

Rocky Flats, Colorado, Site

**Surface Water Configuration
Adaptive Management Plan
Quarterly Report**

Second Quarter Calendar Year 2012

July 2012



U.S. DEPARTMENT OF
ENERGY

Legacy
Management

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Abbreviations

AMP	Adaptive Management Plan
CY	calendar year
DOE	U.S. Department of Energy
EA	<i>Rocky Flats Surface Water Configuration Environmental Assessment</i>
POC	Point of Compliance
RFSOG	<i>Rocky Flats Site Operations Guide</i>
Site	Rocky Flats Site

1.0 Introduction

The Proposed Action assessed in the *Rocky Flats Site, Colorado, Surface Water Configuration Environmental Assessment and Finding of No Significant Impact* (DOE/EA-1747) (EA), dated May 2011, is to breach the remaining retention pond dams at the Rocky Flats 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 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 and 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 second quarter of calendar year (CY) 2012 is provided according to Section 5.0, "Reporting," in the AMP. Section 3.0 provides the second quarter data summary tables, which include all validated analytical data available as of June 30, 2012. 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* (RFSOG) and RFSOG Attachment F4, "Non-RFLMA Monitoring." 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: Second Quarter CY 2012

- Four informal e-mails were transmitted to AMP participants that provided notification of Geospatial Environmental Mapping System postings of validated analytical results for the downstream-most points of compliance (POCs).
- Two informal e-mails were transmitted to AMP participants that provided notification that composite samples from downstream-most POCs have been retrieved from the field (GS01—Woman Creek at Indiana Street and GS03—Walnut Creek at Indiana Street).
- During the quarter, 96 samples were collected in support of AMP monitoring objectives.

3.0 Analytical Data: Second Quarter CY 2012

Table 1. Analytical Results for Water Samples

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCERTAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
42505	WL	4/19/2012	12044478	000630-20-6	1,1,1,2-Tetrachloroethane	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000071-55-6	1,1,1-Trichloroethane	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000079-34-5	1,1,2,2-Tetrachloroethane	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000079-00-5	1,1,2-Trichloroethane	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000075-34-3	1,1-Dichloroethane	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000075-35-4	1,1-Dichloroethene	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000563-58-6	1,1-Dichloropropene	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000087-61-6	1,2,3-Trichlorobenzene	N001	0.0002	mg/L	U	F	0.0002		FQ	G	GEN
42505	WL	4/19/2012	12044478	000096-18-4	1,2,3-Trichloropropane	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000120-82-1	1,2,4-Trichlorobenzene	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000095-63-6	1,2,4-Trimethylbenzene	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000096-12-8	1,2-Dibromo-3-chloropropane	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000106-93-4	1,2-Dibromoethane	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000095-50-1	1,2-Dichlorobenzene	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000107-06-2	1,2-Dichloroethane	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000078-87-5	1,2-Dichloropropane	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000108-67-8	1,3,5-Trimethylbenzene	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000541-73-1	1,3-Dichlorobenzene	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000142-28-9	1,3-Dichloropropane	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000106-46-7	1,4-Dichlorobenzene	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000594-20-7	2,2-Dichloropropane	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000078-93-3	2-Butanone	N001	0.0005	mg/L	U	F	0.0005		FQ	G	GEN
42505	WL	4/19/2012	12044478	000095-49-8	2-Chlorotoluene	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000591-78-6	2-Hexanone	N001	0.0005	mg/L	U	F	0.0005		FQ	G	GEN
42505	WL	4/19/2012	12044478	000106-43-4	4-Chlorotoluene	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000108-10-1	4-Methyl-2-Pentanone	N001	0.0005	mg/L	U	F	0.0005		FQ	G	GEN
42505	WL	4/19/2012	12044478	000067-64-1	Acetone	N001	0.0005	mg/L	U	F	0.0005		FQ	G	GEN
42505	WL	4/19/2012	12044478	000071-43-2	Benzene	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000108-86-1	Bromobenzene	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000074-97-5	Bromochloromethane	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000075-27-4	Bromodichloromethane	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000075-25-2	Bromoforn	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000074-83-9	Bromomethane	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000075-15-0	Carbon Disulfide	N001	0.0005	mg/L	U	F	0.0005		FQ	G	GEN
42505	WL	4/19/2012	12044478	000056-23-5	Carbon tetrachloride	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000108-90-7	Chlorobenzene	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000124-48-1	Chlorodibromomethane	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000075-00-3	Chloroethane	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000067-66-3	Chloroforn	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000074-87-3	Chloromethane	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000156-59-2	cis-1,2-Dichloroethene	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	010061-01-5	cis-1,3-Dichloropropene	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000074-95-3	Dibromomethane	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000075-71-8	Dichlorodifluoromethane	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000100-41-4	Ethylbenzene	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000087-68-3	Hexachlorobutadiene	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000098-82-8	Isopropylbenzene	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000075-09-2	Methylene chloride	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000091-20-3	Naphthalene	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000104-51-8	n-Butylbenzene	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000103-65-1	n-Propylbenzene	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000099-87-6	p-Isopropyltoluene	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000135-98-8	sec-Butylbenzene	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000100-42-5	Styrene	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000098-06-6	tert-Butylbenzene	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000127-18-4	Tetrachloroethene	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000108-88-3	Toluene	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	001330-20-7	Total Xylenes	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000156-60-5	trans-1,2-Dichloroethene	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	010061-02-6	trans-1,3-dichloropropene	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000079-01-6	Trichloroethene	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000075-69-4	Trichlorofluoromethane	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
42505	WL	4/19/2012	12044478	000075-01-4	Vinyl chloride	N001	0.00016	mg/L	U	F	0.00016		FQ	G	GEN
A1EFF	SL	3/1/2012	12034404	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	6.6	ug/L	(blank)	F	0.019		(blank)	G	STD
A1EFF	SL	3/1/2012	12034404	07440-61-1	Uranium	N001	32	ug/L	(blank)	F	0.02		(blank)	G	STD
A1EFF	SL	3/15/2012	12034417	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	1	mg/L	(blank)	F	0.019		(blank)	G	STD
A1EFF	SL	3/15/2012	12034417	07440-61-1	Uranium	N001	56	ug/L	B	F	0.02		(blank)	G	STD
A1EFF	SL	3/28/2012	12044451	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	16	mg/L	(blank)	F	0.038		J	G	STD

