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LOST CREEK ISR, LLC

July 19, 2016

Brian Wood
State of Wyoming Department of Environmental Quality
Land Quality Division
510 Meadowview Drive
Lander, WY 82520

**Re: Quarterly Report for 2nd Quarter 2016 for the Lost Creek ISR Project
Permit #788 (BLM WYW-166318)**

Dear Mr. Wood,

This Quarterly Report for the second calendar quarter of 2016 for the Lost Creek ISR Project has been submitted pursuant to Wyoming Department of Environmental Quality - Land Quality Division (LQD) Rules and Regulations Chapter 11 Section 15(b) to provide a summary of:

- *Mechanical Integrity Testing (Ch11 Sect 15(b)(ii)).*
- *Wellfield Monitoring and Water Quality (Ch11 Sect 14).*

Mechanical Integrity Testing

A total of 13 Mechanical Integrity Tests (MIT) were performed on a total of 12 wells in accordance with the approved Permit Operations Plan Section 3.4. Results are summarized on **Attachment 1**. The MITs resulted in 13 successful tests with 0 failures, therefore, no wells were abandoned or scheduled for abandonment this quarter.

Wellfield Monitoring

Wellfield injection and production in Mine Unit 1 (MU1) continued throughout the quarter with thirteen (13) header houses in operation as of the end of the second quarter. Lixiviant was generated by the addition of sodium carbonate (NaCO_3 or "soda ash") solution, carbon dioxide (CO_2), and oxygen (O_2) to the injection stream.

The injection rates and pressures for each header house manifold are provided on **Attachment 2**. Additionally, production flow (PC), injection flow (IC), bleed values, and number of wells injecting are also represented. The bleed rate percentage is calculated by dividing the bleed rate by the production rate and multiplying by 100. Main bleed is diverted in a metered line directly from the injection circuit line. Additional bleed is determined by accounting for the swab water

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generated from the wellfield and converting the volume to a flow rate equivalent. Bleed water is disposed of by approved means in the waste water stream and not reintroduced into circulation.

Groundwater level data collected from Mine Unit 1 (MU1) and regional monitoring wells is included on **Attachment 3**. Water levels for MU1 were measured semi-monthly in conjunction with routine excursion groundwater sampling for the ring, overlying, and underlying monitor wells. Some supplemental measurements were taken in the “M” wells in addition to the routine measurements. Quarterly water levels were collected from regional wells (“LC” and “MB” wells). The wells experienced typical fluctuation in water levels for “MO” and “MU” wells and no significant changes in levels occurred. Fluctuations are typical for the “M” wells but more pronounced since they are directly affected by water balance in the wellfield.

Data results from routine groundwater quality monitoring analysis and associated quality control (QC) is included as **Attachment 4**. Excursion monitoring parameters include alkalinity, chloride, and specific conductance for which associated Upper Control Limits (UCLs) have been established by well group (i.e. ring, overlying, and underlying wells). As described in the Permit Operations Plan Section 3.6.4, 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 respective UCL. The MU1 monitor wells were sampled routinely which includes 28 monitor ring wells, 26 mine unit wells (13 overlying and 13 underlying), and 2 regional DE horizon wells. Sampling for operational monitoring was conducted in MU1 on a semi-monthly basis with each event at least 10 days apart. 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:

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

None of the analytical results exceeded the associated UCL during the quarter.

Samples were not collected from the regional DE horizon wells LC29M and MB-10 due to lack of water in the well.

If you have any questions regarding this submittal please feel free to contact me at the Casper Office.

Sincerely,



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

Attachments: Attachment 1: Mechanical Integrity Testing
Attachment 2: Operational Flow Summary
Attachment 3: Groundwater Level Measurement Data
Attachment 4: MU1 Water Quality Data

Cc: Mr. Mark Newman, BLM Rawlins Field Office
Mr. John Saxton, NRC (via e-mail)
Ms. Theresa Horne, Ur-Energy, Littleton Office (via e-mail)

