	F		0.0113		C	GEN
GS11	SL	3/22/24	RFS01-05.2403055-004	PU-239,240	Plutonium-239, 240	N	0.00956	pCi/L	U	F		0.012		C	GEN
GS11	SL	3/22/24	RFS01-05.2403055-004	7440-61-1	Uranium	N	7.62	ug/L		F	0.067			C	GEN
GS11	SL	3/22/24	RFS01-05.2403053-006	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	2.8	mg/L		F	0.088			G	STD
GS11	SL	3/27/24	RFS01-05.2404056-004	14596-10-2	Americium-241	N	0.00236	pCi/L	U	F		0.00732		C	GEN
GS11	SL	3/27/24	RFS01-05.2404056-004	PU-239,240	Plutonium-239, 240	N	0.013	pCi/L	U	F		0.00906		C	GEN
GS11	SL	3/27/24	RFS01-05.2404056-004	7440-61-1	Uranium	N	8.17	ug/L		F	0.067			C	GEN
GS11	SL	3/27/24	RFS01-05.2403054-008	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	3.3	mg/L		F	0.044			G	STD
GS11	SL	3/27/24	RFS01-05.2403054-008	7440-61-1	Uranium	N	7.9	ug/L		F	0.03			G	STD
GS11	SL	4/25/24	RFS01-02.2404060-003	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	0.98	mg/L		F	0.044			G	STD
GS11	SL	4/28/24	RFS01-02.2404060-002	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	1.7	mg/L		F	0.044			G	STD