Table 1. Analytical Results for Water Samples

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCERTAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
A1EFF	SL	3/28/2012	12044451	07440-61-1	Uranium	N001	28	ug/L	(blank)	F	0.05		(blank)	G	STD
A1EFF	SL	4/11/2012	12044481	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	11	mg/L	(blank)	F	0.095		J	G	STD
A1EFF	SL	4/11/2012	12044481	07440-61-1	Uranium	N001	23	ug/L	(blank)	F	0.05		(blank)	G	STD
A1EFF	SL	4/25/2012	12044510	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	10	mg/L	(blank)	F	0.095		J	G	STD
A1EFF	SL	4/25/2012	12044510	07440-61-1	Uranium	N001	21	ug/L	(blank)	F	0.05		(blank)	G	STD
A2EFF	SL	1/25/2012	12014322	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	0.055	mg/L	(blank)	F	0.019		(blank)	G	STD
A2EFF	SL	1/25/2012	12014322	07440-61-1	Uranium	N001	67	ug/L	(blank)	F	0.02		(blank)	G	STD
A2EFF	SL	3/1/2012	12034404	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	4.2	mg/L	(blank)	F	0.019		(blank)	G	STD
A2EFF	SL	3/1/2012	12034404	07440-61-1	Uranium	N001	50	ug/L	(blank)	F	0.02		(blank)	G	STD
A2EFF	SL	3/15/2012	12034417	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	0.054	mg/L	(blank)	F	0.019		(blank)	G	STD
A2EFF	SL	3/15/2012	12034417	07440-61-1	Uranium	N001	64	ug/L	B	F	0.02		(blank)	G	STD
A2EFF	SL	3/28/2012	12044451	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	7.4	mg/L	(blank)	F	0.038		(blank)	G	STD
A2EFF	SL	3/28/2012	12044451	07440-61-1	Uranium	N001	44	ug/L	(blank)	F	0.05		(blank)	G	STD
A2EFF	SL	4/11/2012	12044481	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	12	mg/L	(blank)	F	0.038		(blank)	G	STD
A2EFF	SL	4/11/2012	12044481	07440-61-1	Uranium	N001	38	ug/L	(blank)	F	0.05		(blank)	G	STD
A2EFF	SL	4/25/2012	12044510	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	9.8	mg/L	(blank)	F	0.019		(blank)	G	STD
A2EFF	SL	4/25/2012	12044510	07440-61-1	Uranium	N001	42	ug/L	(blank)	F	0.05		(blank)	G	STD
A3EFF	SL	4/11/2012	12044481	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	6	mg/L	(blank)	F	0.019		(blank)	G	STD
A3EFF	SL	4/11/2012	12044481	07440-61-1	Uranium	N001	23	ug/L	(blank)	F	0.05		(blank)	G	STD
A3EFF	SL	4/25/2012	12044510	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	7.5	mg/L	(blank)	F	0.019		(blank)	G	STD
A3EFF	SL	4/25/2012	12044510	07440-61-1	Uranium	N001	24	ug/L	(blank)	F	0.1		(blank)	G	STD
A4 POND	SL	1/25/2012	12014322	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	4.7	mg/L	(blank)	F	0.019		(blank)	G	STD
A4 POND	SL	1/25/2012	12014322	07440-61-1	Uranium	N001	17	ug/L	(blank)	F	0.02		(blank)	G	STD
A4 POND	SL	3/1/2012	12034404	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	9.5	mg/L	(blank)	F	0.019		(blank)	G	STD
A4 POND	SL	3/1/2012	12034404	07440-61-1	Uranium	N001	12	ug/L	(blank)	F	0.02		(blank)	G	STD
A4 POND	SL	3/15/2012	12034417	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	8.1	mg/L	(blank)	F	0.019		(blank)	G	STD
A4 POND	SL	3/15/2012	12034417	07440-61-1	Uranium	N001	13	ug/L	B	F	0.02		(blank)	G	STD
A4 POND	SL	3/28/2012	12044451	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	4.3	mg/L	(blank)	F	0.019		(blank)	G	STD
A4 POND	SL	3/28/2012	12044451	07440-61-1	Uranium	N001	16	ug/L	(blank)	F	0.05		(blank)	G	STD
A4 POND	SL	4/11/2012	12044481	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	2	mg/L	(blank)	F	0.019		(blank)	G	STD
A4 POND	SL	4/11/2012	12044481	07440-61-1	Uranium	N001	18	ug/L	(blank)	F	0.05		(blank)	G	STD
A4 POND	SL	4/25/2012	12044510	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	1.1	mg/L	(blank)	F	0.019		(blank)	G	STD
A4 POND	SL	4/25/2012	12044510	07440-61-1	Uranium	N001	19	ug/L	(blank)	F	0.1		(blank)	G	STD
B3OUTFLOW	SL	1/25/2012	12014322	07440-61-1	Uranium	N001	19	ug/L	(blank)	F	0.02		(blank)	G	STD
B3OUTFLOW	SL	3/1/2012	12034404	07440-61-1	Uranium	N001	18	ug/L	(blank)	F	0.02		(blank)	G	STD
B3OUTFLOW	SL	3/15/2012	12034417	07440-61-1	Uranium	N001	17	ug/L	B	F	0.02		(blank)	G	STD
B3OUTFLOW	SL	3/28/2012	12044451	07440-61-1	Uranium	N001	17	ug/L	(blank)	F	0.05		(blank)	G	STD
B3OUTFLOW	SL	4/11/2012	12044481	07440-61-1	Uranium	N001	14	ug/L	(blank)	F	0.05		(blank)	G	STD
B3OUTFLOW	SL	4/25/2012	12044510	07440-61-1	Uranium	N001	12	ug/L	(blank)	F	0.05		(blank)	G	STD
B5 POND	SL	1/25/2012	12014322	07440-61-1	Uranium	N001	11	ug/L	(blank)	F	0.02		(blank)	G	STD
B5 POND	SL	3/1/2012	12034404	07440-61-1	Uranium	N001	12	ug/L	(blank)	F	0.02		(blank)	G	STD
B5 POND	SL	3/15/2012	12034417	07440-61-1	Uranium	N001	12	ug/L	B	F	0.02		(blank)	G	STD
B5 POND	SL	3/28/2012	12044451	07440-61-1	Uranium	N001	12	ug/L	(blank)	F	0.05		(blank)	G	STD
B5 POND	SL	4/11/2012	12044481	07440-61-1	Uranium	N001	11	ug/L	(blank)	F	0.05		(blank)	G	STD
B5 POND	SL	4/25/2012	12044510	07440-61-1	Uranium	N001	8.7	ug/L	(blank)	F	0.05		(blank)	G	STD
B5INFLOW	SL	1/3/2012	12034403	07440-61-1	Uranium	N001	15	ug/L	(blank)	F	0.067		(blank)	C	GEN
B5INFLOW	SL	1/25/2012	12014322	07440-61-1	Uranium	N001	18	ug/L	(blank)	F	0.02		(blank)	G	STD
B5INFLOW	SL	3/1/2012	12034404	07440-61-1	Uranium	N001	17	ug/L	(blank)	F	0.02		(blank)	G	STD
B5INFLOW	SL	3/6/2012	12054552	AM-241	Americium-241	N002	0.0013	pCi/L	U	F	0.0235	0.00255	(blank)	C	GEN
B5INFLOW	SL	3/6/2012	12054552	PU-239,240	Plutonium-239, 240	N002	-0.00141	pCi/L	U	F	0.0146	0.00729	(blank)	C	GEN
B5INFLOW	SL	3/6/2012	12034431	07440-61-1	Uranium	N001	17.4	ug/L	(blank)	F	0.067		(blank)	C	GEN
B5INFLOW	SL	3/15/2012	12034417	07440-61-1	Uranium	N001	15	ug/L	B	F	0.02		(blank)	G	STD
B5INFLOW	SL	3/23/2012	12054552	AM-241	Americium-241	N002	-0.00131	pCi/L	U	F	0.0237	0.00681	(blank)	C	GEN
B5INFLOW	SL	3/23/2012	12054552	PU-239,240	Plutonium-239, 240	N002	0.00178	pCi/L	U	F	0.0185	0.00604	(blank)	C	GEN
B5INFLOW	SL	3/23/2012	12044484	07440-61-1	Uranium	N001	13.2	ug/L	(blank)	F	0.067		(blank)	C	GEN
B5INFLOW	SL	3/28/2012	12044451	07440-61-1	Uranium	N001	14	ug/L	(blank)	F	0.05		(blank)	G	STD
B5INFLOW	SL	4/11/2012	12044481	07440-61-1	Uranium	N001	11	ug/L	(blank)	F	0.05		(blank)	G	STD
B5INFLOW	SL	4/25/2012	12044510	07440-61-1	Uranium	N001	11	ug/L	(blank)	F	0.05		(blank)	G	STD
GS01	SL	1/3/2012	12014314	AM-241	Americium-241	N001	0.00235	pCi/L	U	F	0.0176	0.00461	(blank)	C	GEN
GS01	SL	1/3/2012	12014314	PU-239,240	Plutonium-239, 240	N001	0.00325	pCi/L	U	F	0.011	0.00562	(blank)	C	GEN
GS01	SL	1/3/2012	12014314	07440-61-1	Uranium	N001	5.55	ug/L	(blank)	F	0.067		(blank)	C	GEN
GS01	SL	1/19/2012	12024362	AM-241	Americium-241	N001	0.00383	pCi/L	U	F	0.0197	0.00561	(blank)	C	GEN
GS01	SL	1/19/2012	12024362	PU-239,240	Plutonium-239, 240	N001	0.00455	pCi/L	U	F	0.0104	0.00593	(blank)	C	GEN
GS01	SL	1/19/2012	12024362	07440-61-1	Uranium	N001	11.3	ug/L	(blank)	F	0.067		(blank)	C	GEN
GS01	SL	2/13/2012	12024379	AM-241	Americium-241	N001	0.00297	pCi/L	U	F	0.0205	0.00712	(blank)	C	GEN
GS01	SL	2/13/2012	12024379	PU-239,240	Plutonium-239, 240	N001	0.0017	pCi/L	U	F	0.0194	0.0174	(blank)	C	GEN
GS01	SL	2/13/2012	12024379	07440-61-1	Uranium	N001	5.44	ug/L	(blank)	F	0.067		(blank)	C	GEN
GS01	SL	2/23/2012	12034402	AM-241	Americium-241	N001	-0.00252	pCi/L	U	F	0.0175	0.00782	(blank)	C	GEN
GS01	SL	2/23/2012	12034402	AM-241	Americium-241	N002	0.00606	pCi/L	U	D	0.0168	0.00714	(blank)	C	GEN
GS01	SL	2/23/2012	12034402	PU-239,240	Plutonium-239, 240	N001	0.00284	pCi/L	U	F	0.0161	0.00557	(blank)	C	GEN