**Attachment 1: Mechanical Integrity Testing
2nd Quarter 2016
Lost Creek ISR Project PT788**

	Well ID	Well Type	MIT ⁽¹⁾ Date	P/F	P&A ⁽²⁾ Date	Comments
1	11262	I	4/12/2016	Pass	N/A	
2	11460	I	5/16/2016	Pass	N/A	
3	11461	I	4/5/2016	Pass	N/A	
4	11461	I	4/15/2016	Pass	N/A	
5	11464	I	4/15/2016	Pass	N/A	
6	11550	I	4/11/2016	Pass	N/A	
7	11639	I	5/16/2016	Pass	N/A	
8	1P239	P	5/16/2016	Pass	N/A	
9	1P242	P	5/16/2016	Pass	N/A	
10	1P243	P	4/5/2016	Pass	N/A	
11	1P265	P	5/16/2016	Pass	N/A	
12	1P283	P	5/16/2016	Pass	N/A	
13	M-205	M	5/12/2016	Pass	N/A	

13 Total MITs
13 Pass
0 Fails
12 Wells Tested
0 Net Failed Wells

(1) MIT method for "Monitoring Wells" as described in WDEQ Permit #788 Operations Plan Section 3.4. Test performed by using packer(s) to isolate casing and then pressurize well.

(2) Plugging and abandonment (P&A) according to WDEQ Permit #788 Reclamation Plan Section 3.1

I: Class III Injection Well

P: Production Well

M: Monitor Well

Attachment 2: Plant Operational Flow Summary
2nd Quarter 2016
Lost Creek ISR Project PT788

Date	Production Flow Rate (avg gpm)	Injection Flow Rate (avg gpm)	Main Bleed Flow Rate (avg gpm)	Alternate Bleed* (equiv. gpm)	Total Bleed Rate (%)	Comments
4/1/2016	1834	1826	9.1	2.5	0.63%	
4/2/2016	1825	1816	10.7	---	0.59%	
4/3/2016	1813	1804	10.7	---	0.59%	
4/4/2016	1809	1801	10.7	---	0.59%	
4/5/2016	1789	1785	8.6	2.6	0.63%	
4/6/2016	1846	1841	8.5	3.4	0.64%	
4/7/2016	1875	1869	8.2	3.7	0.64%	
4/8/2016	1881	1872	10.7	---	0.57%	
4/9/2016	1848	1842	10.8	---	0.58%	
4/10/2016	1821	1815	10.7	---	0.58%	
4/11/2016	1827	1822	8.4	3.5	0.65%	
4/12/2016	1834	1827	10.2	---	0.56%	
4/13/2016	1773	1778	8.8	2.6	0.64%	
4/14/2016	1863	1858	10.6	---	0.57%	
4/15/2016	1880	1876	9.1	2.6	0.62%	
4/16/2016	1881	1876	10.6	---	0.56%	
4/17/2016	1865	1860	10.6	---	0.57%	
4/18/2016	1845	1839	10.5	---	0.57%	
4/19/2016	1841	1835	10.5	---	0.57%	
4/20/2016	1832	1826	10.6	---	0.58%	
4/21/2016	1825	1819	10.4	---	0.57%	
4/22/2016	1816	1811	10.3	---	0.57%	
4/23/2016	1806	1801	10.2	---	0.56%	
4/24/2016	1804	1798	10.3	---	0.57%	
4/25/2016	1814	1799	10.5	---	0.58%	
4/26/2016	1853	1845	10.6	---	0.57%	
4/27/2016	1840	1834	10.5	---	0.57%	
4/28/2016	1838	1833	10.0	---	0.55%	
4/29/2016	1883	1876	9.5	1.4	0.58%	
4/30/2016	1946	1937	10.9	---	0.56%	
5/1/2016	2004	1993	11.3	---	0.56%	
5/2/2016	2034	2026	10.1	3.1	0.65%	
5/3/2016	2056	2049	8.3	5.1	0.65%	
5/4/2016	2051	2041	11.6	---	0.56%	
5/5/2016	2086	2077	8.0	6.2	0.68%	
5/6/2016	2085	2075	9.5	3.4	0.62%	
5/7/2016	2074	2063	11.8	---	0.57%	
5/8/2016	2057	2044	11.7	---	0.57%	
5/9/2016	2033	2020	11.5	---	0.57%	
5/10/2016	2006	1996	9.6	3.0	0.63%	
5/11/2016	2006	1997	9.0	3.5	0.62%	
5/12/2016	1998	1989	8.3	5.0	0.67%	
5/13/2016	1974	1963	11.4	---	0.58%	
5/14/2016	1937	1928	11.2	---	0.58%	
5/15/2016	1931	1922	10.9	---	0.57%	
5/16/2016	1930	1925	7.8	5.0	0.66%	
5/17/2016	1915	1910	8.7	4.8	0.71%	
5/18/2016	1938	1931	9.2	2.5	0.60%	
5/19/2016	1972	1967	8.0	4.6	0.64%	
5/20/2016	1992	1986	8.8	4.0	0.64%	
5/21/2016	1995	1986	11.5	---	0.58%	

