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LOST CREEK ISR, LLC

January 28, 2016

ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Re: Quarterly Reporting Pursuant to License Condition 11.1(A) and 10.8(C)
4th Quarter 2015
Lost Creek ISR Project License SUA-1598

To Whom It May Concern:

This quarterly report has been submitted in accordance with License Condition 11.1(A) for Lost Creek ISR, LLC's (LCI) Lost Creek Project License SUA-1598. License Condition 11.1(A) requires quarterly reporting of the results of excursion monitoring. Additionally, this report includes the results of the quarterly Storage Pond inspections pursuant to LC 10.8(C). This report summarizes the following items:

- Excursion monitoring that has occurred during operations as described in the NRC License Application Technical Report (TR) Section 5.7.8.2;
- Summary report of the quarterly Storage Ponds inspections in accordance with TR Section 5.3.2.3.

The reporting period is the fourth calendar quarter of 2015 spanning from October 1 to December 31, 2015.

MONITORING AND RESULTS

Excursion monitoring parameters include alkalinity, chloride, and specific conductance for which associated Upper Control Limits (UCLs) have been established on a well-by-well basis. Header houses HH1-1 through HH1-12 within Mine Unit 1 (MU1) were operational as of the end of the reporting period. An excursion may be indicated by any one analytical parameter result exceeding the associated UCL by 20% or more or by two or three results exceeding the applicable UCL.

NM55D1

The monitor wells within MU1 were sampled routinely which includes 28 monitor ring wells and 26 (13 overlying and 13 underlying) mine unit wells. Sampling was conducted on a semi-monthly basis at least 10 days apart during production within Mine Unit 1. The results of the excursion monitoring sample analysis are provided on **Attachment 1**. The table displays the analytical result, the applicable UCL value, and the percent difference. A negative percent difference indicates the analytical value is less than the UCL. The percent difference (or percent change) is determined by the following formula:

$$\%\ Difference = \frac{Result - UCL}{UCL} \times 100\%$$

One sampling event was missed for one well MO-109. Sampling of the MO-109/MU-109 pair was delayed during the first round of sampling for October 2015 due to the use of pressure transducers in the wells for automated water level monitoring for a period of time. Following the data collection, MU-109 was eventually sampled for the first round of October but MO-109 was not sampled at that time due to a miscommunication of instructions for sampling. Upon discovery of the oversight, it was too late to collect a first round sample for October.

During the quarter, the conductivity results for MU-109 slightly exceeded but were less than the 20% threshold of the associated UCL as the water quality continued to stabilize from the former excursion. No other exceedance of UCLs occurred during the quarter.

Samples were not collected from the regional DE horizon wells LC29M and MB-10 due to low water yield.

Excursion Status and Corrective Action

The excursions at MU-104 and MU-109 extended into October but both were declared corrected as of October 27, 2015 as described in the respective excursion summary reports.

Therefore, there were no wells on excursion status as of the end of the reporting period. As a result of an investigation into the former excursion at MU-104, it was theorized that the cement around the casing of MU-104 was likely compromised. It was proposed that a replacement well (MU-104A) should be installed and the former plugged and abandoned. The replacement of MU-104 will be discussed in the next quarterly report since it occurred in January 2016.

STORAGE PONDS INSPECTION AND MONITORING

The quarterly Storage Pond water quality samples were collected on November 20, 2015 and the quarterly inspection was completed by the RSO at that same time.

The following items are discussed relating to overall operations of the Ponds over the quarter:

- Freeboard
- Routine Inspections
- Leak detection system
- Water quality monitoring
- Pond monitor wells

Freeboard

The proper amount of freeboard was maintained during the reporting period. The freeboard heights in either Pond were not less than the minimum freeboard limit of 3 feet.

Routine Inspections

Daily inspections were conducted each day throughout the quarter. However, the inspection on November 7, 2015 was not completed by the weekend operator. More robust corrective actions to prevent missed inspections would be implemented by the end of the next quarter and will be described therein.

Leak Detection System

Residual water from the former leak that had been repaired continued to be present in the leak detection sumps (LD sumps) during the reporting quarter. The sump pumps were used manually to purge water from the sumps as needed. The recharge rates of the sumps had been very minimal through the quarter and levels in the sumps had not exceeded the 6 inch action limit. Sump water level data and pump totalizer readings are provided on the table in **Attachment 2**.

The average recharge rates of the North and South Pond Sumps have significantly decreased as shown in **Table 1**:

TABLE 1: Quarterly Average Sump Recharge Rates in Inches per Hour

	1st Quarter 2015	2nd Quarter 2015	3rd Quarter 2015	4th Quarter 2015
North Pond LD Sump	0.18	0.08	0.08	0.02
South Pond LD Sump	0.57	0.15	0.06	0.01

Water Quality Monitoring

Quarterly Pond samples were collected from the Pond surfaces on November 20, 2015. The quarterly Pond samples were submitted to Energy Labs in Casper, WY and analyzed for the required parameters (**Table 2**).

TABLE 2: Pond and LD Sump Water Quality

Sample ID	Sample Date	Total Alkalinity (CaCO3)	Chloride	Cond., Specific @ 25°C	pH	Sodium	Sulfate	Total Dissolved Solids	Arsenic	Selenium	Uranium, Total	Radium-226
		mg/L	mg/L	µS/cm	s. u.	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pCi/L
N Pond	**11/20/2015**	360	24,200	59,800	7.97	--	1,450	37,700	0.015	0.20	33.8	80
S Pond	**11/20/2015**	770	16,400	44,100	7.91	--	1,740	27,100	0.019	0.11	403	642

Pond Monitor Wells

Pond monitor wells were measured in conjunction with the quarterly inspection. No water was detected in the wells as summarized on **Table 3**:

TABLE 3: Pond Monitor Well Water Levels

Well ID	Date	Water Level (ft-bmp)	Total Depth (ft-bmp)
MW-1	11/20/2015	ND	NM
MW-2	11/20/2015	ND	NM
MW-3	11/20/2015	ND	NM
MW-4	11/20/2015	ND	NM

If you have any questions regarding this report or require additional information please contact me at the Casper office.

Sincerely,

Michael D. Gaither
Manager EHS and Regulatory Affairs
Ur-Energy USA, Inc

Attachments: **Attachment 1: Water Quality Data Tables**
Attachment 2: LD Sump Data

Cc: Deputy Director, Division of Decommissioning
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Attachment 1: MU1 Water Quality Data
4th Quarter 2015
Lost Creek ISR Project SUA-1598