Table 1. Analytical Results for Water Samples

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS Registry Number	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
GS11	SL	5/2/24	RFS01-04.2405132-012	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	1.9	mg/L		F	0.044			G	STD
GS11	SL	5/2/24	RFS01-04.2405132-012	7440-61-1	Uranium	N	7.1	ug/L		F	0.03			G	STD
GS12	SL	1/3/24	RFS01-05.2403053-009	7440-61-1	Uranium	N	10	ug/L		F	0.03			C	STD
GS12	SL	3/21/24	RFS01-06.2404031-001	7440-61-1	Uranium	N	7.4	ug/L	*	F	0.03			C	STD
GS12	SL	3/27/24	RFS01-05.2404056-006	7440-61-1	Uranium	N	8.96	ug/L		F	0.067			C	GEN
GS12	SL	4/9/24	RFS01-06.2404033-008	7440-61-1	Uranium	N	16	ug/L		F	0.03			C	STD
GS13	SL	2/14/24	RFS01-04.2402129-013	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	8.4	mg/L		F	0.44			G	STD
GS13	SL	2/28/24	RFS01-04.2402130-013	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	14	mg/L		F	0.88			G	STD
GS13	SL	2/28/24	RFS01-04.2402130-013	7440-61-1	Uranium	N	36	ug/L		F	0.03			G	STD
GS13	SL	3/12/24	RFS01-06.2403029-001	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	19	mg/L		D	0.88		J	G	STD
GS13	SL	3/12/24	RFS01-06.2403029-011	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	12	mg/L		F	0.88		J	G	STD
GS13	SL	3/27/24	RFS01-05.2403054-004	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	6.5	mg/L		F	0.22			G	STD
GS13	SL	3/27/24	RFS01-05.2403054-004	7440-61-1	Uranium	N	6.1	ug/L		F	0.03			G	STD
GS13	SL	5/2/24	RFS01-04.2405132-013	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	8.3	mg/L		F	0.44			G	STD
GS13	SL	5/2/24	RFS01-04.2405132-013	7440-61-1	Uranium	N	9	ug/L		F	0.03			G	STD
GS31	SL	1/2/24	RFS01-05.2401052-007	14596-10-2	Americium-241	N	0.00484	pCi/L	U	F		0.00838		C	GEN
GS31	SL	1/2/24	RFS01-05.2401052-007	PU-239,240	Plutonium-239, 240	N	0.00906	pCi/L	U	F		0.0128		C	GEN
GS31	SL	1/2/24	RFS01-05.2401052-007	7440-61-1	Uranium	N	8.23	ug/L		F	0.067		J	C	GEN
GS31	SL	1/24/24	RFS01-13.2402108-010	14596-10-2	Americium-241	N	0.00354	pCi/L	U	F		0.00694		C	GEN
GS31	SL	1/24/24	RFS01-13.2402108-010	PU-239,240	Plutonium-239, 240	N	0.00828	pCi/L	U	F		0.00814		C	GEN
GS31	SL	1/24/24	RFS01-13.2402108-010	7440-61-1	Uranium	N	7.77	ug/L		F	0.067			C	GEN
GS31	SL	2/14/24	RFS01-13.2403110-010	14596-10-2	Americium-241	N	0.0058	pCi/L	U	F		0.00939		C	GEN
GS31	SL	2/14/24	RFS01-13.2403110-010	PU-239,240	Plutonium-239, 240	N	0.00324	pCi/L	U	F		0.00763		C	GEN
GS31	SL	2/14/24	RFS01-13.2403110-010	7440-61-1	Uranium	N	7.23	ug/L		F	0.067			C	GEN
GS31	SL	3/11/24	RFS01-13.2403111-010	14596-10-2	Americium-241	N	0.00831	pCi/L	U	F		0.00702		G	GEN
GS31	SL	3/11/24	RFS01-13.2403111-010	PU-239,240	Plutonium-239, 240	N	0.00681	pCi/L	U	F		0.00803		G	GEN
GS31	SL	3/11/24	RFS01-13.2403111-010	7440-61-1	Uranium	N	6.69	ug/L		F	0.067			G	GEN
GS31	SL	3/18/24	RFS01-05.2404056-001	14596-10-2	Americium-241	N	0	pCi/L	U	D		0.0071		C	GEN
GS31	SL	3/18/24	RFS01-05.2404056-007	14596-10-2	Americium-241	N	0.00479	pCi/L	U	F		0.00744		C	GEN
GS31	SL	3/18/24	RFS01-05.2404056-001	PU-239,240	Plutonium-239, 240	N	0.0216	pCi/L	U	D		0.0123		C	GEN
GS31	SL	3/18/24	RFS01-05.2404056-007	PU-239,240	Plutonium-239, 240	N	0.00816	pCi/L	U	F		0.00697		C	GEN
GS31	SL	3/18/24	RFS01-05.2404056-001	7440-61-1	Uranium	N	6.38	ug/L		D	0.067			C	GEN