**Attachment 2: Plant Operational Flow Summary
2nd Quarter 2016
Lost Creek ISR Project PT788**

Date	Production Flow Rate (avg gpm)	Injection Flow Rate (avg gpm)	Main Bleed Flow Rate (avg gpm)	Alternate Bleed* (equiv. gpm)	Total Bleed Rate (%)	Comments
5/22/2016	2013	2004	11.6	---	0.57%	
5/23/2016	2041	2035	9.1	4.0	0.64%	
5/24/2016	2095	2090	8.8	5.0	0.66%	
5/25/2016	2107	2098	11.4	3.7	0.72%	
5/26/2016	2130	2119	11.5	5.0	0.78%	
5/27/2016	2147	2135	12.6	---	0.59%	
5/28/2016	2128	2114	14.9	---	0.70%	
5/29/2016	2102	2088	14.8	---	0.70%	
5/30/2016	2068	2054	14.7	---	0.71%	
5/31/2016	1261	1249	12.1	---	0.96%	
6/1/2016	2066	2056	11.6	3.8	0.74%	
6/2/2016	2098	2089	10.6	3.8	0.69%	
6/3/2016	2130	2123	9.0	4.2	0.62%	
6/4/2016	2120	2108	13.6	---	0.64%	
6/5/2016	2101	2089	14.3	---	0.68%	
6/6/2016	2180	2173	9.6	7.6	0.79%	
6/7/2016	2208	2196	13.1	---	0.59%	
6/8/2016	2246	2233	13.3	---	0.59%	
6/9/2016	2219	2211	12.7	---	0.57%	
6/10/2016	2311	2292	13.5	---	0.58%	
6/11/2016	2220	2205	15.1	---	0.68%	
6/12/2016	2210	2189	15.1	---	0.68%	
6/13/2016	2218	2199	12.9	---	0.58%	
6/14/2016	2211	2192	12.7	---	0.57%	
6/15/2016	2250	2234	9.5	8.8	0.81%	
6/16/2016	2314	2296	13.5	---	0.58%	
6/17/2016	2298	2280	15.5	---	0.67%	
6/18/2016	2268	2245	15.5	---	0.68%	
6/19/2016	2243	2221	15.3	---	0.68%	
6/20/2016	2314	2301	12.5	5.1	0.76%	
6/21/2016	2328	2310	13.3	---	0.57%	
6/22/2016	2345	2328	13.0	---	0.56%	
6/23/2016	2314	2294	13.9	---	0.60%	
6/24/2016	2270	2249	12.8	---	0.57%	
6/25/2016	2248	2226	15.7	---	0.70%	
6/26/2016	2210	2189	15.6	---	0.71%	
6/27/2016	2168	2152	12.4	---	0.57%	
6/28/2016	2179	2160	12.8	---	0.59%	
6/29/2016	1994	1978	11.9	---	0.60%	
6/30/2016	2135	2114	15.1	---	0.71%	

NOTE: Flow rates are normalized to a 24 hr period.

gpm: gallons per minute

*Wellfield swab water discharge to ponds - volume converted to equivalent flow rate