Well ID	Well Type	Collection Date	Days Apart	Alkalinity (mg/L)			Chloride (mg/L)			Specific Conductance			Comments
				Assay	UCL*	% Chg	Assay	UCL*	% Chg	Assay	UCL*	% Chg	
M-101	MU1 Ring	10/7/2015	--	111	172	-35	5.6	21	-74	634	965	-34	
M-101	MU1 Ring	10/21/2015	-14	111	172	-36	6.3	21	-70	637	965	-34	
M-101	MU1 Ring	11/4/2015	-14	110	172	-36	6.2	21	-70	639	965	-34	
M-101	MU1 Ring	11/17/2015	-13	111	172	-36	6.2	21	-70	634	965	-34	
M-101	MU1 Ring	12/2/2015	-15	104	172	-40	5.5	21	-74	652	965	-32	
M-101	MU1 Ring	12/17/2015	-15	107	172	-38	5.5	21	-74	642	965	-33	
M-102	MU1 Ring	10/7/2015	--	135	173	-22	5.7	20	-71	809	971	-17	
M-102	MU1 Ring	10/21/2015	-14	134	173	-23	6.7	20	-67	803	971	-17	
M-102	MU1 Ring	11/4/2015	-14	137	173	-21	6.5	20	-67	804	971	-17	
M-102	MU1 Ring	11/17/2015	-13	135	173	-22	9.3	20	-54	801	971	-17	
M-102	MU1 Ring	12/2/2015	-15	139	173	-20	6.1	20	-70	816	971	-16	
M-102	MU1 Ring	12/17/2015	-15	138	173	-20	6.0	20	-70	806	971	-17	
M-103A	MU1 Ring	10/7/2015	--	134	150	-11	5.9	21	-72	814	1171	-31	
M-103A	MU1 Ring	10/21/2015	-14	138	150	-8	6.1	21	-71	827	1171	-29	
M-103A	MU1 Ring	11/4/2015	-14	138	150	-8	6.4	21	-70	824	1171	-30	
M-103A	MU1 Ring	11/17/2015	-13	134	150	-11	6.4	21	-70	824	1171	-30	
M-103A	MU1 Ring	12/2/2015	-15	134	150	-11	6.8	21	-68	830	1171	-29	
M-103A	MU1 Ring	12/21/2015	-19	137	150	-9	6.7	21	-68	825	1171	-30	
M-104	MU1 Ring	10/7/2015	--	141	173	-19	7.0	22	-68	802	1162	-31	
M-104	MU1 Ring	10/21/2015	-14	144	173	-17	5.9	22	-73	813	1162	-30	
M-104	MU1 Ring	11/4/2015	-14	136	173	-21	6.2	22	-72	812	1162	-30	
M-104	MU1 Ring	11/17/2015	-13	143	173	-17	6.0	22	-73	809	1162	-30	
M-104	MU1 Ring	12/2/2015	-15	138	173	-20	6.5	22	-71	827	1162	-29	
M-104	MU1 Ring	12/21/2015	-19	141	173	-19	7.3	22	-67	842	1162	-28	
M-105	MU1 Ring	10/7/2015	--	120	148	-19	6.2	21	-70	647	1036	-38	
M-105	MU1 Ring	10/21/2015	-14	117	148	-21	5.3	21	-75	643	1036	-38	
M-105	MU1 Ring	11/4/2015	-14	121	148	-18	5.6	21	-73	629	1036	-39	
M-105	MU1 Ring	11/18/2015	-14	121	148	-18	5.8	21	-72	613	1036	-41	
M-105	MU1 Ring	12/2/2015	-14	122	148	-18	5.2	21	-75	652	1036	-37	
M-105	MU1 Ring	12/21/2015	-19	126	148	-15	5.7	21	-73	721	1036	-30	
M-106	MU1 Ring	10/7/2015	--	118	134	-12	6.3	21	-70	607	980	-38	
M-106	MU1 Ring	10/21/2015	-14	122	134	-9	6.1	21	-71	615	980	-37	
M-106	MU1 Ring	11/4/2015	-14	114	134	-15	5.8	21	-72	615	980	-37	
M-106	MU1 Ring	11/18/2015	-14	122	134	-9	5.8	21	-72	621	980	-37	
M-106	MU1 Ring	12/2/2015	-14	113	134	-16	5.6	21	-73	628	980	-36	
M-106	MU1 Ring	12/21/2015	-19	122	134	-9	5.7	21	-73	713	980	-27	
M-107	MU1 Ring	10/7/2015	--	116	138	-16	6.0	21	-71	669	1033	-35	
M-107	MU1 Ring	10/21/2015	-14	116	138	-16	6.5	21	-69	675	1033	-35	
M-107	MU1 Ring	11/4/2015	-14	122	138	-12	6.5	21	-69	672	1033	-35	
M-107	MU1 Ring	11/18/2015	-14	118	138	-15	5.6	21	-73	682	1033	-34	
M-107	MU1 Ring	12/2/2015	-14	123	138	-11	6.8	21	-68	680	1033	-34	
M-107	MU1 Ring	12/21/2015	-19	121	138	-12	6.4	21	-69	680	1033	-34	
M-108	MU1 Ring	10/7/2015	--	112	127	-12	5.8	21	-72	550	905	-39	
M-108	MU1 Ring	10/21/2015	-14	113	127	-11	5.5	21	-74	555	905	-39	
M-108	MU1 Ring	11/4/2015	-14	106	127	-16	5.6	21	-73	553	905	-39	
M-108	MU1 Ring	11/18/2015	-14	110	127	-13	5.7	21	-73	552	905	-39	
M-108	MU1 Ring	12/2/2015	-14	107	127	-16	5.9	21	-72	553	905	-39	
M-108	MU1 Ring	12/21/2015	-19	105	127	-17	6.2	21	-71	546	905	-40	
M-109	MU1 Ring	10/7/2015	--	106	161	-34	5.4	20	-73	570	703	-19	
M-109	MU1 Ring	10/21/2015	-14	108	161	-33	5.3	20	-73	574	703	-18	
M-109	MU1 Ring	11/4/2015	-14	112	161	-30	5.5	20	-73	577	703	-18	
M-109	MU1 Ring	11/18/2015	-14	114	161	-29	6.3	20	-68	584	703	-17	
M-109	MU1 Ring	12/2/2015	-14	115	161	-29	5.8	20	-71	601	703	-15	
M-109	MU1 Ring	12/21/2015	-19	114	161	-29	5.8	20	-71	593	703	-16	
M-110	MU1 Ring	10/7/2015	--	109	147	-26	6.3	21	-70	554	1022	-46	
M-110	MU1 Ring	10/21/2015	-14	111	147	-25	6.8	21	-68	568	1022	-44	
M-110	MU1 Ring	11/4/2015	-14	113	147	-23	6.8	21	-68	562	1022	-45	
M-110	MU1 Ring	11/18/2015	-14	110	147	-25	7.1	21	-66	570	1022	-44	
M-110	MU1 Ring	12/2/2015	-14	112	147	-24	6.2	21	-70	587	1022	-43	
M-110	MU1 Ring	12/21/2015	-19	112	147	-24	6.3	21	-70	581	1022	-43	
M-111	MU1 Ring	10/7/2015	--	114	146	-22	6.2	21	-70	554	897	-38	
M-111	MU1 Ring	10/21/2015	-14	111	146	-24	6.5	21	-69	547	897	-39	
M-111	MU1 Ring	11/4/2015	-14	104	146	-28	6.2	21	-70	546	897	-39	
M-111	MU1 Ring	11/18/2015	-14	110	146	-25	5.4	21	-74	541	897	-40	
M-111	MU1 Ring	12/2/2015	-14	108	146	-26	5.5	21	-74	554	897	-38	
M-111	MU1 Ring	12/21/2015	-19	104	146	-29	5.7	21	-73	551	897	-39	
M-112	MU1 Ring	10/7/2015	--	108	147	-27	6.8	20	-66	546	636	-14	
M-112	MU1 Ring	10/21/2015	-14	108	147	-27	6.0	20	-70	551	636	-13	
M-112	MU1 Ring	11/4/2015	-14	114	147	-22	5.8	20	-71	552	636	-13	
M-112	MU1 Ring	11/18/2015	-14	111	147	-25	5.2	20	-74	546	636	-14	
M-112	MU1 Ring	12/2/2015	-14	114	147	-22	6.5	20	-68	553	636	-13	
M-112	MU1 Ring	12/21/2015	-19	113	147	-23	6.0	20	-70	561	636	-12	
M-113	MU1 Ring	10/6/2015	--	105	203	-48	5.1	21	-76	496	631	-21	
M-113	MU1 Ring	10/20/2015	-14	110	203	-46	7.7	21	-63	505	631	-20	
M-113	MU1 Ring	11/3/2015	-14	103	203	-49	4.9	21	-77	509	631	-19	
M-113	MU1 Ring	11/17/2015	-14	99	203	-51	5.2	21	-75	503	631	-20	