GS31	SL	3/18/24	RFS01-05.2404056-007	7440-61-1	Uranium	N	6.21	ug/L		F	0.067			C	GEN
GS31	SL	4/27/24	RFS01-02.2404060-007	TSS	Total Suspended Solids	N	6.4	mg/L	J	F	2			C	STD
SPOUT	TS	2/14/24	RFS01-04.2402129-015	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	0.044	mg/L	U	F	0.044			G	STD
SPOUT	TS	2/28/24	RFS01-04.2402130-015	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	0.044	mg/L	U	F	0.044			G	STD
SPOUT	TS	2/28/24	RFS01-04.2402130-015	7440-61-1	Uranium	N	58	ug/L		F	0.03			G	STD
SPOUT	TS	3/12/24	RFS01-06.2403029-013	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	0.044	mg/L	U	F	0.044			G	STD
SPOUT	TS	3/27/24	RFS01-05.2403054-002	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	0.045	mg/L	J	F	0.044			G	STD
SPOUT	TS	3/27/24	RFS01-05.2403054-002	7440-61-1	Uranium	N	32	ug/L	B	F	0.03			G	STD
SPOUT	TS	5/2/24	RFS01-04.2405132-015	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	0.044	mg/L	U	F	0.044			G	STD
SPOUT	TS	5/2/24	RFS01-04.2405132-015	7440-61-1	Uranium	N	53	ug/L		F	0.03			G	STD
SW093	SL	2/14/24	RFS01-04.2402129-016	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	0.48	mg/L		F	0.044			G	STD
SW093	SL	2/28/24	RFS01-04.2402130-016	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	2.3	mg/L		F	0.088			G	STD
SW093	SL	2/28/24	RFS01-04.2402130-016	7440-61-1	Uranium	N	5.2	ug/L		F	0.03			G	STD
SW093	SL	3/12/24	RFS01-06.2403029-014	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	0.21	mg/L		F	0.044			G	STD
SW093	SL	3/27/24	RFS01-05.2403054-003	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	6.9	mg/L		F	0.088			G	STD
SW093	SL	3/27/24	RFS01-05.2403054-003	7440-61-1	Uranium	N	6.8	ug/L		F	0.03			G	STD
SW093	SL	5/2/24	RFS01-04.2405132-016	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	8.3	mg/L		F	0.44			G	STD
SW093	SL	5/2/24	RFS01-04.2405132-016	7440-61-1	Uranium	N	8.2	ug/L		F	0.03			G	STD
WALPOC	SL	1/3/24	RFS01-13.2403111-005	14596-10-2	Americium-241	N	0.00462	pCi/L	U	F		0.00556		G	GEN
WALPOC	SL	1/3/24	RFS01-13.2403111-005	PU-239,240	Plutonium-239, 240	N	-0.00222	pCi/L	U	F		0.00689		G	GEN
WALPOC	SL	1/3/24	RFS01-13.2403111-005	7440-61-1	Uranium	N	7.55	ug/L		F	0.067			G	GEN
WALPOC	SL	3/18/24	RFS01-06.2403030-005	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	0.13	mg/L	B	F	0.044		U	G	STD
WALPOC	SL	3/19/24	RFS01-13.2403113-004	14596-10-2	Americium-241	N	0.00691	pCi/L	U	F		0.00716		C	GEN
WALPOC	SL	3/19/24	RFS01-13.2403113-004	PU-239,240	Plutonium-239, 240	N	0.0183	pCi/L	U	F		0.0145		C	GEN
WALPOC	SL	3/19/24	RFS01-13.2403113-004	7440-61-1	Uranium	N	8.61	ug/L		F	0.067			C	GEN
WALPOC	SL	3/19/24	RFS01-06.2403030-006	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	0.52	mg/L	B	F	0.044			G	STD
WALPOC	SL	3/20/24	RFS01-13.2403112-016	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	0.98	mg/L	B	F	0.044			G	STD
WALPOC	SL	3/20/24	RFS01-13.2403113-005	14596-10-2	Americium-241	N	0.00139	pCi/L	U	F		0.00608		C	GEN
WALPOC	SL	3/20/24	RFS01-13.2403113-005	PU-239,240	Plutonium-239, 240	N	0.0141	pCi/L	U	F		0.00934		C	GEN
WALPOC	SL	3/20/24	RFS01-13.2403113-005	7440-61-1	Uranium	N	7.27	ug/L		F	0.067			C	GEN
WALPOC	SL	3/24/24	RFS01-13.2403115-001	14596-10-2	Americium-241	N	0.00206	pCi/L	U	D		0.00496		C	GEN
WALPOC	SL	3/24/24	RFS01-13.2403115-016	14596-10-2	Americium-241	N	0.00444	pCi/L	U	F		0.00688		C	GEN