Table 1. Analytical Results for Water Samples

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCERTAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
GS01	SL	2/23/2012	12034402	PU-239,240	Plutonium-239, 240	N002	-0.00658	pCi/L	U	D	0.015	0.0124	(blank)	C	GEN
GS01	SL	2/23/2012	12034402	07440-61-1	Uranium	N001	4.14	ug/L	(blank)	F	0.067		(blank)	C	GEN
GS01	SL	2/23/2012	12034402	07440-61-1	Uranium	N002	4.24	ug/L	(blank)	D	0.067		(blank)	C	GEN
GS01	SL	3/1/2012	12034418	AM-241	Americium-241	N001	0.00624	pCi/L	U	F	0.0144	0.00579	(blank)	C	GEN
GS01	SL	3/1/2012	12034418	PU-239,240	Plutonium-239, 240	N001	-0.0038	pCi/L	U	F	0.0216	0.00745	(blank)	C	GEN
GS01	SL	3/1/2012	12034418	07440-61-1	Uranium	N001	4.39	ug/L	(blank)	F	0.067		(blank)	C	GEN
GS01	SL	3/15/2012	12044453	AM-241	Americium-241	N001	-0.00136	pCi/L	U	F	0.0188	0.00707	(blank)	C	GEN
GS01	SL	3/15/2012	12044453	PU-239,240	Plutonium-239, 240	N001	-0.00125	pCi/L	U	F	0.0138	0.00947	(blank)	C	GEN
GS01	SL	3/15/2012	12044453	07440-61-1	Uranium	N001	5.01	ug/L	(blank)	F	0.067		(blank)	C	GEN
GS03	SL	1/3/2012	12024362	AM-241	Americium-241	N002	0.00634	pCi/L	U	F	0.0326	0.011	(blank)	C	GEN
GS03	SL	1/3/2012	12024362	PU-239,240	Plutonium-239, 240	N002	0.003	pCi/L	U	F	0.0115	0.00588	(blank)	C	GEN
GS03	SL	1/3/2012	12024362	07440-61-1	Uranium	N002	13.3	ug/L	(blank)	F	0.067		(blank)	C	GEN
GS03	SL	2/10/2012	12024379	AM-241	Americium-241	N001	-0.00308	pCi/L	U	F	0.0213	0.00853	(blank)	C	GEN
GS03	SL	2/10/2012	12024379	AM-241	Americium-241	N002	-0.00743	pCi/L	U	D	0.0257	0.00892	(blank)	C	GEN
GS03	SL	2/10/2012	12024362	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N003	0.865	mg/L	(blank)	F	0.05		(blank)	G	GEN
GS03	SL	2/10/2012	12024379	PU-239,240	Plutonium-239, 240	N001	0.0015	pCi/L	U	F	0.017	0.0121	(blank)	C	GEN
GS03	SL	2/10/2012	12024379	PU-239,240	Plutonium-239, 240	N002	0.0038	pCi/L	U	D	0.0144	0.00963	(blank)	C	GEN
GS03	SL	2/10/2012	12024379	07440-61-1	Uranium	N001	13.5	ug/L	(blank)	F	0.067		(blank)	C	GEN
GS03	SL	2/10/2012	12024379	07440-61-1	Uranium	N002	13.8	ug/L	(blank)	D	0.067		(blank)	C	GEN
GS03	SL	2/23/2012	12034412	AM-241	Americium-241	N002	-0.0108	pCi/L	U	F	0.0298	0.014	(blank)	C	GEN
GS03	SL	2/23/2012	12024379	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	5.46	mg/L	(blank)	F	0.1		(blank)	G	GEN
GS03	SL	2/23/2012	12034412	PU-239,240	Plutonium-239, 240	N002	0.0122	pCi/L	U	F	0.0198	0.0103	(blank)	C	GEN
GS03	SL	2/23/2012	12034412	07440-61-1	Uranium	N002	11.2	ug/L	(blank)	F	0.067		(blank)	C	GEN
GS03	SL	2/27/2012	12034402	AM-241	Americium-241	N001	-0.00313	pCi/L	U	F	0.0216	0.00751	(blank)	C	GEN
GS03	SL	2/27/2012	12034403	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N002	3.85	mg/L	(blank)	F	0.05		(blank)	G	GEN
GS03	SL	2/27/2012	12034402	PU-239,240	Plutonium-239, 240	N001	0	pCi/L	U	F	0.0127	0.00693	(blank)	C	GEN
GS03	SL	2/27/2012	12034402	07440-61-1	Uranium	N001	11.4	ug/L	(blank)	F	0.067		(blank)	C	GEN
GS03	SL	3/1/2012	12034418	AM-241	Americium-241	N001	2.03E-10	pCi/L	U	F	0.0169	0.00338	(blank)	C	GEN
GS03	SL	3/1/2012	12034403	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N002	3.76	mg/L	(blank)	F	0.05		(blank)	G	GEN
GS03	SL	3/1/2012	12034418	PU-239,240	Plutonium-239, 240	N001	0.0023	pCi/L	U	F	0.0131	0.00552	(blank)	C	GEN
GS03	SL	3/1/2012	12034418	07440-61-1	Uranium	N001	13.1	ug/L	(blank)	F	0.067		(blank)	C	GEN
GS03	SL	3/15/2012	12044465	AM-241	Americium-241	N003	-0.00417	pCi/L	U	F	0.0288	0.00817	(blank)	C	GEN
GS03	SL	3/15/2012	12034418	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	1.93	mg/L	(blank)	F	0.085		(blank)	G	GEN