Attachment 1: MU1 Water Quality Data
4th Quarter 2015
Lost Creek ISR Project SUA-1598

Well ID	Well Type	Collection Date	Days Apart	Alkalinity (mg/L)			Chloride (mg/L)			Specific Conductance			Comments
				Assay	UCL*	% Chg	Assay	UCL*	% Chg	Assay	UCL*	% Chg	
M-113	MU1 Ring	12/1/2015	-14	99	203	-51	4.8	21	-77	496	631	-21	
M-113	MU1 Ring	12/17/2015	-16	103	203	-49	5.5	21	-74	513	631	-19	
M-114A	MU1 Ring	10/6/2015	--	104	139	-25	5.8	20	-71	511	772	-34	
M-114A	MU1 Ring	10/20/2015	-14	105	139	-25	5.8	20	-71	514	772	-33	
M-114A	MU1 Ring	11/3/2015	-14	103	139	-26	5.0	20	-75	519	772	-33	
M-114A	MU1 Ring	11/17/2015	-14	114	139	-18	5.7	20	-71	515	772	-33	
M-114A	MU1 Ring	12/1/2015	-14	108	139	-22	5.4	20	-73	516	772	-33	
M-114A	MU1 Ring	12/17/2015	-16	103	139	-26	4.9	20	-75	525	772	-32	
M-115A	MU1 Ring	10/6/2015	--	107	126	-15	5.0	20	-75	494	726	-32	
M-115A	MU1 Ring	10/20/2015	-14	104	126	-17	5.1	20	-75	490	726	-33	
M-115A	MU1 Ring	11/5/2015	-16	107	126	-15	5.1	20	-75	437	726	-40	
M-115A	MU1 Ring	11/17/2015	-12	103	126	-18	5.2	20	-74	488	726	-33	
M-115A	MU1 Ring	12/1/2015	-14	104	126	-17	5.8	20	-71	489	726	-33	
M-115A	MU1 Ring	12/17/2015	-16	120	126	-4	4.8	20	-76	499	726	-31	
M-116A	MU1 Ring	10/6/2015	--	106	134	-21	4.5	20	-77	488	679	-28	
M-116A	MU1 Ring	10/20/2015	-14	106	134	-21	6.4	20	-68	488	679	-28	
M-116A	MU1 Ring	11/3/2015	-14	111	134	-17	5.5	20	-73	488	679	-28	
M-116A	MU1 Ring	11/17/2015	-14	101	134	-25	4.9	20	-76	485	679	-29	
M-116A	MU1 Ring	12/1/2015	-14	100	134	-25	5.3	20	-74	492	679	-28	
M-116A	MU1 Ring	12/17/2015	-16	104	134	-23	5.6	20	-72	498	679	-27	
M-117	MU1 Ring	10/6/2015	--	104	139	-25	5.5	20	-73	478	711	-33	
M-117	MU1 Ring	10/20/2015	-14	106	139	-24	6.2	20	-69	477	711	-33	
M-117	MU1 Ring	11/4/2015	-15	105	139	-24	4.8	20	-76	478	711	-33	
M-117	MU1 Ring	11/17/2015	-13	107	139	-23	5.7	20	-71	477	711	-33	
M-117	MU1 Ring	12/1/2015	-14	104	139	-25	4.8	20	-76	486	711	-32	
M-117	MU1 Ring	12/17/2015	-16	109	139	-21	5.7	20	-72	488	711	-31	
M-118	MU1 Ring	10/6/2015	--	103	108	-5	5.8	21	-72	492	762	-35	
M-118	MU1 Ring	10/20/2015	-14	102	108	-6	4.9	21	-77	494	762	-35	
M-118	MU1 Ring	11/3/2015	-14	104	108	-4	5.6	21	-73	497	762	-35	
M-118	MU1 Ring	11/17/2015	-14	107	108	-1	5.6	21	-73	494	762	-35	
M-118	MU1 Ring	12/1/2015	-14	110	108	2	5.2	21	-75	502	762	-34	
M-118	MU1 Ring	12/17/2015	-16	107	108	-1	5.2	21	-75	507	762	-33	
M-119	MU1 Ring	10/6/2015	--	116	128	-9	5.5	20	-72	471	622	-24	
M-119	MU1 Ring	10/20/2015	-14	118	128	-8	5.3	20	-74	471	622	-24	
M-119	MU1 Ring	11/3/2015	-14	116	128	-9	5.9	20	-71	476	622	-23	
M-119	MU1 Ring	11/17/2015	-14	111	128	-13	5.8	20	-71	472	622	-24	
M-119	MU1 Ring	12/1/2015	-14	109	128	-15	6.0	20	-70	477	622	-23	
M-119	MU1 Ring	12/17/2015	-16	113	128	-12	5.2	20	-74	484	622	-22	
M-120A	MU1 Ring	10/6/2015	--	108	142	-24	5.3	20	-73	481	715	-33	
M-120A	MU1 Ring	10/20/2015	-14	107	142	-24	5.3	20	-73	478	715	-33	
M-120A	MU1 Ring	11/3/2015	-14	108	142	-24	6.1	20	-69	495	715	-31	
M-120A	MU1 Ring	11/17/2015	-14	112	142	-21	5.5	20	-72	497	715	-30	
M-120A	MU1 Ring	12/1/2015	-14	110	142	-23	5.9	20	-70	500	715	-30	
M-120A	MU1 Ring	12/17/2015	-16	113	142	-20	5.9	20	-70	512	715	-28	
M-121	MU1 Ring	10/6/2015	--	111	140	-21	5.0	20	-75	504	755	-33	
M-121	MU1 Ring	10/20/2015	-14	113	140	-19	5.5	20	-72	507	755	-33	
M-121	MU1 Ring	11/3/2015	-14	110	140	-22	5.2	20	-74	510	755	-32	
M-121	MU1 Ring	11/17/2015	-14	114	140	-19	6.3	20	-69	502	755	-33	
M-121	MU1 Ring	12/1/2015	-14	113	140	-19	5.1	20	-75	509	755	-33	
M-121	MU1 Ring	12/17/2015	-16	113	140	-19	5.2	20	-74	517	755	-31	
M-122	MU1 Ring	10/6/2015	--	114	142	-20	5.3	20	-74	495	593	-17	
M-122	MU1 Ring	10/20/2015	-14	112	142	-21	5.8	20	-71	499	593	-16	
M-122	MU1 Ring	11/3/2015	-14	114	142	-20	4.9	20	-75	498	593	-16	
M-122	MU1 Ring	11/17/2015	-14	109	142	-24	7.2	20	-64	498	593	-16	
M-122	MU1 Ring	12/1/2015	-14	109	142	-23	5.0	20	-75	501	593	-16	
M-122	MU1 Ring	12/17/2015	-16	110	142	-22	5.5	20	-73	510	593	-14	
M-123	MU1 Ring	10/6/2015	--	112	131	-14	5.7	20	-71	489	718	-32	
M-123	MU1 Ring	10/20/2015	-14	113	131	-14	5.2	20	-74	496	718	-31	
M-123	MU1 Ring	11/4/2015	-15	112	131	-14	5.5	20	-73	494	718	-31	
M-123	MU1 Ring	11/17/2015	-13	117	131	-10	6.8	20	-66	490	718	-32	

Attachment 1: MU1 Water Quality Data
4th Quarter 2015
Lost Creek ISR Project SUA-1598

