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Abbreviations

AMP	Adaptive Management Plan
CY	calendar year
DOE	U.S. Department of Energy
EA	Rocky Flats Surface Water Configuration Environmental Assessment
POC	Point of Compliance
RFLMA	Rocky Flats Legacy Management Agreement
Site	Rocky Flats Site

1.0 Introduction

The Proposed Action assessed in the *Rocky Flats Surface Water Configuration Environmental Assessment* (EA) is to breach the remaining retention pond dams at the Rocky Flats, Colorado, Site (the Site) 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 must be collected prior to implementing the final steps of the Proposed Action to help reduce uncertainty as to whether completion of the Proposed Action will adversely impact the quality of water flowing from the Site into downstream communities. 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 reflects DOE's long-term commitment to implementing the activities that the AMP describes.

The AMP provides for a monitoring and data evaluation program to assist DOE in deciding whether to implement the final steps of the Proposed Action by breaching the terminal dams during the planned time frame of 2018–2020, or to delay the completion of the Proposed Action to gather additional information for evaluation. The terminal dams will be operated in a flow-through condition during the period leading up to the completion of the Proposed Action, which will provide data similar to what can be expected post-breach. In addition to the AMP monitoring program, this 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 first quarter of calendar year (CY) 2016 is provided in accordance with Section 5.0, "Reporting," in the AMP. Section 3.0 of this report provides the first quarter data summary tables, which include all validated analytical data available as of March 31, 2016. 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 *Rocky Flats Site Operations Guide*, Appendix I, "Rocky Flats Site, Colorado, Additional Field Implementation Detail for Selected Monitoring Objectives." Analytical data for the following AMP monitoring objectives are included in this report:

- Pre-discharge 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 N in Walnut Creek (Item 8, AMP Table 2)

2.0 AMP Highlights: First Quarter CY 2016

- Seven informal emails were transmitted to AMP participants providing notification that composite samples from the downstream-most Points of Compliance (POCs) had been retrieved from the field (WOMPOC—Woman Creek at COU boundary and WALPOC—Walnut Creek at COU boundary).
- One informal email was transmitted to AMP participants providing notification that recent analytical data from the downstream-most POCs had been validated and would soon be available through the Geospatial Environmental Mapping System (GEMS).
- Three informal emails were transmitted to AMP participants providing notification of individual analytical results from POCs and Points of Evaluation that were above the applicable *Rocky Flats Legacy Management Agreement* (RFLMA) surface-water standard (RFLMA Attachment 2, Table 1).
- During the quarter, 107 samples were collected in support of AMP monitoring objectives.

3.0 Analytical Data: First Quarter CY 2016

Table 1, "Analytical Results for Water Samples," is available at the end of this report.

Table 2, "Water Sampling Event Detail," is available at the end of this report.