Table 1. Analytical Results for Water Samples

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS Registry Number	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
WALPOC	SL	3/24/24	RFS01-13.2403115-001	PU-239,240	Plutonium-239, 240	N	0.0132	pCi/L	U	D		0.00871		C	GEN
WALPOC	SL	3/24/24	RFS01-13.2403115-016	PU-239,240	Plutonium-239, 240	N	0.00768	pCi/L	U	F		0.00889		C	GEN
WALPOC	SL	3/24/24	RFS01-13.2403115-001	7440-61-1	Uranium	N	9.09	ug/L		D	0.067			C	GEN
WALPOC	SL	3/24/24	RFS01-13.2403115-016	7440-61-1	Uranium	N	9.02	ug/L		F	0.067			C	GEN
WALPOC	SL	3/24/24	RFS01-05.2403053-004	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	0.83	mg/L		F	0.044			G	STD
WALPOC	SL	3/28/24	RFS01-13.2404117-016	14596-10-2	Americium-241	N	0.00455	pCi/L	U	F		0.00892		C	GEN
WALPOC	SL	3/28/24	RFS01-05.2403054-013	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	1.7	mg/L		F	0.044			G	STD
WALPOC	SL	3/28/24	RFS01-13.2404117-016	PU-239,240	Plutonium-239, 240	N	0.0135	pCi/L	U	F		0.0125		C	GEN
WALPOC	SL	3/28/24	RFS01-13.2404117-016	7440-61-1	Uranium	N	9.81	ug/L		F	0.067			C	GEN
WALPOC	SL	4/9/24	RFS01-13.2404118-016	14596-10-2	Americium-241	N	0.00444	pCi/L	U	F		0.00755		C	GEN
WALPOC	SL	4/9/24	RFS01-13.2404118-016	PU-239,240	Plutonium-239, 240	N	-0.00359	pCi/L	U	F		0.00964		C	GEN
WALPOC	SL	4/9/24	RFS01-13.2404118-016	7440-61-1	Uranium	N	12.6	ug/L		F	0.067			C	GEN
WALPOC	SL	4/23/24	RFS01-13.2404119-001	14596-10-2	Americium-241	N	0.0177	pCi/L	U	F		0.013		C	GEN
WALPOC	SL	4/23/24	RFS01-13.2404119-001	PU-239,240	Plutonium-239, 240	N	0.025	pCi/L		F		0.0119	J	C	GEN
WALPOC	SL	4/23/24	RFS01-13.2404119-001	7440-61-1	Uranium	N	8.28	ug/L		F	0.067			C	GEN
WALPOC	SL	4/23/24	RFS01-06.2404033-015	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	0.48	mg/L		F	0.044			G	STD
WALPOC	SL	4/27/24	RFS01-02.2404060-001	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	0.64	mg/L		F	0.044			G	STD
WALPOC	SL	4/27/24	RFS01-13.2404119-002	14596-10-2	Americium-241	N	0.00923	pCi/L	U	F		0.00961		C	GEN
WALPOC	SL	4/27/24	RFS01-13.2404119-002	PU-239,240	Plutonium-239, 240	N	0.0424	pCi/L		F		0.0162	J	C	GEN
WALPOC	SL	4/27/24	RFS01-13.2404119-002	7440-61-1	Uranium	N	7.04	ug/L		F	0.067			C	GEN
WALPOC	SL	4/29/24	RFS01-02.2404060-005	NO3+NO2 AS N	Nitrate + Nitrite as Nitroge	N	0.5	mg/L		F	0.044			G	STD
WOMPOC	SL	1/2/24	RFS01-13.2402108-018	14596-10-2	Americium-241	N	0.0038	pCi/L	U	F		0.00528		C	GEN
WOMPOC	SL	1/2/24	RFS01-13.2402108-018	PU-239,240	Plutonium-239, 240	N	0.00701	pCi/L	U	F		0.0071		C	GEN
WOMPOC	SL	1/2/24	RFS01-13.2402108-018	7440-61-1	Uranium	N	2.67	ug/L		F	0.067			C	GEN
WOMPOC	SL	2/21/24	RFS01-13.2403110-001	14596-10-2	Americium-241	N	0.00109	pCi/L	U	D		0.00564		C	GEN
WOMPOC	SL	2/21/24	RFS01-13.2403110-002	14596-10-2	Americium-241	N	0.00334	pCi/L	U	F		0.00655		C	GEN
WOMPOC	SL	2/21/24	RFS01-13.2403110-001	PU-239,240	Plutonium-239, 240	N	0.00381	pCi/L	U	D		0.00748		C	GEN
WOMPOC	SL	2/21/24	RFS01-13.2403110-002	PU-239,240	Plutonium-239, 240	N	0.00119	pCi/L	U	F		0.00698		C	GEN
WOMPOC	SL	2/21/24	RFS01-13.2403110-001	7440-61-1	Uranium	N	2.29	ug/L		D	0.067			C	GEN
WOMPOC	SL	2/21/24	RFS01-13.2403110-002	7440-61-1	Uranium	N	2.31	ug/L		F	0.067			C	GEN
WOMPOC	SL	3/11/24	RFS01-13.2403111-003	14596-10-2	Americium-241	N	0.00481	pCi/L	U	F		0.00818		G	GEN
WOMPOC	SL	3/11/24	RFS01-13.2403111-003	PU-239,240	Plutonium-239, 240	N	0.00472	pCi/L	U	F		0.00615		G	GEN
WOMPOC	SL	3/11/24	RFS01-13.2403111-003	7440-61-1	Uranium	N	1.87	ug/L		F	0.067			G	GEN
WOMPOC	SL	3/18/24	RFS01-13.2403113-007	14596-10-2	Americium-241	N	-5.23E-10	pCi/L	U	F		0.0058		C	GEN
WOMPOC	SL	3/18/24	RFS01-13.2403113-007	PU-239,240	Plutonium-239, 240	N	0.0178	pCi/L	U	F		0.0103		C	GEN
WOMPOC	SL	3/18/24	RFS01-13.2403113-007	7440-61-1	Uranium	N	1.18	ug/L		F	0.067			C	GEN
WOMPOC	SL	3/21/24	RFS01-13.2403113-008	14596-10-2	Americium-241	N	0.0058	pCi/L	U	F		0.00992		C	GEN
WOMPOC	SL	3/21/24	RFS01-13.2403113-008	PU-239,240	Plutonium-239, 240	N	0.0069	pCi/L	U	F		0.0156		C	GEN
WOMPOC	SL	3/21/24	RFS01-13.2403113-008	7440-61-1	Uranium	N	0.656	ug/L		F	0.067			C	GEN
WOMPOC	SL	3/24/24	RFS01-13.2403115-018	14596-10-2	Americium-241	N	0.00376	pCi/L	U	F		0.00738		C	GEN
WOMPOC	SL	3/24/24	RFS01-13.2403115-018	PU-239,240	Plutonium-239, 240	N	0.00906	pCi/L	U	F		0.00834		C	GEN
WOMPOC	SL	3/24/24	RFS01-13.2403115-018	7440-61-1	Uranium	N	0.682	ug/L		F	0.067			C	GEN
WOMPOC	SL	3/28/24	RFS01-13.2404117-018	14596-10-2	Americium-241	N	0.00975	pCi/L	U	F		0.00831		C	GEN
WOMPOC	SL	3/28/24	RFS01-13.2404117-018	PU-239,240	Plutonium-239, 240	N	0.00293	pCi/L	U	F		0.00814		C	GEN
WOMPOC	SL	3/28/24	RFS01-13.2404117-018	7440-61-1	Uranium	N	0.924	ug/L		F	0.067			C	GEN
WOMPOC	SL	4/9/24	RFS01-13.2404118-018	14596-10-2	Americium-241	N	0	pCi/L	U	F		0.00429		C	GEN
WOMPOC	SL	4/9/24	RFS01-13.2404118-018	PU-239,240	Plutonium-239, 240	N	0.00192	pCi/L	U	F		0.00755		C	GEN
WOMPOC	SL	4/9/24	RFS01-13.2404118-018	7440-61-1	Uranium	N	1.7	ug/L		F	0.067			C	GEN
WOMPOC	SL	4/23/24	RFS01-13.2404119-003	14596-10-2	Americium-241	N	0.00659	pCi/L	U	F		0.0143		C	GEN
WOMPOC	SL	4/23/24	RFS01-13.2404119-003	PU-239,240	Plutonium-239, 240	N	0.0145	pCi/L	U	F		0.0135		C	GEN
WOMPOC	SL	4/23/24	RFS01-13.2404119-003	7440-61-1	Uranium	N	1.35	ug/L		F	0.067			C	GEN
WOMPOC	SL	4/27/24	RFS01-13.2404119-004	14596-10-2	Americium-241	N	-0.0107	pCi/L	U	F		0.0161		C	GEN
WOMPOC	SL	4/27/24	RFS01-13.2404119-005	14596-10-2	Americium-241	N	0.00803	pCi/L	U	D		0.00967		C	GEN