Well ID	Well Type	Collection Date	Days Apart	Alkalinity (mg/L)			Chloride (mg/L)			Specific Conductance			Comments
				Assay	UCL*	% Chg	Assay	UCL*	% Chg	Assay	UCL*	% Chg	
M-123	MU1 Ring	12/1/2015	-14	116	131	-11	5.7	20	-72	495	718	-31	
M-123	MU1 Ring	12/17/2015	-16	117	131	-11	5.8	20	-71	501	718	-30	
M-124	MU1 Ring	10/6/2015	--	114	123	-7	5.4	20	-73	466	536	-13	
M-124	MU1 Ring	10/20/2015	-14	114	123	-7	4.6	20	-77	465	536	-13	
M-124	MU1 Ring	11/4/2015	-15	113	123	-8	5.8	20	-71	465	536	-13	
M-124	MU1 Ring	11/17/2015	-13	109	123	-12	6.8	20	-66	464	536	-13	
M-124	MU1 Ring	12/1/2015	-14	110	123	-11	5.4	20	-73	468	536	-13	
M-124	MU1 Ring	12/17/2015	-16	109	123	-12	5.1	20	-75	472	536	-12	
M-125	MU1 Ring	10/6/2015	--	107	135	-21	5.9	21	-72	540	657	-18	
M-125	MU1 Ring	10/20/2015	-14	107	135	-21	5.9	21	-72	540	657	-18	
M-125	MU1 Ring	11/4/2015	-15	108	135	-20	6.2	21	-71	542	657	-17	
M-125	MU1 Ring	11/17/2015	-13	106	135	-21	10.2	21	-51	538	657	-18	
M-125	MU1 Ring	12/1/2015	-14	105	135	-22	5.9	21	-72	544	657	-17	
M-125	MU1 Ring	12/17/2015	-16	106	135	-21	5.8	21	-72	550	657	-16	
M-126	MU1 Ring	10/6/2015	--	106	194	-46	5.4	21	-74	525	682	-23	
M-126	MU1 Ring	10/20/2015	-14	110	194	-43	6.3	21	-70	526	682	-23	
M-126	MU1 Ring	11/4/2015	-15	104	194	-47	5.5	21	-74	524	682	-23	
M-126	MU1 Ring	11/17/2015	-13	110	194	-43	9.3	21	-56	526	682	-23	
M-126	MU1 Ring	12/1/2015	-14	109	194	-44	5.4	21	-74	530	682	-22	
M-126	MU1 Ring	12/17/2015	-16	110	194	-43	5.8	21	-72	528	682	-23	
M-127	MU1 Ring	10/6/2015	--	112	149	-25	5.8	21	-73	528	792	-33	
M-127	MU1 Ring	10/20/2015	-14	111	149	-26	6.2	21	-71	526	792	-34	
M-127	MU1 Ring	11/4/2015	-15	112	149	-25	5.8	21	-72	531	792	-33	
M-127	MU1 Ring	11/17/2015	-13	106	149	-29	5.8	21	-72	533	792	-33	
M-127	MU1 Ring	12/1/2015	-14	109	149	-27	6.2	21	-71	537	792	-32	
M-127	MU1 Ring	12/17/2015	-16	108	149	-28	6.5	21	-69	543	792	-31	
M-128	MU1 Ring	10/6/2015	--	108	122	-12	5.9	21	-72	548	802	-32	
M-128	MU1 Ring	10/21/2015	-15	111	122	-9	5.3	21	-75	550	802	-31	
M-128	MU1 Ring	11/4/2015	-14	109	122	-10	6.3	21	-70	552	802	-31	
M-128	MU1 Ring	11/17/2015	-13	109	122	-11	5.6	21	-73	544	802	-32	
M-128	MU1 Ring	12/1/2015	-14	107	122	-12	6.1	21	-71	544	802	-32	
M-128	MU1 Ring	12/17/2015	-16	109	122	-10	5.8	21	-72	547	802	-32	
MO-101	MU1 Overlying	10/7/2015	--	107	136	-21	7.8	23	-66	630	824	-24	
MO-101	MU1 Overlying	10/22/2015	-15	105	136	-23	11.3	23	-51	620	824	-25	
MO-101	MU1 Overlying	11/5/2015	-14	104	136	-23	8.4	23	-64	630	824	-24	
MO-101	MU1 Overlying	11/18/2015	-13	105	136	-23	8.5	23	-63	636	824	-23	
MO-101	MU1 Overlying	12/2/2015	-14	104	136	-24	7.6	23	-67	644	824	-22	
MO-101	MU1 Overlying	12/21/2015	-19	110	136	-19	7.2	23	-69	649	824	-21	
MO-102	MU1 Overlying	10/7/2015	--	104	125	-17	6.0	21	-71	578	670	-14	
MO-102	MU1 Overlying	10/22/2015	-15	99	125	-21	6.6	21	-68	575	670	-14	
MO-102	MU1 Overlying	11/5/2015	-14	100	125	-20	7.4	21	-65	580	670	-13	
MO-102	MU1 Overlying	11/18/2015	-13	102	125	-18	7.0	21	-67	584	670	-13	
MO-102	MU1 Overlying	12/2/2015	-14	99	125	-21	5.9	21	-72	585	670	-13	
MO-102	MU1 Overlying	12/21/2015	-19	98	125	-22	6.2	21	-70	590	670	-12	
MO-103	MU1 Overlying	10/7/2015	--	110	130	-15	8.3	21	-61	665	849	-22	
MO-103	MU1 Overlying	10/22/2015	-15	110	130	-15	10.4	21	-50	657	849	-23	
MO-103	MU1 Overlying	11/5/2015	-14	113	130	-13	9.6	21	-54	658	849	-22	
MO-103	MU1 Overlying	11/18/2015	-13	113	130	-13	8.3	21	-61	669	849	-21	
MO-103	MU1 Overlying	12/3/2015	-15	114	130	-12	9.5	21	-55	663	849	-22	
MO-103	MU1 Overlying	12/21/2015	-18	125	130	-4	9.6	21	-54	683	849	-20	
MO-104	MU1 Overlying	10/7/2015	--	114	160	-29	9.2	24	-62	591	714	-17	
MO-104	MU1 Overlying	10/22/2015	-15	114	160	-29	8.6	24	-64	594	714	-17	
MO-104	MU1 Overlying	11/5/2015	-14	112	160	-30	8.4	24	-65	594	714	-17	
MO-104	MU1 Overlying	11/18/2015	-13	114	160	-29	8.4	24	-65	611	714	-14	
MO-104	MU1 Overlying	12/3/2015	-15	112	160	-30	9.3	24	-61	603	714	-16	
MO-104	MU1 Overlying	12/21/2015	-18	114	160	-29	9.7	24	-60	611	714	-14	
MO-105	MU1 Overlying	10/8/2015	--	104	128	-19	5.2	20	-74	459	669	-31	
MO-105	MU1 Overlying	10/22/2015	-14	98	128	-23	6.2	20	-69	466	669	-30	
MO-105	MU1 Overlying	11/5/2015	-14	100	128	-22	5.3	20	-73	466	669	-30	
MO-105	MU1 Overlying	11/18/2015	-13	100	128	-22	5.3	20	-74	474	669	-29	
MO-105	MU1 Overlying	12/3/2015	-15	103	128	-20	5.4	20	-73	480	669	-28	
MO-105	MU1 Overlying	12/22/2015	-19	101	128	-21	5.8	20	-71	471	669	-30	
MO-106	MU1 Overlying	10/8/2015	--	90	143	-37	5.5	20	-73	443	626	-29	
MO-106	MU1 Overlying	10/22/2015	-14	94	143	-34	6.3	20	-69	449	626	-28	
MO-106	MU1 Overlying	11/5/2015	-14	99	143	-31	6.3	20	-69	453	626	-28	
MO-106	MU1 Overlying	11/18/2015	-13	98	143	-32	5.5	20	-72	460	626	-27	