**Attachment 2: HH1-1 Flow Summary
2nd Quarter 2016
Lost Creek ISR Project PT788**

Date	Manifold Injection Flow Rate (gpm)	Manifold Injection Pressure* (psi)	Manifold Production Flow Rate (gpm)	Number of Wells Injecting	Number of Wells Producing	Comments
4/1/2016	91	102	113	38	9	
4/2/2016	91	102	113	38	9	
4/3/2016	91	102	113	38	9	
4/4/2016	91	102	113	38	9	
4/5/2016	91	102	113	38	9	
4/6/2016	91	102	113	38	9	
4/7/2016	91	102	116	38	9	
4/8/2016	91	102	118	38	9	
4/9/2016	91	102	115	38	9	
4/10/2016	92	102	114	38	9	
4/11/2016	92	102	114	38	9	
4/12/2016	91	102	114	38	9	
4/13/2016	91	102	115	38	9	
4/14/2016	91	102	114	38	9	
4/15/2016	91	102	113	38	9	
4/16/2016	91	102	115	38	9	
4/17/2016	91	102	114	38	9	
4/18/2016	91	102	114	38	9	
4/19/2016	91	102	112	38	9	
4/20/2016	91	102	112	38	9	
4/21/2016	91	102	111	38	9	
4/22/2016	91	102	111	38	9	
4/23/2016	91	102	110	38	9	
4/24/2016	91	102	110	38	9	
4/25/2016	90	102	114	38	9	
4/26/2016	90	102	114	38	9	
4/27/2016	90	102	114	38	9	
4/28/2016	90	102	114	38	9	
4/29/2016	90	102	114	38	9	
4/30/2016	90	102	117	38	9	
5/1/2016	93	102	116	38	9	
5/2/2016	110	102	117	40	9	
5/3/2016	106	102	119	40	9	
5/4/2016	106	102	116	40	9	
5/5/2016	106	102	116	40	9	
5/6/2016	104	102	117	40	9	
5/7/2016	104	102	119	40	9	
5/8/2016	104	102	118	40	9	
5/9/2016	104	102	116	40	9	
5/10/2016	104	102	103	40	8	
5/11/2016	100	102	103	40	8	
5/12/2016	100	102	104	40	8	
5/13/2016	100	102	104	40	8	
5/14/2016	101	102	101	40	8	
5/15/2016	100	102	102	40	8	
5/16/2016	100	102	102	40	8	
5/17/2016	100	102	102	40	8	
5/18/2016	99	102	102	40	8	
5/19/2016	99	102	103	40	8	
5/20/2016	99	102	103	40	8	

**Attachment 2: HH1-1 Flow Summary
2nd Quarter 2016
Lost Creek ISR Project PT788**

Date	Manifold Injection Flow Rate (gpm)	Manifold Injection Pressure* (psi)	Manifold Production Flow Rate (gpm)	Number of Wells Injecting	Number of Wells Producing	Comments
5/21/2016	99	102	105	40	8	
5/22/2016	99	102	105	40	8	
5/23/2016	99	102	104	40	8	
5/24/2016	99	102	106	40	8	
5/25/2016	99	102	108	40	8	
5/26/2016	99	102	107	40	8	
5/27/2016	101	102	108	40	8	
5/28/2016	101	104	103	40	8	
5/29/2016	101	104	103	40	8	
5/30/2016	101	104	103	40	8	
5/31/2016	101	106	102	40	8	
6/1/2016	101	102	104	40	8	
6/2/2016	100	102	103	40	8	
6/3/2016	100	102	103	40	8	
6/4/2016	100	102	103	40	8	
6/5/2016	100	102	103	40	8	
6/6/2016	100	102	103	40	8	
6/7/2016	100	102	103	40	8	
6/8/2016	102	102	103	40	8	
6/9/2016	112	102	105	40	8	
6/10/2016	112	102	107	40	8	
6/11/2016	112	102	107	40	8	
6/12/2016	112	102	106	40	8	
6/13/2016	112	102	104	40	8	
6/14/2016	112	102	104	40	8	
6/15/2016	103	102	104	40	8	
6/16/2016	103	102	104	40	8	
6/17/2016	111	102	109	40	8	
6/18/2016	111	102	107	40	8	
6/19/2016	111	102	105	40	8	
6/20/2016	111	102	106	40	8	
6/21/2016	111	102	105	40	8	
6/22/2016	113	102	110	40	8	
6/23/2016	113	102	110	40	8	
6/24/2016	112	102	106	40	8	
6/25/2016	113	102	106	40	8	
6/26/2016	112	102	104	40	8	
6/27/2016	108	102	100	40	8	
6/28/2016	108	117	100	40	8	
6/29/2016	108	117	100	40	8	
6/30/2016	108	115	100	40	8	

* Manifold pressure is not indicative of actual well pressures. Flows to wells are throttled on an individual basis at each stub to keep injection pressure below the rated fracture pressure for the well.
gpm: gallons per minute
psi: pounds per square inch