GS03	SL	3/15/2012	12044465	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N002	0.775	mg/L	(blank)	F	0.085	J		G	GEN
GS03	SL	3/15/2012	12044465	PU-239,240	Plutonium-239, 240	N003	0.00487	pCi/L	U	F	0.0135	0.00756	(blank)	C	GEN
GS03	SL	3/15/2012	12044465	07440-61-1	Uranium	N003	14.2	ug/L	(blank)	F	0.067		(blank)	C	GEN
GS08	SL	1/5/2012	12024347	AM-241	Americium-241	N001	0.00133	pCi/L	U	F	0.0205	0.00938	(blank)	C	GEN
GS08	SL	1/5/2012	12024347	PU-239,240	Plutonium-239, 240	N001	-0.00411	pCi/L	U	F	0.0118	0.00569	(blank)	C	GEN
GS08	SL	1/5/2012	12024347	07440-61-1	Uranium	N001	9.89	ug/L	(blank)	F	0.067		(blank)	C	GEN
GS08	SL	2/1/2012	12044465	AM-241	Americium-241	N001	-0.0019	pCi/L	U	F	0.0263	0.0112	(blank)	C	GEN
GS08	SL	2/1/2012	12044465	PU-239,240	Plutonium-239, 240	N001	1.06E-09	pCi/L	U	F	0.014	0.00785	(blank)	C	GEN
GS08	SL	2/1/2012	12044465	07440-61-1	Uranium	N001	11.9	ug/L	(blank)	F	0.067		(blank)	C	GEN
GS10	SL	1/5/2012	12014327	AM-241	Americium-241	N001	1.14	pCi/L	(blank)	F	0.0279	0.136	(blank)	C	GEN
GS10	SL	1/5/2012	12014327	PU-239,240	Plutonium-239, 240	N001	0.735	pCi/L	(blank)	F	0.0203	0.106	(blank)	C	GEN
GS10	SL	1/5/2012	12014327	07440-61-1	Uranium	N001	49.7	ug/L	(blank)	F	0.067		(blank)	C	GEN
GS10	SL	1/23/2012	12024347	AM-241	Americium-241	N001	0.0369	pCi/L	(blank)	F	0.0228	0.0169	J	C	GEN
GS10	SL	1/23/2012	12024347	PU-239,240	Plutonium-239, 240	N001	0.0211	pCi/L	(blank)	F	0.0142	0.0128	J	C	GEN
GS10	SL	1/23/2012	12024347	07440-61-1	Uranium	N001	38.3	ug/L	(blank)	F	0.067		(blank)	C	GEN
GS10	SL	1/25/2012	12014322	07440-61-1	Uranium	N001	20	ug/L	(blank)	F	0.02		(blank)	G	STD
GS10	SL	2/2/2012	12024379	AM-241	Americium-241	N001	0.776	pCi/L	(blank)	F	0.0193	0.0912	(blank)	C	GEN
GS10	SL	2/2/2012	12024379	PU-239,240	Plutonium-239, 240	N001	0.466	pCi/L	(blank)	F	0.0142	0.0665	(blank)	C	GEN
GS10	SL	2/2/2012	12024379	07440-61-1	Uranium	N001	49	ug/L	(blank)	F	0.067		(blank)	C	GEN
GS10	SL	2/21/2012	12024379	AM-241	Americium-241	N001	0.214	pCi/L	(blank)	F	0.0173	0.0363	(blank)	C	GEN
GS10	SL	2/21/2012	12024379	PU-239,240	Plutonium-239, 240	N001	0.267	pCi/L	(blank)	F	0.0127	0.0431	(blank)	C	GEN
GS10	SL	2/21/2012	12024379	07440-61-1	Uranium	N001	25.1	ug/L	(blank)	F	0.067		(blank)	C	GEN
GS10	SL	2/24/2012	12034402	AM-241	Americium-241	N001	0.0743	pCi/L	(blank)	F	0.0321	0.0289	J	C	GEN
GS10	SL	2/24/2012	12034402	PU-239,240	Plutonium-239, 240	N001	0.0501	pCi/L	(blank)	F	0.0139	0.0184	(blank)	C	GEN
GS10	SL	2/24/2012	12034402	07440-61-1	Uranium	N001	33.9	ug/L	(blank)	F	0.067		(blank)	C	GEN
GS10	SL	3/1/2012	12034404	07440-61-1	Uranium	N001	19	ug/L	(blank)	F	0.02		(blank)	G	STD
GS10	SL	3/6/2012	12034430	AM-241	Americium-241	N001	0.15	pCi/L	(blank)	F	0.015	0.0279	(blank)	C	GEN
GS10	SL	3/6/2012	12034430	PU-239,240	Plutonium-239, 240	N001	0.114	pCi/L	(blank)	F	0.0154	0.0274	(blank)	C	GEN
GS10	SL	3/6/2012	12034430	07440-61-1	Uranium	N001	38.7	ug/L	(blank)	F	0.067		(blank)	C	GEN
GS10	SL	3/15/2012	12034417	07440-61-1	Uranium	N001	18	ug/L	B	F	0.02		(blank)	G	STD
GS10	SL	3/21/2012	12054552	AM-241	Americium-241	0002	0	pCi/L	U	F	0.0279	0.00857	(blank)	C	GEN
GS10	SL	3/21/2012	12044465	AM-241	Americium-241	N001	0.318	pCi/L	(blank)	F	0.025	0.0558	(blank)	C	GEN
GS10	SL	3/21/2012	12054552	PU-239,240	Plutonium-239, 240	0002	0	pCi/L	U	F	0.0153	0.0141	(blank)	C	GEN
GS10	SL	3/21/2012	12044465	PU-239,240	Plutonium-239, 240	N001	0.246	pCi/L	(blank)	F	0.0138	0.0428	(blank)	C	GEN
GS10	SL	3/21/2012	12054552	07440-61-1	Uranium	0002	34.2	ug/L	(blank)	F	0.067		(blank)	C	GEN
GS10	SL	3/21/2012	12044465	07440-61-1	Uranium	N001	35.5	ug/L	(blank)	F	0.067		(blank)	C	GEN
GS10	SL	3/28/2012	12044451	07440-61-1	Uranium	N001	18	ug/L	(blank)	F	0.05		(blank)	G	STD