Attachment 1: MU1 Water Quality Data
4th Quarter 2015
Lost Creek ISR Project SUA-1598

Well ID	Well Type	Collection Date	Days Apart	Alkalinity (mg/L)			Chloride (mg/L)			Specific Conductance			Comments
				Assay	UCL*	% Chg	Assay	UCL*	% Chg	Assay	UCL*	% Chg	
MO-106	MU1 Overlying	12/3/2015	-15	92	143	-36	5.2	20	-74	456	626	-27	
MO-106	MU1 Overlying	12/22/2015	-19	94	143	-34	5.7	20	-72	457	626	-27	
MO-107	MU1 Overlying	10/8/2015	--	96	110	-13	5.3	20	-74	458	502	-9	
MO-107	MU1 Overlying	10/22/2015	-14	100	110	-9	5.7	20	-71	458	502	-9	
MO-107	MU1 Overlying	11/6/2015	-15	105	110	-5	6.0	20	-70	461	502	-8	
MO-107	MU1 Overlying	11/19/2015	-13	104	110	-5	5.5	20	-72	466	502	-7	
MO-107	MU1 Overlying	12/3/2015	-14	100	110	-9	5.8	20	-71	471	502	-6	
MO-107	MU1 Overlying	12/22/2015	-19	101	110	-8	6.2	20	-69	477	502	-5	
MO-108	MU1 Overlying	10/8/2015	--	98	118	-17	6.9	20	-65	494	513	-4	
MO-108	MU1 Overlying	10/22/2015	-14	101	118	-15	5.7	20	-72	493	513	-4	
MO-108	MU1 Overlying	11/6/2015	-15	99	118	-16	5.9	20	-71	492	513	-4	
MO-108	MU1 Overlying	11/19/2015	-13	97	118	-18	5.7	20	-72	494	513	-4	
MO-108	MU1 Overlying	12/3/2015	-14	101	118	-14	6.8	20	-66	498	513	-3	
MO-108	MU1 Overlying	12/22/2015	-19	100	118	-15	6.3	20	-69	501	513	-2	
MO-109	MU1 Overlying	10/8/2015	--	--	120	--	--	21	--	--	567	--	Sample missed
MO-109	MU1 Overlying	10/22/2015	-14	103	120	-14	7.3	21	-65	498	567	-12	
MO-109	MU1 Overlying	11/6/2015	-15	105	120	-13	8.6	21	-59	514	567	-9	
MO-109	MU1 Overlying	11/19/2015	-13	107	120	-11	8.3	21	-61	515	567	-9	
MO-109	MU1 Overlying	12/3/2015	-14	109	120	-9	8.4	21	-60	519	567	-8	
MO-109	MU1 Overlying	12/22/2015	-19	109	120	-10	10.0	21	-53	532	567	-6	
MO-110	MU1 Overlying	10/8/2015	--	96	128	-25	5.7	23	-75	429	533	-19	
MO-110	MU1 Overlying	10/23/2015	-15	97	128	-24	5.2	23	-77	413	533	-22	
MO-110	MU1 Overlying	11/6/2015	-14	96	128	-25	5.5	23	-76	431	533	-19	
MO-110	MU1 Overlying	11/19/2015	-13	99	128	-23	5.8	23	-75	433	533	-19	
MO-110	MU1 Overlying	12/3/2015	-14	95	128	-26	4.8	23	-79	433	533	-19	
MO-110	MU1 Overlying	12/22/2015	-19	95	128	-26	5.3	23	-77	433	533	-19	
MO-111	MU1 Overlying	10/8/2015	--	101	115	-13	6.0	20	-70	420	639	-34	
MO-111	MU1 Overlying	10/23/2015	-15	97	115	-15	5.6	20	-72	419	639	-34	
MO-111	MU1 Overlying	11/6/2015	-14	101	115	-12	5.2	20	-74	422	639	-34	
MO-111	MU1 Overlying	11/19/2015	-13	101	115	-12	5.2	20	-74	431	639	-33	
MO-111	MU1 Overlying	12/3/2015	-14	100	115	-13	5.2	20	-74	429	639	-33	
MO-111	MU1 Overlying	12/22/2015	-19	103	115	-10	6.0	20	-70	435	639	-32	
MO-112	MU1 Overlying	10/8/2015	--	95	252	-62	5.7	22	-74	396	541	-27	
MO-112	MU1 Overlying	10/23/2015	-15	94	252	-63	6.2	22	-72	401	541	-26	
MO-112	MU1 Overlying	11/6/2015	-14	96	252	-62	5.2	22	-76	397	541	-27	
MO-112	MU1 Overlying	11/19/2015	-13	91	252	-64	5.1	22	-77	398	541	-26	
MO-112	MU1 Overlying	12/4/2015	-15	92	252	-63	6.4	22	-71	397	541	-27	
MO-112	MU1 Overlying	12/22/2015	-18	94	252	-63	6.0	22	-73	403	541	-26	
MO-113	MU1 Overlying	10/8/2015	--	98	121	-19	5.5	21	-74	442	484	-9	
MO-113	MU1 Overlying	10/23/2015	-15	102	121	-15	5.7	21	-73	440	484	-9	
MO-113	MU1 Overlying	11/6/2015	-14	99	121	-18	5.8	21	-73	443	484	-8	
MO-113	MU1 Overlying	11/19/2015	-13	99	121	-18	5.4	21	-74	447	484	-8	
MO-113	MU1 Overlying	12/4/2015	-15	103	121	-15	5.6	21	-73	447	484	-8	
MO-113	MU1 Overlying	12/22/2015	-18	102	121	-16	5.2	21	-75	449	484	-7	
MU-101	MU1 Underlying	10/7/2015	--	113	157	-28	6.2	20	-69	535	653	-18	
MU-101	MU1 Underlying	10/22/2015	-15	111	157	-29	5.9	20	-70	532	653	-19	
MU-101	MU1 Underlying	11/5/2015	-14	109	157	-31	5.8	20	-71	536	653	-18	
MU-101	MU1 Underlying	11/18/2015	-13	110	157	-30	4.8	20	-76	542	653	-17	
MU-101	MU1 Underlying	12/2/2015	-14	113	157	-28	5.3	20	-74	544	653	-17	
MU-101	MU1 Underlying	12/21/2015	-19	110	157	-30	5.3	20	-73	545	653	-17	
MU-102	MU1 Underlying	10/7/2015	--	101	119	-15	5.4	19	-72	430	507	-15	
MU-102	MU1 Underlying	10/22/2015	-15	102	119	-14	4.4	19	-77	420	507	-17	
MU-102	MU1 Underlying	11/5/2015	-14	101	119	-15	5.1	19	-73	423	507	-16	
MU-102	MU1 Underlying	11/18/2015	-13	101	119	-15	5.2	19	-73	429	507	-15	
MU-102	MU1 Underlying	12/2/2015	-14	102	119	-14	5.6	19	-70	429	507	-15	
MU-102	MU1 Underlying	12/21/2015	-19	106	119	-11	4.7	19	-75	430	507	-15	
MU-103	MU1 Underlying	10/7/2015	--	98	213	-54	5.1	20	-74	412	560	-26	
MU-103	MU1 Underlying	10/22/2015	-15	99	213	-54	5.2	20	-74	412	560	-26	
MU-103	MU1 Underlying	11/5/2015	-14	105	213	-51	4.5	20	-77	415	560	-26	
MU-103	MU1 Underlying	11/18/2015	-13	103	213	-52	5.4	20	-73	420	560	-25	
MU-103	MU1 Underlying	12/3/2015	-15	103	213	-52	5.2	20	-74	418	560	-25	
MU-103	MU1 Underlying	12/21/2015	-18	100	213	-53	5.1	20	-75	424	560	-24	
MU-104	MU1 Underlying	10/7/2015	--	100	159	-37	5.3	21	-75	412	572	-28	
MU-104	MU1 Underlying	10/22/2015	-15	104	159	-35	5.7	21	-73	416	572	-27	
MU-104	MU1 Underlying	11/5/2015	-14	99	159	-38	4.7	21	-78	395	572	-31	
MU-104	MU1 Underlying	11/18/2015	-13	101	159	-36	4.8	21	-77	404	572	-29	