Table 1. Analytical Results for Water Samples

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS Registry Number	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
WOMPOC	SL	4/27/24	RFS01-13.2404119-004	PU-239,240	Plutonium-239, 240	N	0.00803	pCi/L	U	F		0.0158		C	GEN
WOMPOC	SL	4/27/24	RFS01-13.2404119-005	PU-239,240	Plutonium-239, 240	N	0.0251	pCi/L		D		0.0118	J	C	GEN
WOMPOC	SL	4/27/24	RFS01-13.2404119-004	7440-61-1	Uranium	N	0.725	ug/L		F	0.067			C	GEN
WOMPOC	SL	4/27/24	RFS01-13.2404119-005	7440-61-1	Uranium	N	0.733	ug/L		D	0.067			C	GEN

EXPLANATION

FILTRATION STATUS

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

UNITS

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

SAMPLE_TYPE

D = Duplicate
F = Field Sample

DATA_VALIDATION_QUALIFIERS

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

LAB_QUALIFIERS

<blank>	No qualifiers needed for result.
*	Replicate analysis not within control limits.
+	Correlation coefficient for MSA < 0.995.
>	Result above upper detection limit.
A	TIC is a suspected aldol-condensation product.
B	Inorganic: Result is between the IDL and CRDL. Organic & Radiochemistry: Analyte also found in method blank.
C	Pesticide result confirmed by GC-MS.
D	Analyte determined in diluted sample.
E	Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
H	Holding time expired, value suspect.
I	Increased detection limit due to required dilution.
J	Estimated.
M	GFAA duplicate injection precision not met.
N	Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compund (TIC).
P	> 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
S	Result determined by method of standard addition (MSA).
U	Analytical result below detection limit.
W	Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
X	Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
Y	Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
Z	Laboratory defined (USEPA CLP organic) qualifier, see case narrative.