Table 1. Analytical Results for Water Samples

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCERTAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
GS10	SL	4/4/2012	12044508	AM-241	Americium-241	N001	0.0517	pCi/L	(blank)	F	0.0311	0.0224	J	C	GEN
GS10	SL	4/4/2012	12044508	PU-239,240	Plutonium-239, 240	N001	0.0342	pCi/L	(blank)	F	0.0142	0.0144	J	C	GEN
GS10	SL	4/4/2012	12044508	07440-61-1	Uranium	N001	27.6	ug/L	(blank)	F	0.067		(blank)	C	GEN
GS10	SL	4/11/2012	12044481	07440-61-1	Uranium	N001	16	ug/L	(blank)	F	0.05		(blank)	C	STD
GS10	SL	4/25/2012	12054552	AM-241	Americium-241	N002	0.478	pCi/L	(blank)	F	0.0204	0.0592	(blank)	C	GEN
GS10	SL	4/25/2012	12054552	PU-239,240	Plutonium-239, 240	N002	0.264	pCi/L	(blank)	F	0.0145	0.0441	(blank)	C	GEN
GS10	SL	4/25/2012	12044510	07440-61-1	Uranium	N001	13	ug/L	(blank)	F	0.05		(blank)	C	STD
GS10	SL	4/25/2012	12054552	07440-61-1	Uranium	N002	16.1	ug/L	(blank)	F	0.067		(blank)	C	GEN
GS11	SL	1/6/2012	12024348	AM-241	Americium-241	N002	0.00697	pCi/L	U	F	0.0268	0.00685	(blank)	C	GEN
GS11	SL	1/6/2012	12024348	PU-239,240	Plutonium-239, 240	N002	-0.00222	pCi/L	U	F	0.0127	0.00688	(blank)	C	GEN
GS11	SL	1/6/2012	12024348	07440-61-1	Uranium	N002	15.9	ug/L	(blank)	F	0.067		(blank)	C	GEN
GS11	SL	2/2/2012	12024380	AM-241	Americium-241	N001	0.0076	pCi/L	U	F	0.0263	0.00915	(blank)	C	GEN
GS11	SL	2/2/2012	12024381	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N002	4.7	mg/L	(blank)	F	0.019		(blank)	C	STD
GS11	SL	2/2/2012	12024380	PU-239,240	Plutonium-239, 240	N001	0.00753	pCi/L	U	F	0.0171	0.00889	(blank)	C	GEN
GS11	SL	2/2/2012	12024380	07440-61-1	Uranium	N001	9.92	ug/L	(blank)	F	0.067		(blank)	C	GEN
GS11	SL	2/24/2012	12034419	AM-241	Americium-241	N002	0.00963	pCi/L	U	F	0.019	0.00812	(blank)	C	GEN
GS11	SL	2/24/2012	12024381	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	9.9	mg/L	(blank)	F	0.019		(blank)	C	STD
GS11	SL	2/24/2012	12034419	PU-239,240	Plutonium-239, 240	N002	0.00729	pCi/L	U	F	0.0118	0.00681	(blank)	C	GEN
GS11	SL	2/24/2012	12034419	07440-61-1	Uranium	N002	14.7	ug/L	(blank)	F	0.067		(blank)	C	GEN
GS11	SL	3/14/2012	12044484	AM-241	Americium-241	N002	0.00354	pCi/L	U	F	0.0245	0.00695	(blank)	C	GEN
GS11	SL	3/14/2012	12034419	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	7.15	mg/L	(blank)	F	0.05		(blank)	C	GEN
GS11	SL	3/14/2012	12044484	PU-239,240	Plutonium-239, 240	N002	0.0066	pCi/L	U	F	0.0146	0.00582	(blank)	C	GEN
GS11	SL	3/14/2012	12044484	07440-61-1	Uranium	N002	16.4	ug/L	(blank)	F	0.067		(blank)	C	GEN
GS11	SL	4/13/2012	12044484	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	0.61	mg/L	(blank)	F	0.085		J	C	GEN
GS12	SL	3/21/2012	12044466	07440-61-1	Uranium	N001	45	ug/L	(blank)	F	0.067		(blank)	C	GEN
GS13	SL	1/5/2012	12034403	07440-61-1	Uranium	N001	8.49	ug/L	(blank)	F	0.067		(blank)	C	GEN
GS13	SL	1/25/2012	12014322	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	24	mg/L	(blank)	F	0.095		(blank)	C	STD
GS13	SL	1/25/2012	12014322	07440-61-1	Uranium	N001	16	ug/L	(blank)	F	0.02		(blank)	G	STD
GS13	SL	3/1/2012	12034404	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	11	mg/L	(blank)	F	0.038		(blank)	G	STD
GS13	SL	3/1/2012	12034404	07440-61-1	Uranium	N001	6.1	ug/L	(blank)	F	0.02		(blank)	G	STD
GS13	SL	3/6/2012	12034430	07440-61-1	Uranium	N001	11.1	ug/L	(blank)	F	0.067		(blank)	C	GEN
GS13	SL	3/15/2012	12034417	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	19	mg/L	(blank)	F	0.095		(blank)	C	STD
GS13	SL	3/15/2012	12034417	07440-61-1	Uranium	N001	10	ug/L	B	F	0.02		(blank)	G	STD
GS13	SL	3/23/2012	12044483	07440-61-1	Uranium	N001	13.6	ug/L	(blank)	F	0.067		(blank)	C	GEN
GS13	SL	3/28/2012	12044451	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	11	mg/L	(blank)	F	0.095		(blank)	G	STD
GS13	SL	3/28/2012	12044451	07440-61-1	Uranium	N001	14	ug/L	(blank)	F	0.05		(blank)	G	STD
GS13	SL	4/11/2012	12044481	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	32	mg/L	(blank)	F	0.19		(blank)	G	STD
GS13	SL	4/11/2012	12044481	07440-61-1	Uranium	N001	16	ug/L	(blank)	F	0.05		(blank)	G	STD
GS13	SL	4/25/2012	12044510	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	28	mg/L	(blank)	F	0.095		(blank)	G	STD
GS13	SL	4/25/2012	12044510	07440-61-1	Uranium	N001	16	ug/L	(blank)	F	0.05		(blank)	G	STD
GS31	SL	1/6/2012	12024380	AM-241	Americium-241	N001	0	pCi/L	U	F	0.0228	0.00456	(blank)	C	GEN
GS31	SL	1/6/2012	12024380	PU-239,240	Plutonium-239, 240	N001	0.00109	pCi/L	U	F	0.0124	0.00643	(blank)	C	GEN
GS31	SL	1/6/2012	12024380	07440-61-1	Uranium	N001	4.91	ug/L	(blank)	F	0.067		(blank)	C	GEN
GS31	SL	2/16/2012	12044484	AM-241	Americium-241	N001	-0.00185	pCi/L	U	F	0.0256	0.00812	(blank)	C	GEN
GS31	SL	2/16/2012	12044484	PU-239,240	Plutonium-239, 240	N001	0.00477	pCi/L	U	F	0.0132	0.00575	(blank)	C	GEN
GS31	SL	2/16/2012	12044484	07440-61-1	Uranium	N001	7.77	ug/L	(blank)	F	0.067		(blank)	C	GEN
SPOUT	TS	1/25/2012	12014322	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	380	mg/L	(blank)	F	0.95		(blank)	G	STD
SPOUT	TS	1/25/2012	12014322	07440-61-1	Uranium	N001	42	ug/L	(blank)	F	0.02		(blank)	G	STD
SPOUT	TS	3/1/2012	12034404	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	400	mg/L	(blank)	F	0.95		(blank)	G	STD
SPOUT	TS	3/1/2012	12034404	07440-61-1	Uranium	N001	41	ug/L	(blank)	F	0.02		(blank)	G	STD
SPOUT	TS	3/15/2012	12034417	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	210	mg/L	(blank)	F	0.95		(blank)	G	STD
SPOUT	TS	3/15/2012	12034417	07440-61-1	Uranium	N001	36	ug/L	B	F	0.02		(blank)	G	STD
SPOUT	TS	3/28/2012	12044451	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	430	mg/L	(blank)	F	0.95		(blank)	G	STD
SPOUT	TS	3/28/2012	12044451	07440-61-1	Uranium	N001	42	ug/L	(blank)	F	0.05		(blank)	G	STD