Attachment 1: MU1 Water Quality Data
4th Quarter 2015
Lost Creek ISR Project SUA-1598

Well ID	Well Type	Collection Date	Days Apart	Alkalinity (mg/L)			Chloride (mg/L)			Specific Conductance			Comments
				Assay	UCL*	% Chg	Assay	UCL*	% Chg	Assay	UCL*	% Chg	
MU-104	MU1 Underlying	12/3/2015	-15	99	159	-38	5.2	21	-75	409	572	-28	
MU-104	MU1 Underlying	12/21/2015	-18	97.68	159	-39	5.3	21	-75	402	572	-30	
MU-105	MU1 Underlying	10/8/2015	--	102	124	-17	4.9	19	-74	432	562	-23	
MU-105	MU1 Underlying	10/22/2015	-14	103	124	-17	4.8	19	-75	435	562	-23	
MU-105	MU1 Underlying	11/5/2015	-14	101	124	-19	5.4	19	-72	440	562	-22	
MU-105	MU1 Underlying	11/18/2015	-13	101	124	-19	4.5	19	-76	443	562	-21	
MU-105	MU1 Underlying	12/3/2015	-15	100	124	-19	4.7	19	-75	444	562	-21	
MU-105	MU1 Underlying	12/22/2015	-19	100	124	-19	5.0	19	-74	440	562	-22	
MU-106	MU1 Underlying	10/8/2015	--	103	137	-24	5.4	20	-73	451	522	-14	
MU-106	MU1 Underlying	10/22/2015	-14	101	137	-26	5.3	20	-74	450	522	-14	
MU-106	MU1 Underlying	11/5/2015	-14	100	137	-27	5.7	20	-71	453	522	-13	
MU-106	MU1 Underlying	11/18/2015	-13	100	137	-27	5.7	20	-72	462	522	-12	
MU-106	MU1 Underlying	12/3/2015	-15	100	137	-27	5.0	20	-75	461	522	-12	
MU-106	MU1 Underlying	12/22/2015	-19	101	137	-26	5.9	20	-71	462	522	-12	
MU-107	MU1 Underlying	10/8/2015	--	102	136	-25	5.6	20	-72	463	556	-17	
MU-107	MU1 Underlying	10/22/2015	-14	100	136	-26	5.4	20	-73	463	556	-17	
MU-107	MU1 Underlying	11/6/2015	-15	99	136	-27	5.6	20	-72	464	556	-17	
MU-107	MU1 Underlying	11/19/2015	-13	103	136	-25	5.4	20	-73	469	556	-16	
MU-107	MU1 Underlying	12/3/2015	-14	104	136	-24	5.4	20	-73	469	556	-16	
MU-107	MU1 Underlying	12/22/2015	-19	105	136	-22	5.1	20	-74	472	556	-15	
KPW-2	MU1 Underlying	10/8/2015	--	100	136	-27	5.9	21	-72	477	615	-22	
KPW-2	MU1 Underlying	10/22/2015	-14	106	136	-22	5.3	21	-75	474	615	-23	
KPW-2	MU1 Underlying	11/6/2015	-15	104	136	-24	5.3	21	-75	472	615	-23	
KPW-2	MU1 Underlying	11/19/2015	-13	103	136	-24	5.4	21	-74	479	615	-22	
KPW-2	MU1 Underlying	12/3/2015	-14	101	136	-26	5.5	21	-74	480	615	-22	
KPW-2	MU1 Underlying	12/22/2015	-19	102	136	-25	5.2	21	-75	482	615	-22	
MU-109	MU1 Underlying	10/14/2015	--	127	196	-35	14.6	23	-37	570	525	*8*	
MU-109	MU1 Underlying	10/26/2015	-12	119	196	-39	12.7	23	-45	541	525	*3*	
MU-109	MU1 Underlying	11/6/2015	-11	119	196	-39	11.9	23	-48	538	525	*2*	
MU-109	MU1 Underlying	11/19/2015	-13	116	196	-41	10.9	23	-52	539	525	*3*	
MU-109	MU1 Underlying	12/3/2015	-14	112	196	-43	10.7	23	-53	529	525	*1*	
MU-109	MU1 Underlying	12/22/2015	-19	113	196	-42	11.8	23	-49	532	525	*1*	
MU-110	MU1 Underlying	10/8/2015	--	87	144	-40	7.9	24	-67	449	596	-25	
MU-110	MU1 Underlying	10/23/2015	-15	86	144	-40	7.8	24	-67	446	596	-25	
MU-110	MU1 Underlying	11/6/2015	-14	88	144	-39	8.0	24	-67	453	596	-24	
MU-110	MU1 Underlying	11/19/2015	-13	89	144	-38	7.7	24	-68	459	596	-23	
MU-110	MU1 Underlying	12/3/2015	-14	88	144	-39	7.3	24	-70	460	596	-23	
MU-110	MU1 Underlying	12/22/2015	-19	88	144	-39	8.2	24	-66	455	596	-24	
MU-111	MU1 Underlying	10/8/2015	--	94	188	-50	5.5	22	-75	494	652	-24	
MU-111	MU1 Underlying	10/23/2015	-15	93	188	-51	6.2	22	-72	494	652	-24	
MU-111	MU1 Underlying	11/6/2015	-14	92	188	-51	6.8	22	-69	502	652	-23	
MU-111	MU1 Underlying	11/19/2015	-13	92	188	-51	7.9	22	-64	507	652	-22	
MU-111	MU1 Underlying	12/3/2015	-14	93	188	-51	7.0	22	-68	503	652	-23	
MU-111	MU1 Underlying	12/22/2015	-19	105	188	-44	6.6	22	-70	503	652	-23	
MU-112	MU1 Underlying	10/8/2015	--	95	224	-58	5.1	24	-79	433	483	-10	
MU-112	MU1 Underlying	10/23/2015	-15	94	224	-58	5.2	24	-78	435	483	-10	
MU-112	MU1 Underlying	11/6/2015	-14	95	224	-57	5.0	24	-79	436	483	-10	
MU-112	MU1 Underlying	11/19/2015	-13	98	224	-56	5.3	24	-78	440	483	-9	
MU-112	MU1 Underlying	12/4/2015	-15	96	224	-57	4.8	24	-80	440	483	-9	
MU-112	MU1 Underlying	12/22/2015	-18	95	224	-58	4.7	24	-80	439	483	-9	
MU-113	MU1 Underlying	10/8/2015	--	91	140	-35	5.3	25	-79	463	590	-22	
MU-113	MU1 Underlying	10/23/2015	-15	89	140	-36	5.0	25	-80	463	590	-22	
MU-113	MU1 Underlying	11/6/2015	-14	92	140	-35	4.8	25	-81	468	590	-21	
MU-113	MU1 Underlying	11/19/2015	-13	91	140	-35	4.5	25	-82	474	590	-20	
MU-113	MU1 Underlying	12/4/2015	-15	90	140	-36	4.7	25	-81	474	590	-20	
MU-113	MU1 Underlying	12/22/2015	-18	90	140	-36	5.5	25	-78	475	590	-20	
LC29M	Regional DE	8/14/2015	N/A	--	N/A	N/A	--	N/A	N/A	--	N/A	N/A	
MB-10	Regional DE	8/17/2015	N/A	--	N/A	N/A	--	N/A	N/A	--	N/A	N/A	