			LAB										DATA		
			REQUISITION						LAB		DETECTION	UNCER-	VALIDATION		LAB
	LUCATION		NUMBER			JAWFLE	DEOLU T			JANFLE	DETECTION	TAINTY	QUALIFIEDO	METHOD	
LUCATION CODE	ITPE	DATE SAMPLED	NUMBER	CAS	ANALTIE	U	RESULT	UNITS	QUALIFIERS	ITPE		TAINTY	QUALIFIERS	METHOD	CODE
A1EFF	SL	1/13/2016	16017597	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	42	mg/L	(blank)	F	0.19		valid	G	SID
A1EFF	SL	1/13/2016	16017597	07440-61-1	Uranium	N001	25	ug/L	(blank)	F	0.05		valid	G	STD
A1EFF	SL	2/9/2016	16027641	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	25	mg/L	(blank)	F	0.19		valid	G	STD
A1EFF	SL	2/9/2016	16027641	07440-61-1	Uranium	N001	18	ug/L	(blank)	F	0.05		valid	G	STD
A2EFF	SL	1/13/2016	16017597	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	37	mg/L	(blank)	F	0.095		valid	G	STD
A2EFF	SL	1/13/2016	16017597	07440-61-1	Uranium	N001	36	ua/L	(blank)	F	0.05		valid	G	STD
A2EEE	SI	2/9/2016	16027641	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	26	= <u>3</u> .=	(blank)	F	0.095		valid	G	STD
	CL CL	2/0/2016	16027641	07440 61 1	Uranium	N001	20	ug/L	(blank)	, C	0.000		valid	6	STD
	3L	2/9/2010	10027041	07440-01-1		NOOT	21	ug/L	(blank)	Г Г	0.05		valiu	0	OTD
AJEFF	SL	1/13/2016	16017597	NU3+NUZ AS N	Nitrate + Nitrite as Nitrogen	N001	32	mg/L	(blank)	F	0.095		valid	6	SID
A3EFF	SL	1/13/2016	16017597	07440-61-1	Uranium	N001	34	ug/L	(blank)	F	0.05		valid	G	SID
A3EFF	SL	2/9/2016	16027641	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	24	mg/L	(blank)	F	0.095		valid	G	STD
A3EFF	SL	2/9/2016	16027641	07440-61-1	Uranium	N001	34	ug/L	(blank)	F	0.05		valid	G	STD
B3OUTFLOW	SL	1/13/2016	16017597	07440-61-1	Uranium	N001	20	ug/L	(blank)	F	0.05		valid	G	STD
B3OUTFLOW	SL	2/10/2016	16027641	07440-61-1	Uranium	N001	18	ug/L	(blank)	F	0.05		valid	G	STD
B3OUTFLOW	SL	2/10/2016	16027641	07440-61-1	Uranium	N002	18	ua/L	(blank)	D	0.05		valid	G	STD
B5 POND	SI	7/9/2015	15077226	07440-61-1	Uranium	N001	63	ug/l	(blank)	F	0.05		valid	G	STD
	CL CL	7/0/2015	15007261	07440 61 1	Uranium	N002	7.24	ug/L	(blank)	, C	0.00		valid	0	GEN
	3L	1/9/2013	10097301	07440-01-1	Unanium	N002	7.34	ug/L	(blank)	Г Г	0.007		valiu	0	GEN
BSINFLOW	SL	1/13/2016	16017597	07440-61-1	Uranium	N001	13	ug/L	(blank)	F	0.05		valid	6	SID
B5INFLOW	SL	2/10/2016	16027641	07440-61-1	Uranium	N001	17	ug/L	(blank)	F	0.05		valid	G	SID
GS08	SL	1/13/2016	16017597	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	800	mg/L	(blank)	F	1.9		R	G	STD
GS08	SL	1/13/2016	16017597	07440-61-1	Uranium	N001	8.7	ug/L	(blank)	F	0.05		valid	G	STD
GS08	SL	2/10/2016	16027641	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	0.19	mg/L	(blank)	F	0.019		valid	G	STD
GS08	SL	2/10/2016	16027641	07440-61-1	Uranium	N001	13	ug/L	(blank)	F	0.05		valid	G	STD
GS10	SL	1/13/2016	16017597	07440-61-1	Uranium	N001	21	ua/L	(blank)	F	0.05		valid	G	STD
GS10	SI	2/10/2016	16027641	07440-61-1	Uranium	N001	20	ug/l	(blank)	F	0.05		valid	G	STD
CS11	CL CL	4/27/2015	15046092		Nitrata + Nitrita an Nitragan	N001	0.07	mg/L	(blank)	, C	0.00		valid	6	GEN
0011	3L	4/21/2013	10040903	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	NOOT	9.91	nig/L	(blank)	Г Г	0.17		valiu	0	GEN
GSTT	SL	1/13/2016	16017597	NU3+NUZ AS N	Nitrate + Nitrite as Nitrogen	N001	3	mg/L	(blank)	F	0.019		valid	6	SID
GS11	SL	1/13/2016	16017597	07440-61-1	Uranium	N001	16	ug/L	(blank)	F	0.05		valid	G	SID
GS11	SL	2/9/2016	16027641	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	5.9	mg/L	(blank)	F	0.019		valid	G	STD
GS11	SL	2/9/2016	16027641	07440-61-1	Uranium	N001	18	ug/L	(blank)	F	0.05		valid	G	STD
GS13	SL	1/13/2016	16017597	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	41	mg/L	(blank)	F	0.095		valid	G	STD