Table 1. Analytical Results for Water Samples

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCERTAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
SPOUT	TS	4/11/2012	12044481	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	430	mg/L	(blank)	F	0.95		(blank)	G	STD
SPOUT	TS	4/11/2012	12044481	07440-61-1	Uranium	N001	53	ug/L	(blank)	F	0.05		(blank)	G	STD
SPOUT	TS	4/25/2012	12044510	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	390	mg/L	(blank)	F	0.95		(blank)	G	STD
SPOUT	TS	4/25/2012	12044510	07440-61-1	Uranium	N001	53	ug/L	(blank)	F	0.05		(blank)	G	STD
SW093	SL	1/5/2012	12024348	AM-241	Americium-241	N001	0.00307	pCi/L	U	F	0.0237	0.00737	(blank)	C	GEN
SW093	SL	1/5/2012	12024348	PU-239,240	Plutonium-239, 240	N001	3.96E-09	pCi/L	U	F	0.013	0.0144	(blank)	C	GEN
SW093	SL	1/5/2012	12024348	07440-61-1	Uranium	N001	6.18	ug/L	(blank)	F	0.067		(blank)	C	GEN
SW093	SL	1/25/2012	12014322	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	1.8	mg/L	(blank)	F	0.019		(blank)	G	STD
SW093	SL	1/25/2012	12014322	07440-61-1	Uranium	N001	5.1	ug/L	(blank)	F	0.02		(blank)	G	STD
SW093	SL	2/1/2012	12034403	AM-241	Americium-241	N001	0.00578	pCi/L	U	F	0.0266	0.0146	(blank)	C	GEN
SW093	SL	2/1/2012	12034403	PU-239,240	Plutonium-239, 240	N001	-0.0029	pCi/L	U	F	0.0165	0.0057	(blank)	C	GEN
SW093	SL	2/1/2012	12034403	07440-61-1	Uranium	N001	6.63	ug/L	(blank)	F	0.067		(blank)	C	GEN
SW093	SL	2/27/2012	12034418	AM-241	Americium-241	N001	0.00257	pCi/L	U	F	0.0178	0.00505	(blank)	C	GEN
SW093	SL	2/27/2012	12034418	PU-239,240	Plutonium-239, 240	N001	0.00377	pCi/L	U	F	0.0107	0.00453	(blank)	C	GEN
SW093	SL	2/27/2012	12034418	07440-61-1	Uranium	N001	5.42	ug/L	(blank)	F	0.067		(blank)	C	GEN
SW093	SL	3/1/2012	12034404	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	2.9	mg/L	(blank)	F	0.019		(blank)	G	STD
SW093	SL	3/1/2012	12034404	07440-61-1	Uranium	N001	3.1	ug/L	(blank)	F	0.02		(blank)	G	STD
SW093	SL	3/14/2012	12044453	AM-241	Americium-241	N001	0.00154	pCi/L	U	F	0.0213	0.00522	(blank)	C	GEN
SW093	SL	3/14/2012	12044453	PU-239,240	Plutonium-239, 240	N001	-0.0057	pCi/L	U	F	0.0158	0.0079	(blank)	C	GEN
SW093	SL	3/14/2012	12044453	07440-61-1	Uranium	N001	5.09	ug/L	(blank)	F	0.067		(blank)	C	GEN
SW093	SL	3/15/2012	12034417	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	1.3	mg/L	(blank)	F	0.019		(blank)	G	STD
SW093	SL	3/15/2012	12034417	07440-61-1	Uranium	N001	4.9	ug/L	B	F	0.02		(blank)	G	STD
SW093	SL	3/28/2012	12044451	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	0.95	mg/L	(blank)	F	0.019		(blank)	G	STD
SW093	SL	3/28/2012	12044451	07440-61-1	Uranium	N001	5.7	ug/L	(blank)	F	0.05		(blank)	G	STD
SW093	SL	3/29/2012	12044483	AM-241	Americium-241	N001	0	pCi/L	U	F	0.0167	0.00748	(blank)	C	GEN
SW093	SL	3/29/2012	12044483	PU-239,240	Plutonium-239, 240	N001	0.00257	pCi/L	U	F	0.0142	0.00714	(blank)	C	GEN
SW093	SL	3/29/2012	12044483	07440-61-1	Uranium	N001	6.77	ug/L	(blank)	F	0.067		(blank)	C	GEN
SW093	SL	4/11/2012	12044481	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	1.7	mg/L	(blank)	F	0.019		(blank)	G	STD
SW093	SL	4/11/2012	12044481	07440-61-1	Uranium	N001	6.1	ug/L	(blank)	F	0.05		(blank)	G	STD
SW093	SL	4/25/2012	12044510	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	1.7	mg/L	(blank)	F	0.019		(blank)	G	STD
SW093	SL	4/25/2012	12044510	07440-61-1	Uranium	N001	5	ug/L	(blank)	F	0.05		(blank)	G	STD
WALPOC	SL	1/3/2012	12024379	AM-241	Americium-241	N002	-0.00349	pCi/L	U	D	0.0242	0.00968	(blank)	C	GEN
WALPOC	SL	1/3/2012	12024379	AM-241	Americium-241	N003	-0.00378	pCi/L	U	F	0.0261	0.00907	(blank)	C	GEN
WALPOC	SL	1/3/2012	12024379	PU-239,240	Plutonium-239, 240	N002	0.0121	pCi/L	U	D	0.0153	0.00886	(blank)	C	GEN
WALPOC	SL	1/3/2012	12024379	PU-239,240	Plutonium-239, 240	N003	0.00595	pCi/L	U	F	0.0135	0.00843	(blank)	C	GEN
WALPOC	SL	1/3/2012	12024379	07440-61-1	Uranium	N002	12.3	ug/L	(blank)	D	0.067		(blank)	C	GEN
WALPOC	SL	1/3/2012	12024379	07440-61-1	Uranium	N003	12.8	ug/L	(blank)	F	0.067		(blank)	C	GEN
WALPOC	SL	2/23/2012	12034402	AM-241	Americium-241	N002	0.00299	pCi/L	U	F	0.0207	0.00586	(blank)	C	GEN
WALPOC	SL	2/23/2012	12024379	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	7.69	mg/L	(blank)	F	0.1		(blank)	G	GEN
WALPOC	SL	2/23/2012	12034402	PU-239,240	Plutonium-239, 240	N002	0.00139	pCi/L	U	F	0.0158	0.00817	(blank)	C	GEN
WALPOC	SL	2/23/2012	12034402	07440-61-1	Uranium	N002	12.2	ug/L	(blank)	F	0.067		(blank)	C	GEN
WALPOC	SL	3/6/2012	12034430	AM-241	Americium-241	N001	0.00447	pCi/L	U	F	0.0155	0.00694	(blank)	C	GEN
WALPOC	SL	3/6/2012	12034403	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N002	2.14	mg/L	(blank)	F	0.05		(blank)	G	GEN
WALPOC	SL	3/6/2012	12034430	PU-239,240	Plutonium-239, 240	N001	0.00886	pCi/L	U	F	0.0201	0.0116	(blank)	C	GEN
WALPOC	SL	3/6/2012	12034430	07440-61-1	Uranium	N001	14.2	ug/L	(blank)	F	0.067		(blank)	C	GEN
WALPOC	SL	3/21/2012	12044482	AM-241	Americium-241	N001	0.0182	pCi/L	U	F	0.0252	0.0168	(blank)	C	GEN
WALPOC	SL	3/21/2012	12044453	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N002	0.085	mg/L	U	F	0.085		J	G	GEN
WALPOC	SL	3/21/2012	12044482	PU-239,240	Plutonium-239, 240	N001	5.4E-10	pCi/L	U	F	0.0179	0.00635	(blank)	C	GEN
WALPOC	SL	3/21/2012	12044482	07440-61-1	Uranium	N001	14.1	ug/L	(blank)	F	0.067		(blank)	C	GEN
WALPOC	SL	4/13/2012	12044482	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	0.103	mg/L	(blank)	F	0.017		J	G	GEN
WOMPOC	SL	1/3/2012	12024347	AM-241	Americium-241	N001	0	pCi/L	U	F	0.017	0.00431	(blank)	C	GEN
WOMPOC	SL	1/3/2012	12024347	PU-239,240	Plutonium-239, 240	N001	0.00362	pCi/L	U	F	0.0139	0.00711	(blank)	C	GEN
WOMPOC	SL	1/3/2012	12024347	07440-61-1	Uranium	N001	3.33	ug/L	(blank)	F	0.067		(blank)	C	GEN
WOMPOC	SL	2/2/2012	12024379	AM-241	Americium-241	N001	0.00369	pCi/L	U	F	0.017	0.00638	(blank)	C	GEN
WOMPOC	SL	2/2/2012	12024379	AM-241	Americium-241	N002	0.00109	pCi/L	U	D	0.0151	0.0037	(blank)	C	GEN
WOMPOC	SL	2/2/2012	12024379	PU-239,240	Plutonium-239, 240	N001	0.00685	pCi/L	U	F	0.013	0.00778	(blank)	C	GEN
WOMPOC	SL	2/2/2012	12024379	PU-239,240	Plutonium-239, 240	N002	0.00692	pCi/L	U	D	0.0131	0.00558	(blank)	C	GEN
WOMPOC	SL	2/2/2012	12024379	07440-61-1	Uranium	N001	2.71	ug/L	(blank)	F	0.067		(blank)	C	GEN
WOMPOC	SL	2/2/2012	12024379	07440-61-1	Uranium	N002	2.63	ug/L	(blank)	D	0.067		(blank)	C	GEN
WOMPOC	SL	2/23/2012	12034402	AM-241	Americium-241	N001	0.00109	pCi/L	U	F	0.0151	0.00371	(blank)	C	GEN
WOMPOC	SL	2/23/2012	12034402	PU-239,240	Plutonium-239, 240	N001	-0.00566	pCi/L	U	F	0.0161	0.00961	(blank)	C	GEN
WOMPOC	SL	2/23/2012	12034402	07440-61-1	Uranium	N001	2.55	ug/L	(blank)	F	0.067		(blank)	C	GEN
WOMPOC	SL	3/6/2012	12034430	AM-241	Americium-241	N001	0	pCi/L	U	F	0.0133	0.00378	(blank)	C	GEN
WOMPOC	SL	3/6/2012	12034430	PU-239,240	Plutonium-239, 240	N001	-0.00132	pCi/L	U	F	0.015	0.00775	(blank)	C	GEN
WOMPOC	SL	3/6/2012	12034430	07440-61-1	Uranium	N001	3.43	ug/L	(blank)	F	0.067		(blank)	C	GEN
WOMPOC	SL	3/21/2012	12044482	AM-241	Americium-241	N001	-0.00299	pCi/L	U	F	0.0207	0.00717	(blank)	C	GEN
WOMPOC	SL	3/21/2012	12044482	PU-239,240	Plutonium-239, 240	N001	0.0042	pCi/L	U	F	0.0155	0.00615	(blank)	C	GEN
WOMPOC	SL	3/21/2012	12044482	07440-61-1	Uranium	N001	3.98	ug/L	(blank)	F	0.067		(blank)	C	GEN