**Attachment 2: HH1-2 Flow Summary
2nd Quarter 2016
Lost Creek ISR Project PT788**

Date	Manifold Injection Flow Rate (gpm)	Manifold Injection Pressure* (psi)	Manifold Production Flow Rate (gpm)	Number of Wells Injecting	Number of Wells Producing	Comments
4/1/2016	61	96	75	43	6	
4/2/2016	61	95	76	43	6	
4/3/2016	61	95	76	43	6	
4/4/2016	61	95	75	43	6	
4/5/2016	64	99	79	43	6	
4/6/2016	62	96	76	43	6	
4/7/2016	61	96	76	43	6	
4/8/2016	62	96	77	43	6	
4/9/2016	61	96	77	43	6	
4/10/2016	61	96	75	43	6	
4/11/2016	60	96	74	43	6	
4/12/2016	60	96	75	43	6	
4/13/2016	60	96	76	43	6	
4/14/2016	60	96	76	43	6	
4/15/2016	61	96	76	43	6	
4/16/2016	61	96	76	43	6	
4/17/2016	61	96	76	43	6	
4/18/2016	61	96	75	43	6	
4/19/2016	60	97	74	43	5	
4/20/2016	60	97	74	43	5	
4/21/2016	60	97	73	43	5	
4/22/2016	60	97	73	43	5	
4/23/2016	60	96	74	43	5	
4/24/2016	60	96	73	43	5	
4/25/2016	60	96	75	43	5	
4/26/2016	60	96	75	43	5	
4/27/2016	60	96	76	43	5	
4/28/2016	60	96	74	43	5	
4/29/2016	60	96	74	43	5	
4/30/2016	61	96	77	43	5	
5/1/2016	63	96	77	43	5	
5/2/2016	63	96	78	43	5	
5/3/2016	62	96	79	43	5	
5/4/2016	62	97	78	43	5	
5/5/2016	61	97	78	43	5	
5/6/2016	61	97	78	43	5	
5/7/2016	61	97	78	43	5	
5/8/2016	60	96	78	43	5	
5/9/2016	60	97	77	43	5	
5/10/2016	60	96	76	43	5	
5/11/2016	59	96	76	43	5	
5/12/2016	59	96	76	43	5	
5/13/2016	58	97	58	43	5	
5/14/2016	58	97	65	43	5	
5/15/2016	58	97	65	43	5	
5/16/2016	58	96	65	43	5	
5/17/2016	58	97	65	43	5	
5/18/2016	58	97	65	43	5	
5/19/2016	58	96	65	43	5	
5/20/2016	58	96	65	43	5	

**Attachment 2: HH1-2 Flow Summary
2nd Quarter 2016
Lost Creek ISR Project PT788**

Date	Manifold Injection Flow Rate (gpm)	Manifold Injection Pressure* (psi)	Manifold Production Flow Rate (gpm)	Number of Wells Injecting	Number of Wells Producing	Comments
5/21/2016	58	95	65	43	5	
5/22/2016	58	95	65	43	5	
5/23/2016	58	95	65	43	5	
5/24/2016	58	97	65	43	5	
5/25/2016	58	96	65	43	5	
5/26/2016	58	96	65	43	5	
5/27/2016	58	98	65	43	5	
5/28/2016	58	98	65	43	5	
5/29/2016	58	99	65	43	5	
5/30/2016	58	97	65	43	5	
5/31/2016	58	96	65	42	5	
6/1/2016	58	97	65	35	5	
6/2/2016	58	97	65	35	5	
6/3/2016	58	95	65	35	5	
6/4/2016	58	96	65	35	5	
6/5/2016	58	96	65	35	5	
6/6/2016	58	96	65	35	5	
6/7/2016	58	94	65	35	5	
6/8/2016	58	94	65	35	5	
6/9/2016	58	96	65	35	5	
6/10/2016	58	94	65	35	5	
6/11/2016	58	98	65	35	5	
6/12/2016	58	94	65	35	5	
6/13/2016	58	96	65	35	5	
6/14/2016	58	96	65	36	5	
6/15/2016	58	96	65	36	5	
6/16/2016	58	96	65	36	5	
6/17/2016	58	95	65	36	5	
6/18/2016	58	98	65	36	5	
6/19/2016	58	95	65	36	5	
6/20/2016	58	95	65	36	5	
6/21/2016	58	97	65	36	5	
6/22/2016	58	97	65	36	5	
6/23/2016	58	97	65	36	5	
6/24/2016	58	98	65	36	5	
6/25/2016	58	97	65	36	5	
6/26/2016	58	96	65	36	5	
6/27/2016	58	98	65	36	5	
6/28/2016	58	96	65	36	5	
6/29/2016	58	123	65	36	5	
6/30/2016	58	123	65	36	5	