GS13	SL	1/13/2016	16017597	07440-61-1	Uranium	N001	20	ug/L	(blank)	F	0.05		valid	G	STD
GS13	SL	2/9/2016	16027641	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	21	ma/L	(blank)	F	0.095		valid	G	STD
GS13	SI	2/9/2016	16027641	07440-61-1	Uranium	N001	13	ua/l	(blank)	F	0.05		valid	G	STD
SPOLIT	Te	1/12/2016	16017507		Nitrata + Nitrita an Nitragan	N001	210	mg/L	(blank)	, C	0.00		valid	6	STD
	10	1/13/2010	10017597		Nitrate + Nitrite as Nitrogen	NOOT	310	IIIg/L	(blank)	Г Г	0.70		valiu	0	OTD
SPOUT	13	1/13/2016	10017597	07440-61-1	Oranium	NUU I	63	ug/L	(Diarik)	F	0.05		valid	6	STD
SPOUT	15	2/9/2016	16027641	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	360	mg/L	(blank)	F	1.9		valid	G	SID
SPOUT	TS	2/9/2016	16027641	07440-61-1	Uranium	N001	65	ug/L	(blank)	F	0.05		valid	G	STD
SW093	SL	1/13/2016	16017597	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	0.88	mg/L	(blank)	F	0.019		valid	G	STD
SW093	SL	1/13/2016	16017597	07440-61-1	Uranium	N001	5.9	ug/L	(blank)	F	0.05		valid	G	STD
SW093	SL	2/9/2016	16027641	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	2.7	mg/L	(blank)	F	0.019		valid	G	STD
SW093	SL	2/9/2016	16027641	07440-61-1	Uranium	N001	6.4	ua/L	(blank)	F	0.05		valid	G	STD
WALPOC	SL	1/4/2016	16027632	AM-241	Americium-241	N002	-0.00402	pCi/L	U	F	0.0268	0.0125	valid	C	GEN
	SI	1/4/2016	16027632	PIL-230-240	Plutonium-239, 240	N002	_0.00783	pCi/L		F	0.0200	0.0111	valid	C C	GEN
	SL	1/4/2010	16027632	07440_61_1	Uranium	N002	17 0	ug/l	(blank)	F	0.0227	0.0111	valid	c C	GEN
		1/4/2010	10027032	AM 244	Amariaium 241	N002	0.0145	ng/L		, г	0.007	0.0147	valid	0	CEN
		1/28/2016	1002/030		Americium-24 i	NUU I	0.0145	poi/L	U (blank)	r F	0.0276	0.0147	vallu	0	
	SL .	1/28/2016	1002/032	NUS+NUZAS N	Nitrate + Nitrite as Nitrogen	NUU2	0.714	nig/L	(DIANK)	r F	0.017	0.007	valiu	0	GEN
WALPOC	SL	1/28/2016	16027650	PU-239,240	Plutonium-239, 240	NU01	0.00649	pCi/L	U	F	0.0157	0.00736	valid	U .	GEN
WALPOC	SL	1/28/2016	16027650	07440-61-1	Uranium	N001	17.6	ug/L	(blank)	F	0.067		valid	С	GEN
WALPOC	SL	2/16/2016	16027650	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	6.06	mg/L	(blank)	F	0.17		valid	G	GEN
WOMPOC	SL	7/7/2015	15087314	AM-241	Americium-241	N002	0.00265	pCi/L	U	F	0.033	0.0187	valid	С	GEN
WOMPOC	SL	7/7/2015	15087314	PU-239,240	Plutonium-239, 240	N002	0.0101	pCi/L	U	F	0.0154	0.00909	valid	С	GEN
WOMPOC	SL	7/7/2015	15087314	07440-61-1	Uranium	N002	1.85	ua/L	(blank)	F	0,067		valid	С	GEN
WOMPOC	SI	7/22/2015	15077242	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	0.15	ma/l	(blank)	F	0.019		valid	G	STD
WOMPOC	91 91	7/22/2013	15077242	07440-61-1	Liranium	N001	0.10		(blank)	E	0.019		valid	G	STD
WOMPOC	0L 01	10/5/2015	1507715		Nitrata + Nitrita an Nitragan	N001	0.040	ug/L ma/l		, С	0.05		valid	6	STD
WOMPOC		10/5/2015	1010/410	NO3+NO2 AS N		NUUT	0.019	mg/L	0	Г D	0.019		valiu	0	
WUMPUC	SL	10/5/2015	1510/415	NU3+NU2 AS N	INITrate + NITrite as Nitrogen	NUU2	0.019	mg/L	U	υ -	0.019		valio	6	SID
WOMPOC	SL	10/5/2015	15107415	07440-61-1	Uranium	N001	3.2	ug/L	(blank)	F	0.05		valid	G	SID
WOMPOC	SL	10/5/2015	15107415	07440-61-1	Uranium	N002	3.2	ug/L	(blank)	D	0.05		valid	G	STD
WOMPOC	SL	11/3/2015	15117485	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	0.019	mg/L	U	F	0.019		J	G	STD
WOMPOC	SL	11/3/2015	15117485	07440-61-1	Uranium	N001	3.9	ug/L	(blank)	F	0.05		valid	G	STD
WOMPOC	SL	12/17/2015	15127563	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	0.019	mg/L	U	F	0.019		valid	G	STD
WOMPOC	SL	12/17/2015	15127563	07440-61-1	Uranium	N001	3.1	ua/L	(blank)	F	0.05		valid	G	STD
WOMPOC	SL	1/5/2016	16027650	AM-241	Americium-241	N001	0.00426	pCi/L	Ù	F	0.019	0.00925	valid	С	GEN