Table 1. Analytical Results for Water Samples

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCERTAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
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EXPLANATION

SAMPLE_ID

N00x = Sample was not filtered.
000x = Sample was filtered.

WATER_UNIT_OF_MEASURE

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

SAMPLE_TYPE

F = Field Sample
D = Duplicate

DATA_VALIDATION_QUALIFIERS

valid Result is valid.
F Low flow sampling method used.
G Possible grout contamination, pH > 9.
J Estimated value.
L Less than 3 bore volumes purged prior to sampling.
Q Qualitative result due to sampling technique
R Unusable result.
U Parameter analyzed for but was not detected.
X Location is undefined.
999 Validation not complete

LAB_QUALIFIERS

* Replicate analysis not within control limits.
+ Correlation coefficient for MSA < 0.995.
> Result above upper detection limit.
A TIC is a suspected aldol-condensation product.
B Inorganic: Result is between the IDL and CRDL. Organic & Radiochemistry: Analyte also found in method blank.
C Pesticide result confirmed by GC-MS.
D Analyte determined in diluted sample.
E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
H Holding time expired, value suspect.
I Increased detection limit due to required dilution.
J Estimated
M GFAA duplicate injection precision not met.
N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compound (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 2012

Location Code	Sampling Dates		Sample Info			Analytes					Sample Tracking Info		
	Start	End	Collection Method	Type	Filtered	VOC	U	Nitrate	Pu/Am	SVOC	TSS	Ticket	RIN #
GS31	2/16/12 13:27	4/12/12 9:25	composite	F	No		X		X			KFS 603	12044484
B5 POND	3/1/12 9:00	3/1/12 9:00	grab	F	No		X					KEY 292	12034404
B5INFLOW	3/6/12 12:51	3/23/12 8:40	composite	F	No				X			KGT 917	12054552
GS11	3/14/12 11:17	4/13/12 9:57	composite	F	No		X		X			KFS 604	12044484
B5 POND	3/15/12 8:45	3/15/12 8:45	grab	F	No		X					KEQ 052	12034417
WOMPOC	3/21/12 9:04	4/13/12 10:46	composite	F	No		X		X			KFS 594	12044482
GS10	3/21/12 9:37	4/4/12 10:20	composite	F	Yes				X			KGT 918	12054552
WALPOC	3/21/12 10:06	4/13/12 10:08	composite	F	No		X		X			KFS 593	12044482
GS13	3/23/12 8:23	4/13/12 9:32	composite	F	No		X					KFS 598	12044483
B5INFLOW	3/23/12 8:40	4/13/12 9:48	composite	F	No		X					KFS 606	12044484
B5INFLOW	3/23/12 8:40	4/13/12 9:48	composite	F	No				X			KGT 919	12054552
B5 POND	3/28/12 9:00	3/28/12 9:00	grab	F	No		X					KFQ 769	12044451
GS01	3/29/12 9:09	6/6/12 11:43	composite	F	No		X		X			KHX 107	12064627
SW093	3/29/12 9:35	4/13/12 9:24	composite	F	No		X		X			KFS 596	12044483
GS10	4/4/12 10:20	4/25/12 9:31	composite	F	No		X		X			KFT 025	12044508
GS03	4/4/12 11:49	6/6/12 11:20	composite	F	No		X		X			KHX 108	12064627
GS12	4/5/12 11:42	5/3/12 9:23	composite	F	No		X					KGT 933	12054553
SPOUT	4/11/12 9:00	4/11/12 9:00	grab	F	No		X	X				KFS 580	12044481
SW093	4/11/12 9:05	4/11/12 9:05	grab	F	No		X	X				KFS 581	12044481
GS13	4/11/12 9:10	4/11/12 9:10	grab	F	No		X	X				KFS 582	12044481
A1EFF	4/11/12 9:15	4/11/12 9:15	grab	F	No		X	X				KFS 589	12044481
A2EFF	4/11/12 9:25	4/11/12 9:25	grab	F	No		X	X				KFS 590	12044481
A3EFF	4/11/12 9:40	4/11/12 9:40	grab	F	No		X	X				KFS 592	12044481
A4 POND	4/11/12 10:00	4/11/12 10:00	grab	F	No		X	X				KFS 583	12044481
B5INFLOW	4/11/12 10:20	4/11/12 10:20	grab	F	No		X					KFS 584	12044481
B3OUTFLOW	4/11/12 10:45	4/11/12 10:45	grab	F	No		X					KFS 585	12044481
GS10	4/11/12 10:50	4/11/12 10:50	grab	F	No		X					KFS 586	12044481
SW093	4/13/12 9:24	5/21/12 12:49	composite	F	No		X		X			KGU 264	12054580
GS13	4/13/12 9:32	5/21/12 13:00	composite	F	No		X					KGU 265	12054580
B5INFLOW	4/13/12 9:48	5/21/12 12:17	composite	F	No				X			KHV 636	12064603
B5INFLOW	4/13/12 9:48	5/21/12 12:17	composite	F	No		X					KHW 253	12064617
GS11	4/13/12 9:50	4/13/12 9:50	grab	F	No			X				KFS 605	12044484
WALPOC	4/13/12 10:00	4/13/12 10:00	grab	F	No			X				KFS 595	12044482
WOMPOC	4/13/12 10:46	5/21/12 11:21	composite	F	No		X		X			KGU 263	12054579
42505	4/19/12 13:45	4/19/12 13:45	grab	F	No	X						KFS 535	12044478
SPOUT	4/25/12 8:00	4/25/12 8:00	grab	F	No		X	X				KFT 036	12044510
SW093	4/25/12 8:10	4/25/12 8:10	grab	F	No		X	X				KFT 037	12044510
GS13	4/25/12 8:15	4/25/12 8:15	grab	F	No		X	X				KFT 038	12044510
A1EFF	4/25/12 8:20	4/25/12 8:20	grab	F	No		X	X				KFT 045	12044510
A2EFF	4/25/12 8:30	4/25/12 8:30	grab	F	No		X	X				KFT 046	12044510
A3EFF	4/25/12 8:40	4/25/12 8:40	grab	F	No		X	X				KFT 048	12044510
A4 POND	4/25/12 8:50	4/25/12 8:50	grab	F	No		X	X				KFT 039	12044510
B5INFLOW	4/25/12 9:05	4/25/12 9:05	grab	F	No		X					KFT 040	12044510
B3OUTFLOW	4/25/12 9:15	4/25/12 9:15	grab	F	No		X					KFT 041	12044510
GS10	4/25/12 9:20	4/25/12 9:20	grab	F	No		X					KFT 042	12044510
GS10	4/25/12 9:31	5/9/12 13:36	composite	F	No		X		X			KGT 916	12054552
GS10	4/25/12 9:31	5/9/12 13:36	composite	F	Yes				X			KHV 635	12064603
89104	4/25/12 16:00	4/25/12 16:00	grab	F	No	X						KFS 756	12044495
00997	5/2/12 13:55	5/2/12 13:55	grab	F	No	X		X				KFT 125	12044512