LOCATION_TYPE

SL	SURFACE LOCATION
TS	TREATMENT SYSTEM
WL	WELL

LAB_CODE

GEN	Gel Laboratories
STD	Test America

COLLECTION_METHOD

G	Grab
C	Composite

Table 2. Water Sampling Events: Second Quarter CY 2024

	Sampling Dates		Sample Info			Analytes					Sample Tracking Info
Location Code	Start	End	Collection Method	Type	Filtered	VOC	U	Nitrate	Pu/Am	TSS	Sample ID
GS31	3/18/2024 12:28	4/3/2024 12:43	composite	D	No		X		X		RFS01-05.2404056-001
GS31	3/18/2024 12:28	4/3/2024 12:43	composite	F	No		X		X		RFS01-05.2404056-007
GS11	3/27/2024 10:35	4/3/2024 13:08	composite	F	No		X		X		RFS01-05.2404056-004
GS11	4/3/2024 13:10	4/3/2024 13:10	grab	F	No			X			RFS01-06.2404032-018
GS08	3/27/2024 11:02	4/3/2024 13:17	composite	F	No		X		X		RFS01-05.2404056-003
WOMPOC	3/28/2024 11:19	4/9/2024 10:50	composite	F	No		X		X		RFS01-13.2404117-018
WALPOC	3/28/2024 12:05	4/9/2024 11:16	composite	F	No		X		X		RFS01-13.2404117-016
WALPOC	4/9/2024 11:19	4/9/2024 11:19	grab	F	No			X			RFS01-06.2404032-015
GS12	3/27/2024 12:03	4/9/2024 11:41	composite	F	No		X				RFS01-05.2404056-006
11104	4/15/2024 14:55	4/15/2024 14:55	grab	F	Yes		X				RFS01-03.2404026-091
11104	4/15/2024 14:55	4/15/2024 14:55	grab	F	No	X					RFS01-03.2404026-091
11104	4/15/2024 14:55	4/15/2024 14:55	grab	D	Yes		X				RFS01-03.2404026-095
11104	4/15/2024 14:55	4/15/2024 14:55	grab	D	No	X					RFS01-03.2404026-095
89104	4/16/2024 13:15	4/16/2024 13:15	grab	F	No	X					RFS01-03.2404026-026
10304	4/16/2024 13:55	4/16/2024 13:55	grab	F	Yes		X				RFS01-03.2404026-035
10304	4/16/2024 13:55	4/16/2024 13:55	grab	F	No	X		X			RFS01-03.2404026-035
10304	4/16/2024 13:55	4/16/2024 13:55	grab	D	Yes		X				RFS01-03.2404026-096
10304	4/16/2024 13:55	4/16/2024 13:55	grab	D	No	X		X			RFS01-03.2404026-096
00193	4/16/2024 14:50	4/16/2024 14:50	grab	F	Yes		X				RFS01-03.2404026-036
00193	4/16/2024 14:50	4/16/2024 14:50	grab	F	No	X					RFS01-03.2404026-036
GS11	4/17/2024 11:28	4/17/2024 11:28	grab	F	No			X			RFS01-06.2404032-016
A3EFF	4/17/2024 11:51	4/17/2024 11:51	grab	F	No			X			RFS01-06.2404032-004
B5INFLOW	3/27/2024 12:51	4/17/2024 12:15	composite	F	No		X				RFS01-06.2404033-006
A1EFF	4/17/2024 12:35	4/17/2024 12:35	grab	F	No			X			RFS01-06.2404032-002
A2EFF	4/17/2024 12:40	4/17/2024 12:40	grab	F	No			X			RFS01-06.2404032-003
SW093	4/17/2024 12:52	4/17/2024 12:52	grab	F	No			X			RFS01-06.2404032-014
SPOUT	4/17/2024 12:55	4/17/2024 12:55	grab	F	No			X			RFS01-06.2404032-013
GS13	4/17/2024 13:16	4/17/2024 13:16	grab	F	No			X			RFS01-06.2404032-011
WOMPOC	4/9/2024 10:50	4/23/2024 12:22	composite	F	No		X		X		RFS01-13.2404118-018
GS12	4/9/2024 11:41	4/23/2024 13:00	composite	F	No		X				RFS01-06.2404033-008
WALPOC	4/9/2024 11:16	4/23/2024 13:23	composite	F	No		X		X		RFS01-13.2404118-016
WALPOC	4/23/2024 13:30	4/23/2024 13:30	grab	F	No			X			RFS01-06.2404033-015
42505	4/24/2024 13:35	4/24/2024 13:35	grab	F	No	X					RFS01-03.2404026-061
GS11	4/3/2024 13:08	4/25/2024 10:01	composite	F	No		X		X		RFS01-05.2404057-004
GS11	4/25/2024 10:05	4/25/2024 10:05	grab	F	No			X			RFS01-02.2404060-003
GS08	4/3/2024 13:17	4/25/2024 10:10	composite	F	No		X		X		RFS01-05.2404057-002
WOMPOC	4/23/2024 12:22	4/27/2024 15:43	composite	F	No		X		X		RFS01-13.2404119-003
WALPOC	4/27/2024 16:35	4/27/2024 16:35	grab	F	No			X			RFS01-02.2404060-001
WALPOC	4/23/2024 13:23	4/27/2024 16:45	composite	F	No		X		X		RFS01-13.2404119-001
GS11	4/25/2024 10:01	4/28/2024 11:52	composite	F	No		X		X		RFS01-05.2404057-005
GS11	4/28/2024 11:52	4/28/2024 11:52	grab	F	No			X			RFS01-02.2404060-002
GS08	4/25/2024 10:10	4/28/2024 11:59	composite	F	No		X		X		RFS01-05.2404057-003
GS31	4/3/2024 12:43	4/28/2024 12:14	composite	F	No		X		X		RFS01-05.2404057-007
B5INFLOW	4/17/2024 12:15	4/28/2024 13:02	composite	F	No		X				RFS01-02.2404061-003
GS12	4/23/2024 13:00	4/28/2024 13:16	composite	F	No		X				RFS01-02.2404061-009
GS31	4/27/2024 15:30	4/28/2024 14:30	composite	F	No					X	RFS01-02.2404060-007