Table 1. Analytical Results for Water Samples

			LAB										DATA		
	LOCATION		REQUISITION			SAMPLE			LAB	SAMPLE	DETECTION	UNCER-	VALIDATION	COLLECTION	LAB
LOCATION CODE	TYPE	DATE SAMPLED	NUMBER	CAS	ANALYTE	ID	RESULT	UNITS	QUALIFIERS	TYPE	LIMIT	TAINTY	QUALIFIERS	METHOD	CODE
WOMPOC	SL	1/5/2016	16027650	PU-239,240	Plutonium-239, 240	N001	0.00562	pCi/L	U	F	0.0163	0.00732	valid	С	GEN
WOMPOC	SL	1/5/2016	16027650	07440-61-1	Uranium	N001	2.83	ug/L	(blank)	F	0.067		valid	С	GEN

EXPLANATION

SAMPLE_ID		LAB_QUALIFIERS	5								
N00x = Sample wa	as not filtered.	*	Replicate analysis not within	control limits.							
000x = Sample wa	as filtered.	+	Correlation coefficient for MS	A < 0.995.							
		>	Result above upper detection	limit.							
WATER_UNIT_C	DF_MEASURE	A	TIC is a suspected aldol-cond	densation proc	duct.						
mg/L; ppm = millig	rams per liter	В	Inorganic: Result is between the IDL and CRDL. Organic & Radiochemistry: Analyte also found in method blank.								
pCi/L = picocuries	per liter	С	Pesticide result confirmed by GC-MS.								
ug/L = micrograms	s per liter	D	Analyte determined in diluted sample.								
C = degrees celsiu	IS	E	Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.								
mS/cm = milliSiem	iens per centimeter	н	Holding time expired, value s	uspect.							
NTU = normal turb	vidity units	I	Increased detection limit due	to required di	lution.						
s.u. = standard pH	l units	J	Estimated								
uS/cm = microSier	mens per centimeter	M	GFAA duplicate injection pred	cision not met							
umhos/cm = micro	Siemens per centimeter	N	Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compund (TIC).								
		Р	> 25% difference in detected pesticide or Arochlor concentrations between 2 columns.								
		S	Result determined by method of standard addition (MSA).								
SAMPLE_TYPE		U	Analytical result below detection limit.								
F = Field Sample		W	Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.								
D = Duplicate		Х	Laboratory defined (USEPA CLP organic) qualifier, see case narrative.								
		Y	Laboratory defined (USEPA CLP organic) qualifier, see case narrative.								
		Z	Laboratory defined (USEPA 0	CLP organic) o	qualifier, see case narrative.						
DATA_VALIDA1	TION_QUALIFIERS										
valid	Result is valid.										
F	Low flow sampling method used.	LOCATION_TYPE		LAB_COI	DE						
G	Possible grout contamination, pH > 9.	SL	SURFACE LOCATION	GEN	Gel Laboratories						
J	Estimated value.	TS	TREATMENT SYSTEM	STD	Test America						
L	Less than 3 bore volumes purged prior to sampling.	WL	WELL								
Q	Qualitative result due to sampling technique										
R	Unusable result.	COLLECTION_ME	THOD								
U	Parameter analyzed for but was not detected.	G	Grab								
х	Location is undefined.	С	Composite								

- Unusable result. Parameter analyzed for but was not detected.
 - G С
- Location is undefined. 999 Validation not complete