Table 2. Water Sampling Events: Second Quarter CY 2012

Location Code	Sampling Dates		Sample Info			Analytes						Sample Tracking Info	
	Start	End	Collection Method	Type	Filtered	VOC	D	Nitrate	Pu/Am	SVOC	TSS	Ticket	RIN #
00997	5/2/12 13:55	5/2/12 13:55	grab	F	Yes		X					KFT 125	12044512
GS12	5/3/12 9:23	6/7/12 9:23	composite	F	No		X					KHX 120	12064629
SPOUT	5/8/12 11:50	5/8/12 11:50	grab	F	No		X	X				KGT 619	12054539
GS13	5/8/12 14:20	5/8/12 14:20	grab	F	No		X	X				KGT 621	12054539
SPOUT	5/9/12 8:00	5/9/12 8:00	grab	F	No		X	X				KGT 921	12054553
SW093	5/9/12 8:10	5/9/12 8:10	grab	F	No		X	X				KGT 922	12054553
GS13	5/9/12 8:15	5/9/12 8:15	grab	F	No		X	X				KGT 923	12054553
A1EFF	5/9/12 8:20	5/9/12 8:20	grab	F	No		X	X				KGT 929	12054553
A2EFF	5/9/12 8:30	5/9/12 8:30	grab	F	No		X	X				KGT 931	12054553
A3EFF	5/9/12 8:40	5/9/12 8:40	grab	F	No		X	X				KGT 932	12054553
A4 POND	5/9/12 8:45	5/9/12 8:45	grab	F	No		X	X				KGT 924	12054553
B5INFLOW	5/9/12 9:10	5/9/12 9:10	grab	F	No		X					KGT 925	12054553
B3OUTFLOW	5/9/12 9:20	5/9/12 9:20	grab	F	No		X					KGT 926	12054553
GS10	5/9/12 9:30	5/9/12 9:30	grab	F	No		X					KGT 927	12054553
GS10	5/9/12 13:36	5/23/12 9:37	composite	F	No		X		X			KGU 261	12054579
10594	5/10/12 12:25	5/10/12 12:25	grab	F	No	X		X				KGT 602	12054539
10594	5/10/12 12:25	5/10/12 12:25	grab	F	Yes		X					KGT 602	12054539
B206989	5/16/12 14:00	5/16/12 14:00	grab	F	No	X		X				KGT 905	12054549
B206989	5/16/12 14:00	5/16/12 14:00	grab	F	Yes		X					KGT 905	12054549
4087	5/16/12 14:40	5/16/12 14:40	grab	F	No	X		X				KGT 899	12054549
4087	5/16/12 14:40	5/16/12 14:40	grab	F	Yes		X					KGT 899	12054549
SW093	5/21/12 12:49	6/20/12 11:30	composite	F	No		X		X			KHQ 760	12064674
GS10	5/22/12 11:41	5/28/12 9:41	composite	F	No		X		X			KGU 848	12054596
11104	5/23/12 8:00	5/23/12 8:00	grab	F	No	X						KGU 162	12054564
11104	5/23/12 8:00	5/23/12 8:00	grab	F	Yes		X					KGU 162	12054564
SPOUT	5/23/12 8:00	5/23/12 8:00	grab	F	No		X	X				KGU 267	12054581
SW093	5/23/12 8:05	5/23/12 8:05	grab	F	No		X	X				KGU 268	12054581
GS13	5/23/12 8:10	5/23/12 8:10	grab	F	No		X	X				KGU 269	12054581
A1EFF	5/23/12 8:15	5/23/12 8:15	grab	F	No		X	X				KGU 275	12054581
A2EFF	5/23/12 8:25	5/23/12 8:25	grab	F	No		X	X				KGU 277	12054581
A4 POND	5/23/12 8:30	5/23/12 8:30	grab	F	No		X	X				KGU 270	12054581
B5INFLOW	5/23/12 8:40	5/23/12 8:40	grab	F	No		X					KGU 271	12054581
B3OUTFLOW	5/23/12 8:50	5/23/12 8:50	grab	F	No		X					KGU 272	12054581
GS10	5/23/12 9:00	5/23/12 9:00	grab	F	No		X					KGU 273	12054581
GS10	5/23/12 9:37	6/14/12 10:06	composite	F	No		X		X			KHY 778	12064634
10304	5/30/12 13:05	5/30/12 13:05	grab	F	No	X		X				KGU 456	12054562
10304	5/30/12 13:05	5/30/12 13:05	grab	F	Yes		X					KGU 456	12054562
10304	5/30/12 13:05	5/30/12 13:05	grab	D	No	X		X				KGU 457	12054562
10304	5/30/12 13:05	5/30/12 13:05	grab	D	Yes		X					KGU 457	12054562
00193	5/31/12 12:35	5/31/12 12:35	grab	F	No	X						KGU 458	12054562
00193	5/31/12 12:35	5/31/12 12:35	grab	F	Yes		X					KGU 458	12054562
SPOUT	6/7/12 7:45	6/7/12 7:45	grab	F	No		X	X				KHW 246	12064617
SW093	6/7/12 7:50	6/7/12 7:50	grab	F	No		X	X				KHW 247	12064617
GS13	6/7/12 8:00	6/7/12 8:00	grab	F	No		X	X				KHW 248	12064617
A4 POND	6/7/12 8:15	6/7/12 8:15	grab	F	No		X	X				KHW 249	12064617
B5 POND	6/7/12 8:20	6/7/12 8:20	grab	F	No		X					KHW 255	12064617
GS10	6/7/12 8:50	6/7/12 8:50	grab	F	No		X					KHW 252	12064617
SPOUT	6/20/12 9:00	6/20/12 9:00	grab	F	No		X	X				KHQ 753	12064673
SW093	6/20/12 9:05	6/20/12 9:05	grab	F	No		X	X				KHQ 754	12064673
A4 POND	6/20/12 9:20	6/20/12 9:20	grab	F	No		X	X				KHQ 756	12064673
GS10	6/20/12 9:35	6/20/12 9:35	grab	F	No		X					KHQ 757	12064673

Table 2. Water Sampling Events: Second Quarter CY 2012

Location Code	Sampling Dates		Sample Info			Analytes					Sample Tracking Info	
	Start	End	Collection Method	Type	Filtered	VOC	U	Nitrate	Pu/Am	SVOC	TSS	Ticket

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