* Manifold pressure is not indicative of actual well pressures. Flows to wells are throttled on an individual basis at each stub to keep injection pressure below the rated pressure for the well.

gpm: gallons per minute

psi: pounds per square inch

**Attachment 2: HH1-3 Flow Summary
2nd Quarter 2016
Lost Creek ISR Project PT788**

Date	Manifold Injection Flow Rate (gpm)	Manifold Injection Pressure* (psi)	Manifold Production Flow Rate (gpm)	Number of Wells Injecting	Number of Wells Producing	Comments
4/1/2016	120	98	113	40	6	
4/2/2016	120	98	114	40	6	
4/3/2016	120	98	114	40	6	
4/4/2016	120	98	112	40	6	
4/5/2016	125	102	118	40	6	
4/6/2016	120	98	114	40	6	
4/7/2016	122	99	115	40	6	
4/8/2016	122	99	116	42	6	
4/9/2016	124	99	115	42	6	
4/10/2016	123	99	113	42	6	
4/11/2016	122	100	113	42	6	
4/12/2016	122	100	113	42	6	
4/13/2016	123	99	115	42	6	
4/14/2016	121	99	114	42	6	
4/15/2016	123	98	114	42	6	
4/16/2016	124	98	114	42	6	
4/17/2016	123	98	114	42	6	
4/18/2016	123	99	114	42	6	
4/19/2016	122	99	112	42	6	
4/20/2016	122	99	112	42	6	
4/21/2016	121	99	111	42	6	
4/22/2016	121	99	111	42	6	
4/23/2016	121	99	111	42	6	
4/24/2016	121	99	111	42	6	
4/25/2016	122	99	113	42	6	
4/26/2016	122	98	113	42	6	
4/27/2016	123	98	114	42	6	
4/28/2016	123	98	112	42	6	
4/29/2016	122	98	113	42	6	
4/30/2016	122	98	116	42	6	
5/1/2016	128	98	114	42	6	
5/2/2016	130	98	116	42	6	
5/3/2016	129	98	117	42	6	
5/4/2016	128	98	114	42	6	
5/5/2016	127	99	114	42	6	
5/6/2016	127	99	114	42	6	
5/7/2016	127	99	114	42	6	
5/8/2016	126	98	114	42	6	
5/9/2016	126	99	113	42	6	
5/10/2016	126	99	112	42	6	
5/11/2016	123	98	112	43	6	
5/12/2016	122	98	112	42	6	
5/13/2016	123	98	113	42	6	
5/14/2016	121	98	112	42	6	
5/15/2016	121	99	110	42	6	
5/16/2016	121	99	111	42	6	
5/17/2016	121	99	111	42	6	
5/18/2016	120	99	111	42	6	
5/19/2016	121	98	113	42	6	
5/20/2016	124	97	115	42	6	

**Attachment 2: HH1-3 Flow Summary
2nd Quarter 2016
Lost Creek ISR Project PT788**

Date	Manifold Injection Flow Rate (gpm)	Manifold Injection Pressure* (psi)	Manifold Production Flow Rate (gpm)	Number of Wells Injecting	Number of Wells Producing	Comments
5/21/2016	124	97	112	42	6	
5/22/2016	124	97	111	42	6	
5/23/2016	125	97	111	42	6	
5/24/2016	126	99	113	42	6	
5/25/2016	127	98	115	42	6	
5/26/2016	127	99	115	42	6	
5/27/2016	128	99	117	42	6	
5/28/2016	127	99	113	42	6	
5/29/2016	126	100	113	42	6	
5/30/2016	122	101	111	42	6	
5/31/2016	123	100	109	38	6	
6/1/2016	124	99	109	38	5	
6/2/2016	125	99	113	38	5	
6/3/2016	125	99	109	38	5	
6/4/2016	125	96	111	38	5	
6/5/2016	125	99	111	38	5	
6/6/2016	125	98	110	38	5	
6/7/2016	128	98	111	38	5	
6/8/2016	127	98	108	38	5	
6/9/2016	129	98	112	38	5	
6/10/2016	131	97	109	38	5	
6/11/2016	130	98	113	38	5	
6/12/2016	124	100	111	38	5	
6/13/2016	129	98	110	38	5	
6/14/2016	129	98	110	38	5	
6/15/2016	129	99	109	38	5	
6/16/2016	129	99	110	38	5	
6/17/2016	129	98	113	38	5	
6/18/2016	130	98	111	38	5	
6/19/2016	131	99	112	38	5	
6/20/2016	128	98	110	38	5	
6/21/2016	131	100	113	38	5	
6/22/2016	131	99	115	38	5	
6/23/2016	131	100	114	38	5	
6/24/2016	130	100	111	38	5	
6/25/2016	129	99	111	38	5	
6/26/2016	128	98	110	38	5	
6/27/2016	126	100	107	38	5	
6/28/2016	124	98	106	38	5	
6/29/2016	130	122	107	38	6	
6/30/2016	105	123	108	27	5	