Table 2. Water Sampling Events: Second Quarter CY 2024

	Sampling Dates		Sample Info			Analytes					Sample Tracking Info
Location Code	Start	End	Collection Method	Type	Filtered	VOC	U	Nitrate	Pu/Am	TSS	Sample ID
GS31	4/27/2024 15:30	4/28/2024 14:30	composite	F	No		X		X		RFS01-05.2404057-001
GS31	4/27/2024 15:30	4/28/2024 14:30	composite	F	No		X		X		RFS01-05.2404057-008
WOMPOC	4/27/2024 15:43	4/29/2024 12:26	composite	F	No		X		X		RFS01-13.2404119-004
WOMPOC	4/27/2024 15:43	4/29/2024 12:26	composite	D	No		X		X		RFS01-13.2404119-005
WALPOC	4/29/2024 13:55	4/29/2024 13:55	grab	F	No			X			RFS01-02.2404060-005
WALPOC	4/27/2024 16:45	4/29/2024 14:02	composite	F	No		X		X		RFS01-13.2404119-002
00997	4/29/2024 15:15	4/29/2024 15:15	grab	F	Yes		X				RFS01-03.2404026-038
00997	4/29/2024 15:15	4/29/2024 15:15	grab	F	No	X		X			RFS01-03.2404026-038
4087	4/30/2024 11:20	4/30/2024 11:20	grab	F	Yes		X				RFS01-03.2404026-013
4087	4/30/2024 11:20	4/30/2024 11:20	grab	F	No	X		X			RFS01-03.2404026-013
B206989	4/30/2024 11:55	4/30/2024 11:55	grab	F	Yes		X				RFS01-03.2404026-014
B206989	4/30/2024 11:55	4/30/2024 11:55	grab	F	No	X		X			RFS01-03.2404026-014
SW093	5/2/2024 10:15	5/2/2024 10:15	grab	F	No		X	X			RFS01-04.2405132-016
SPOUT	5/2/2024 10:23	5/2/2024 10:23	grab	F	No		X	X			RFS01-04.2405132-015
GS13	5/2/2024 10:35	5/2/2024 10:35	grab	F	No		X	X			RFS01-04.2405132-013
A1EFF	5/2/2024 11:00	5/2/2024 11:00	grab	F	No		X	X			RFS01-04.2405132-004
A2EFF	5/2/2024 11:05	5/2/2024 11:05	grab	F	No		X	X			RFS01-04.2405132-005
A3EFF	5/2/2024 11:30	5/2/2024 11:30	grab	F	No		X	X			RFS01-04.2405132-006
GS11	5/2/2024 12:10	5/2/2024 12:10	grab	F	No		X	X			RFS01-04.2405132-012
GS08	5/2/2024 12:20	5/2/2024 12:20	grab	F	No		X				RFS01-04.2405132-010
B5INFLOW	5/2/2024 12:43	5/2/2024 12:43	grab	F	No		X				RFS01-04.2405132-008
GS10	5/2/2024 13:05	5/2/2024 13:05	grab	F	No		X				RFS01-04.2405132-011
B3OUTFLOW	5/2/2024 13:15	5/2/2024 13:15	grab	F	No		X				RFS01-04.2405132-007
10594	5/2/2024 14:10	5/2/2024 14:10	grab	F	Yes		X				RFS01-03.2404026-071
10594	5/2/2024 14:10	5/2/2024 14:10	grab	F	No	X		X			RFS01-03.2404026-071
WOMPOC	4/29/2024 12:26	5/8/2024 11:40	composite	F	No		X		X		RFS01-13.2405120-018
GS11	5/8/2024 12:12	5/8/2024 12:12	grab	F	No			X			RFS01-04.2405133-012
GS11	4/28/2024 11:52	5/8/2024 12:13	composite	F	No		X		X		RFS01-05.2405058-004
WALPOC	4/29/2024 14:02	5/8/2024 12:36	composite	F	No		X		X		RFS01-13.2405120-016
WALPOC	5/8/2024 12:36	5/8/2024 12:36	grab	F	No			X			RFS01-04.2405133-018
GS08	4/28/2024 11:59	5/8/2024 12:46	composite	F	No		X		X		RFS01-05.2405058-004
GS12	4/28/2024 13:16	5/13/2024 11:31	composite	F	No		X				RFS01-04.2405133-017
B5INFLOW	4/28/2024 13:02	5/13/2024 11:54	composite	F	No		X				RFS01-04.2405133-008
A3EFF	5/14/2024 11:08	5/14/2024 11:08	grab	F	No			X			RFS01-04.2405133-006
A1EFF	5/14/2024 11:33	5/14/2024 11:33	grab	F	No			X			RFS01-04.2405133-004
GS13	5/14/2024 11:35	5/14/2024 11:35	grab	D	No			X			RFS01-04.2405133-001
GS13	5/14/2024 11:35	5/14/2024 11:35	grab	F	No			X			RFS01-04.2405133-019
A2EFF	5/14/2024 11:40	5/14/2024 11:40	grab	F	No			X			RFS01-04.2405133-005
SPOUT	5/14/2024 11:50	5/14/2024 11:50	grab	F	No			X			RFS01-04.2405133-015
SW093	5/14/2024 11:55	5/14/2024 11:55	grab	F	No			X			RFS01-04.2405133-016
WALPOC	5/8/2024 12:36	5/20/2024 15:16	composite	F	No		X		X		RFS01-13.2405121-016
WALPOC	5/20/2024 15:17	5/20/2024 15:17	grab	F	No			X			RFS01-02.2405062-001
WOMPOC	5/8/2024 11:40	5/20/2024 16:45	composite	F	No		X		X		RFS01-13.2405121-018
GS13	6/3/2024 11:00	6/3/2024 11:00	grab	F	No		X	X			RFS01-04.2406134-005
SW093	6/3/2024 11:10	6/3/2024 11:10	grab	F	No		X	X			RFS01-04.2406134-016
SPOUT	6/3/2024 11:25	6/3/2024 11:25	grab	F	No		X	X			RFS01-04.2406134-015