UCL : *Upper Control Limit*
* *UCL calculated on a per-well basis*
Italics : *Indicates warning when result is > UCL but < 120% of UCL*
Bold Italics : *Indicates value > 120% of UCL*

Attachment 1: MU1 Water Quality Data - Quality Control
4th Quarter 2015
Lost Creek ISR Project SUA-1598

QC Sample ID	Collection Date	QC Type	Source Sample ID	Alkalinity (mg/L)			Chloride (mg/L)			Sp. Cond. (uS/cm)		
				QC Sample Assay	Source Sample Assay	RPD	QC Sample Assay	Source Sample Assay	RPD	QC Sample Assay	Primary Sample Assay	RPD
M-129	10/06/2015	Duplicate	M-116A	103	106	3	5.7	4.5	24	489	488	0
M-129	10/20/2015	Duplicate	M-116A	102	106	4	4.9	6.4	26	488	488	0
M-129	11/03/2015	Duplicate	M-113	100	103	3	5.5	4.9	12	515	509	1
M-129	11/17/2015	Duplicate	M-113	107	99	7	5.4	5.2	5	510	503	1
M-129	12/01/2015	Duplicate	M-118	107	110	3	5.7	5.2	9	504	502	0
M-129	12/17/2015	Duplicate	M-117	108	109	1	5.1	5.7	11	492	488	1
M-130	10/06/2015	Blank	N/A	ND	N/A	N/A	ND	N/A	N/A	1.1	N/A	N/A
M-130	10/20/2015	Blank	N/A	ND	N/A	N/A	ND	N/A	N/A	1.2	N/A	N/A
M-130	11/03/2015	Blank	N/A	ND	N/A	N/A	ND	N/A	N/A	1.5	N/A	N/A
M-130	11/17/2015	Blank	N/A	ND	N/A	N/A	ND	N/A	N/A	1.7	N/A	N/A
M-130	12/01/2015	Blank	N/A	ND	N/A	N/A	ND	N/A	N/A	2.0	N/A	N/A
M-130	12/17/2015	Blank	N/A	0.8	N/A	N/A	0.4	N/A	N/A	1.9	N/A	N/A
M-131	10/06/2015	Duplicate	M-118	106	103	3	5.0	5.8	15	498	492	1
M-131	10/20/2015	Duplicate	M-117	106	106	0	5.5	6.2	11	480	477	1
M-131	11/03/2015	Duplicate	M-116A	105	111	5	4.9	4.5	9	490	488	0
M-131	11/17/2015	Duplicate	M-114A	108	114	6	5.2	5.7	10	520	515	1
M-131	12/01/2015	Duplicate	M-119	109	111	2	4.9	5.8	17	480	472	2
M-131	12/17/2015	Duplicate	M-118	106	107	1	5.1	5.2	1	510	507	1
M-132	10/06/2015	Blank	N/A	ND	N/A	N/A	ND	N/A	N/A	1.2	N/A	N/A
M-132	10/20/2015	Blank	N/A	ND	N/A	N/A	ND	N/A	N/A	1.2	N/A	N/A
M-132	11/03/2015	Blank	N/A	ND	N/A	N/A	ND	N/A	N/A	1.5	N/A	N/A
M-132	11/17/2015	Blank	N/A	ND	N/A	N/A	ND	N/A	N/A	1.7	N/A	N/A
M-132	12/01/2015	Blank	N/A	ND	N/A	N/A	ND	N/A	N/A	2.0	N/A	N/A
M-132	12/17/2015	Blank	N/A	1	N/A	N/A	0.4	N/A	N/A	2	N/A	N/A
MO-121	10/08/2015	Duplicate	KPW-2	101	100	1	5.7	5.9	3	474	477	1
MO-121	10/22/2015	Duplicate	KPW-2	100	106	6	5.0	5.3	6	476	474	0
MO-121	11/05/2015	Duplicate	MO-101	108	104	3	7.3	8.4	14	634	630	1
MO-121	11/18/2015	Duplicate	MU-104	99	101	2	5.6	4.8	15	404	404	0
MO-121	12/02/2015	Duplicate	MO-102	98	95	3	6.6	5.9	12	588	585	1
MO-121	12/21/2015	Duplicate	MO-103	112	125	11	9.8	9.6	2	679	683	1
MO-122	10/08/2015	Blank	N/A	0.2	N/A	N/A	1.0	N/A	N/A	1.1	N/A	N/A
MO-122	10/22/2015	Blank	N/A	ND	N/A	N/A	ND	N/A	N/A	1.1	N/A	N/A
MO-122	11/05/2015	Blank	N/A	ND	N/A	N/A	ND	N/A	N/A	1.6	N/A	N/A
MO-122	11/18/2015	Blank	N/A	ND	N/A	N/A	ND	N/A	N/A	1.6	N/A	N/A
MO-122	12/02/2015	Blank	N/A	ND	N/A	N/A	ND	N/A	N/A	2.2	N/A	N/A
MO-122	12/21/2015	Blank	N/A	ND	N/A	N/A	ND	N/A	N/A	2.2	N/A	N/A
MU-123	10/08/2015	Duplicate	MU-110	87	87	0	8.1	7.9	2	447	449	0
MU-123	10/22/2015	Duplicate	MO-108	98	101	3	6.7	5.7	17	496	493	1
MU-123	11/05/2015	Duplicate	MU-101	108	109	1	5.5	5.8	6	536	536	0
MU-123	11/18/2015	Duplicate	MO-105	103	100	3	5.1	5.3	3	479	474	1
MU-123	12/02/2015	Duplicate	MU-102	106	102	3	4.8	5.6	16	429	429	0
MU-123	12/21/2015	Duplicate	MU-103	109	100	9	4.1	5.1	22	447	424	5
MU-124	10/08/2015	Blank	N/A	0.1	N/A	N/A	1.0	N/A	N/A	1.2	N/A	N/A
MU-124	10/22/2015	Blank	N/A	ND	N/A	N/A	ND	N/A	N/A	1.1	N/A	N/A
MU-124	11/05/2015	Blank	N/A	ND	N/A	N/A	ND	N/A	N/A	1.6	N/A	N/A
MU-124	11/18/2015	Blank	N/A	ND	N/A	N/A	ND	N/A	N/A	1.6	N/A	N/A
MU-124	12/02/2015	Blank	N/A	ND	N/A	N/A	ND	N/A	N/A	2.1	N/A	N/A
MU-124	12/21/2015	Blank	N/A	ND	N/A	N/A	ND	N/A	N/A	1.3	N/A	N/A

RPD: Relative Percent Difference

Attachment 2: LD Sump Measurements
4th Quarter 2015
Lost Creek ISR Project SUA-1598