* Manifold pressure is not indicative of actual well pressures. Flows to wells are throttled on an individual basis at each stub to keep injection pressure below the rated pressure for the well.

gpm: gallons per minute

psi: pounds per square inch

**Attachment 2: HH1-4 Flow Summary
2nd Quarter 2016
Lost Creek ISR Project PT788**

Date	Manifold Injection Flow Rate (gpm)	Manifold Injection Pressure* (psi)	Manifold Production Flow Rate (gpm)	Number of Wells Injecting	Number of Wells Producing	Comments
4/1/2016	102	105	93	41	5	
4/2/2016	101	105	94	41	5	
4/3/2016	101	105	94	41	5	
4/4/2016	100	106	92	41	5	
4/5/2016	105	109	100	41	5	
4/6/2016	98	105	92	41	5	
4/7/2016	98	105	93	41	5	
4/8/2016	98	105	94	41	5	
4/9/2016	97	106	94	41	5	
4/10/2016	96	106	91	41	5	
4/11/2016	96	106	89	42	5	
4/12/2016	96	106	90	42	5	
4/13/2016	96	106	93	41	5	
4/14/2016	98	105	93	41	5	
4/15/2016	97	105	92	41	5	
4/16/2016	98	105	93	41	5	
4/17/2016	97	106	93	41	5	
4/18/2016	96	106	92	41	5	
4/19/2016	94	106	89	41	5	
4/20/2016	94	106	89	41	5	
4/21/2016	94	106	88	41	5	
4/22/2016	95	105	89	41	5	
4/23/2016	95	106	88	41	5	
4/24/2016	95	106	88	41	5	
4/25/2016	95	105	91	41	5	
4/26/2016	95	105	92	41	5	
4/27/2016	95	105	93	41	5	
4/28/2016	95	105	90	41	5	
4/29/2016	94	105	91	41	5	
4/30/2016	95	106	95	41	5	
5/1/2016	97	105	108	41	6	
5/2/2016	96	105	110	41	6	
5/3/2016	96	105	111	41	6	
5/4/2016	95	105	108	41	6	
5/5/2016	94	105	107	41	6	
5/6/2016	94	104	107	41	6	
5/7/2016	93	104	107	41	6	
5/8/2016	94	104	107	41	6	
5/9/2016	95	106	107	41	6	
5/10/2016	94	106	107	41	6	
5/11/2016	94	105	111	42	6	
5/12/2016	94	106	110	41	6	
5/13/2016	94	105	111	41	6	
5/14/2016	93	105	108	41	6	
5/15/2016	92	106	108	41	6	
5/16/2016	92	105	108	41	6	
5/17/2016	92	106	109	41	6	
5/18/2016	93	105	108	41	6	
5/19/2016	92	105	111	41	6	
5/20/2016	92	105	114	41	6	