Table 2. Water Sampling Events: Second Quarter CY 2024

	Sampling Dates		Sample Info			Analytes					Sample Tracking Info
Location Code	**Start**	**End**	**Collection Method**	**Type**	**Filtered**	**VOC**	**U**	**Nitrate**	**Pu/Am**	**TSS**	**Sample ID**
B5INFLOW	6/3/2024 12:20	6/3/2024 12:20	grab	F	No		X				RFS01-04.2406134-008
A1EFF	6/3/2024 12:36	6/3/2024 12:36	grab	F	No		X	X			RFS01-04.2406134-004
B3OUTFLOW	6/3/2024 13:10	6/3/2024 13:10	grab	F	No		X				RFS01-04.2406134-007
GS10	6/3/2024 13:23	6/3/2024 13:23	grab	F	No		X				RFS01-04.2406134-011
GS31	4/28/2024 12:14	6/8/2024 7:11	composite	F	No		X		X		RFS01-05.2406059-007
SW093	6/17/2024 10:56	6/17/2024 10:56	grab	F	No			X			RFS01-04.2406135-016
SPOUT	6/17/2024 11:02	6/17/2024 11:02	grab	F	No			X			RFS01-04.2406135-015
GS13	6/17/2024 11:17	6/17/2024 11:17	grab	F	No			X			RFS01-04.2406135-013

FILTRATION STATUS

No = Sample was not filtered.
Yes = Sample was filtered.

SAMPLE_TYPE

D = Duplicate
F = Field Sample

ANALYTES

Pu/Am = plutonium and americium
TSS = total suspended solids
U = uranium
VOC = volatile organic compound