Date	North LD Sump Water Depth (inches)	N Sump Totalizer Reading (gal)	Net Volume Pumped (gal)	South LD Sump Water Depth (inches)	S Sump Totalizer Reading (gal)	Net Volume Pumped (gal)	Precip* (inches)	Comments
10/1/2015	2.5	397.4	--	2.0	480.1	--	--	
10/2/2015	3.0	399.9	2.5	5.5	488.9	8.8	--	
10/3/2015	1.0	--	--	2.0	--	--	--	
10/4/2015	1.8	--	--	3.5	--	--	--	
10/5/2015	3.0	401.0	1.1	4.0	493.5	4.6	--	
10/6/2015	1.5	--	--	4.0	--	--	0.01	
10/7/2015	1.5	--	--	0.5	--	--	--	
10/8/2015	1.7	--	--	0.5	--	--	--	
10/9/2015	1.0	--	--	1.3	--	--	--	
10/10/2015	1.0	--	--	1.0	--	--	--	
10/11/2015	1.0	--	--	1.0	--	--	--	
10/12/2015	3.0	406.2	5.2	2.0	495.7	2.2	--	
10/13/2015	1.3	--	--	1.0	--	--	--	
10/14/2015	1.8	--	--	1.8	--	--	--	
10/15/2015	2.8	408.5	2.3	2.5	499.4	3.7	--	
10/16/2015	2.3	408.9	0.4	3.0	499.9	0.5	--	
10/17/2015	2.0	--	--	1.0	--	--	--	
10/18/2015	1.0	--	--	2.0	--	--	--	
10/19/2015	3.0	412.4	3.5	2.8	499.9	0.0	0.03	
10/20/2015	3.5	414.2	1.8	2.8	500.0	0.1	--	
10/21/2015	3.3	415.7	1.5	3.0	500.0	0.0	0.04	
10/22/2015	2.0	415.7	0.0	2.0	500.0	0.0	0.26	
10/23/2015	2.8	416.4	0.7	2.5	500.0	0.0	--	
10/24/2015	1.0	--	--	1.0	--	--	--	
10/25/2015	1.0	--	--	1.0	--	--	--	
10/26/2015	2.8	416.9	0.5	2.3	500.0	0.0	--	
10/27/2015	2.0	416.9	0.0	2.5	500.2	0.2	--	
10/28/2015	3.5	417.0	0.1	2.8	500.2	0.0	--	
10/29/2015	3.0	417.0	0.0	2.5	500.2	0.0	--	
10/30/2015	3.0	417.5	0.5	2.8	500.2	0.0	--	
10/31/2015	2.5	--	--	0.5	--	--	--	
11/1/2015	2.0	--	--	1.0	--	--	--	
11/2/2015	3.0	421.0	3.5	2.0	500.4	0.2	--	
11/3/2015	4.3	423.3	2.3	2.5	500.4	0.0	0.07	
11/4/2015	3.0	426.0	2.7	2.0	500.6	0.2	--	
11/5/2015	3.6	427.2	1.2	2.8	500.6	0.0	--	
11/6/2015	4.0	427.5	0.3	2.6	500.6	0.0	--	
11/7/2015	--	--	--	--	--	--	--	Missed inspection
11/8/2015	2.0	--	--	2.0	--	--	--	
11/9/2015	4.0	427.5	0.0	2.3	500.6	0.0	--	
11/10/2015	3.5	429.1	1.6	2.5	500.6	0.0	--	
11/11/2015	4.0	429.2	0.1	3.0	500.6	0.0	--	
11/12/2015	3.5	429.2	0.0	2.5	500.6	0.0	--	
11/13/2015	2.5	429.6	0.4	2.0	500.6	0.0	--	
11/14/2015	1.5	--	--	1.0	--	--	--	
11/15/2015	1.0	--	--	1.2	--	--	--	
11/16/2015	4.3	429.8	0.2	2.5	500.7	0.1	--	
11/17/2015	3.3	429.8	0.0	2.5	500.7	0.0	--	
11/18/2015	4.3	430.9	1.1	2.5	500.7	0.0	--	

Attachment 2: LD Sump Measurements
4th Quarter 2015
Lost Creek ISR Project SUA-1598

Date	North LD Sump Water Depth (inches)	N Sump Totalizer Reading (gal)	Net Volume Pumped (gal)	South LD Sump Water Depth (inches)	S Sump Totalizer Reading (gal)	Net Volume Pumped (gal)	Precip* (inches)	Comments
11/19/2015	3.5	431.3	0.4	2.5	500.8	0.1	--	
11/20/2015	2.8	431.3	0.0	2.5	500.8	0.0	--	
11/21/2015	1.0	--	--	1.0	--	--	--	
11/22/2015	1.0	--	--	1.0	--	--	--	
11/23/2015	2.5	431.3	0.0	2.5	500.8	0.0	--	
11/24/2015	2.5	431.3	0.0	2.0	500.8	0.0	--	
11/25/2015	2.5	431.3	0.0	2.0	500.8	0.0	--	
11/26/2015	2.0	--	--	2.0	--	--	--	
11/27/2015	2.0	--	--	2.0	--	--	--	
11/28/2015	1.0	--	--	2.0	--	--	--	
11/29/2015	1.0	--	--	1.0	--	--	--	
11/30/2015	2.5	431.3	0.0	2.8	500.8	0.0	--	
12/1/2015	2.5	431.3	0.0	2.8	500.8	0.0	--	
12/2/2015	2.5	431.3	0.0	2.8	500.8	0.0	--	
12/3/2015	2.8	431.3	0.0	2.5	500.8	0.0	--	
12/4/2015	2.7	431.3	0.0	2.5	500.8	0.0	--	
12/5/2015	0.5	--	--	1.0	--	--	--	
12/6/2015	0.5	--	--	1.0	--	--	--	
12/7/2015	2.3	431.3	0.0	2.0	500.8	0.0	--	
12/8/2015	2.3	431.3	0.0	2.0	500.8	0.0	--	
12/9/2015	1.8	431.3	0.0	1.5	500.8	0.0	--	
12/10/2015	1.5	431.3	0.0	1.0	500.8	0.0	--	
12/11/2015	2.3	431.3	0.0	1.3	500.8	0.0	--	
12/12/2015	0.3	--	--	0.0	--	--	--	
12/13/2015	0.3	--	--	0.0	--	--	--	
12/14/2015	2.0	431.3	0.0	1.8	500.8	0.0	--	
12/15/2015	2.0	--	--	1.0	--	--	--	
12/16/2015	2.3	431.3	0.0	1.8	500.8	0.0	--	
12/17/2015	2.5	431.3	0.0	1.8	500.8	0.0	--	
12/18/2015	1.8	431.3	0.0	1.0	500.8	0.0	--	
12/19/2015	1.5	--	--	0.0	--	--	--	
12/20/2015	1.5	--	--	0.0	--	--	--	
12/21/2015	2.3	431.3	0.0	1.5	500.8	0.0	--	
12/22/2015	2.3	431.3	0.0	1.3	500.8	0.0	--	
12/23/2015	2.2	431.3	0.0	1.0	500.8	0.0	--	
12/24/2015	0.8	--	--	0.5	--	--	--	
12/25/2015	1.0	--	--	0.0	--	--	--	
12/26/2015	0.5	--	--	0.0	--	--	--	
12/27/2015	0.5	--	--	0.0	--	--	--	
12/28/2015	2.5	431.3	0.0	1.5	500.8	0.0	--	
12/29/2015	2.0	431.3	0.0	1.3	500.8	0.0	--	
12/30/2015	1.8	431.3	0.0	1.3	500.8	0.0	--	
12/31/2015	1.8	431.3	0.0	1.2	500.8	0.0	--	

NM: Not measured
NR: Not recorded
N/A: Not available
**From Rawlins Weather Service Station*