	Sampling Dates		S	Sample Info				Analytes	Sample Tracking Info			
Location Code	Start	End	Collection Method	Туре	Filtered	voc	D	Nitrate	Pu/Am	TSS	Ticket	RIN #
GS11	4/27/2015 11:56	4/27/2015 11:56	grab	F	No			Х			NFZ 199	15046983
WOMPOC	7/7/2015 14:41	8/20/2015 11:58	composite	F	No		Х		Х		NJS 627	15087314
B5 POND	7/9/2015 13:58	7/9/2015 13:58	grab	F	No		Х				NIZ 019	15077226
B5INFLOW	7/9/2015 14:09	8/31/2015 14:02	composite	F	No		Х				NKU 208	15097361
WOMPOC	7/22/2015 10:36	7/22/2015 10:36	grab	F	No		Х				NIZ 656	15077242
WOMPOC	10/5/2015 11:15	10/5/2015 11:15	grab	D	No		Х				NLV 554	15107415
WOMPOC	10/5/2015 11:15	10/5/2015 11:15	grab	F	No		Х				NLV 553	15107415
WOMPOC	11/3/2015 14:52	11/3/2015 14:52	grab	F	No		Х				NMY 027	15117485
WOMPOC	12/17/2015 9:30	12/17/2015 9:30	grab	F	No		Х				NNS 019	15127563
WALPOC	1/4/2016 12:08	1/28/2016 13:30	composite	F	No		Х		Х		ODW 977	16027632
WOMPOC	1/5/2016 13:11	2/16/2016 13:27	composite	F	No		Х		Х		ODX 894	16027650
B3OUTFLOW	1/13/2016 9:26	1/13/2016 9:26	grab	F	No		Х				OCT 478	16017597
GS10	1/13/2016 9:33	1/13/2016 9:33	grab	F	No		Х				OCT 475	16017597
GS08	1/13/2016 11:04	1/13/2016 11:04	grab	F	No		Х	Х			OCT 477	16017597
GS11	1/13/2016 11:25	1/13/2016 11:25	grab	F	No		Х	Х			OCT 480	16017597
A3EFF	1/13/2016 11:48	1/13/2016 11:48	grab	F	No		Х	Х			OCT 479	16017597
B5INFLOW	1/13/2016 12:04	1/13/2016 12:04	grab	F	No		Х				OCT 471	16017597
GS13	1/13/2016 12:13	1/13/2016 12:13	grab	F	No		Х	Х			OCT 468	16017597
A2EFF	1/13/2016 12:24	1/13/2016 12:24	grab	F	No		Х	Х			OCT 474	16017597
A1EFF	1/13/2016 12:29	1/13/2016 12:29	grab	F	No		Х	Х			OCT 470	16017597
SPOUT	1/13/2016 12:47	1/13/2016 12:47	grab	F	No		Х	Х			OCT 473	16017597
SW093	1/13/2016 12:50	1/13/2016 12:50	grab	F	No		Х	Х			OCT 476	16017597
WALPOC	1/28/2016 13:30	2/16/2016 11:40	composite	F	No		Х		Х		ODX 893	16027650
WALPOC	1/28/2016 14:55	1/28/2016 14:55	grab	F	No			Х			ODW 978	16027632
WALPOC	1/28/2016 14:55	1/28/2016 14:55	grab	F	No			Х			ODW 978	16027632
GS11	2/9/2016 11:09	2/9/2016 11:09	grab	F	No		Х	Х			ODX 732	16027641
A3EFF	2/9/2016 11:38	2/9/2016 11:38	grab	F	No		Х	Х			ODX 731	16027641
GS13	2/9/2016 11:57	2/9/2016 11:57	grab	F	No		Х	Х			ODX 733	16027641
A1EFF	2/9/2016 12:10	2/9/2016 12:10	grab	F	No		Х	Х			ODX 722	16027641
A2EFF	2/9/2016 12:16	2/9/2016 12:16	grab	F	No		Х	Х			ODX 726	16027641
SW093	2/9/2016 12:28	2/9/2016 12:28	grab	F	No		Х	Х			ODX 728	16027641
SPOUT	2/9/2016 13:36	2/9/2016 13:36	grab	F	No		Х	Х			ODX 725	16027641
GS08	2/10/2016 11:26	2/10/2016 11:26	grab	F	No		Х				ODX 729	16027641
B5INFLOW	2/10/2016 11:30	2/10/2016 11:30	grab	F	No		Х				ODX 723	16027641
GS10	2/10/2016 11:56	2/10/2016 11:56	grab	F	No		Х				ODX 727	16027641
B3OUTFLOW	2/10/2016 12:10	2/10/2016 12:10	grab	D	No		Х				ODX 720	16027641
B3OUTFLOW	2/10/2016 12:10	2/10/2016 12:10	grab	F	No		Х				ODX 730	16027641
WALPOC	2/16/2016 11:35	2/16/2016 11:35	grab	F	No			Х			ODX 892	16027650

EXPLANATION

Sample Info: Type

F = Field Sample D = Duplicate

Analytes

VOC = volatile organic compounds U = uranium Nitrate = nitrate + nitrite as N Pu/Am = plutonium-239,240 and americium-241 SVOC = semi-volatile organic compounds TSS = total suspended solids Sample Tracking Info: Ticket - tracking identifier

Sample Tracking Info: RIN# - lab requisition number

Sample Tracking Info: COC Date - Chain of Custody date