**Attachment 2: HH1-4 Flow Summary
2nd Quarter 2016
Lost Creek ISR Project PT788**

Date	Manifold Injection Flow Rate (gpm)	Manifold Injection Pressure* (psi)	Manifold Production Flow Rate (gpm)	Number of Wells Injecting	Number of Wells Producing	Comments
5/21/2016	85	108	110	41	6	
5/22/2016	86	108	109	41	6	
5/23/2016	86	108	109	41	6	
5/24/2016	87	105	112	41	6	
5/25/2016	91	105	115	41	6	
5/26/2016	94	106	115	41	6	
5/27/2016	95	106	117	41	6	
5/28/2016	94	106	112	41	6	
5/29/2016	93	106	111	41	6	
5/30/2016	93	106	110	41	6	
5/31/2016	90	106	108	40	6	
6/1/2016	98	106	109	41	6	
6/2/2016	97	107	114	41	6	
6/3/2016	95	105	108	41	6	
6/4/2016	95	106	110	41	6	
6/5/2016	94	106	110	41	6	
6/6/2016	94	106	110	41	6	
6/7/2016	95	106	112	41	6	
6/8/2016	95	105	110	41	6	
6/9/2016	97	105	114	41	6	
6/10/2016	91	110	111	41	6	
6/11/2016	100	105	115	41	6	
6/12/2016	100	106	113	41	6	
6/13/2016	91	106	111	37	6	
6/14/2016	91	106	110	37	6	
6/15/2016	90	107	109	37	6	
6/16/2016	90	107	111	41	6	
6/17/2016	95	107	115	41	6	
6/18/2016	95	106	95	41	5	
6/19/2016	98	108	96	41	5	
6/20/2016	97	105	94	41	5	
6/21/2016	98	108	79	41	4	
6/22/2016	97	108	81	41	5	
6/23/2016	98	108	105	41	5	
6/24/2016	96	108	99	41	5	
6/25/2016	95	107	99	41	5	
6/26/2016	96	107	97	41	5	
6/27/2016	92	106	93	41	5	
6/28/2016	93	105	92	41	5	
6/29/2016	92	106	93	41	5	
6/30/2016	86	110	24	41	3	

* Manifold pressure is not indicative of actual well pressures. Flows to wells are throttled on an individual basis at each stub to keep injection pressure below the rated pressure for the well.

gpm: gallons per minute

psi: pounds per square inch

**Attachment 2: HH1-5 Flow Summary
2nd Quarter 2016
Lost Creek ISR Project PT788**

Date	Manifold Injection Flow Rate (gpm)	Manifold Injection Pressure* (psi)	Manifold Production Flow Rate (gpm)	Number of Wells Injecting	Number of Wells Producing	Comments
4/1/2016	69	95	26	33	1	
4/2/2016	69	95	26	33	1	
4/3/2016	69	94	26	33	1	
4/4/2016	69	94	26	33	1	
4/5/2016	72	97	27	33	1	
4/6/2016	70	95	26	33	1	
4/7/2016	70	94	26	33	1	
4/8/2016	70	94	27	33	1	
4/9/2016	70	95	27	33	1	
4/10/2016	70	94	26	33	1	
4/11/2016	69	94	26	33	1	
4/12/2016	69	95	26	33	1	
4/13/2016	69	95	26	33	1	
4/14/2016	69	96	26	33	1	
4/15/2016	69	94	26	33	1	
4/16/2016	69	94	26	33	1	
4/17/2016	69	94	26	33	1	
4/18/2016	69	95	26	33	1	
4/19/2016	68	95	26	33	1	
4/20/2016	68	95	26	33	1	
4/21/2016	68	95	25	33	1	
4/22/2016	68	95	26	33	1	
4/23/2016	68	95	26	33	1	
4/24/2016	68	95	25	33	1	
4/25/2016	68	95	26	33	1	
4/26/2016	68	95	26	33	1	
4/27/2016	69	94	26	33	1	
4/28/2016	70	94	26	33	1	
4/29/2016	69	94	26	33	1	
4/30/2016	71	95	26	33	1	
5/1/2016	74	94	47	33	2	
5/2/2016	83	95	48	33	2	
5/3/2016	82	93	48	33	2	
5/4/2016	79	95	48	33	2	
5/5/2016	78	95	25	33	2	
5/6/2016	79	95	53	33	2	
5/7/2016	78	95	52	33	2	
5/8/2016	77	94	52	33	2	
5/9/2016	76	94	51	33	2	
5/10/2016	78	96	51	33	2	
5/11/2016	76	94	51	33	2	
5/12/2016	75	94	51	33	2	
5/13/2016	75	94	52	33	2	
5/14/2016	73	94	51	33	2	
5/15/2016	73	94	51	33	2	
5/16/2016	74	95	51	33	2	
5/17/2016	73	95	51	33	2	
5/18/2016	72	95	51	33	2	
5/19/2016	73	96	52	33	2	
5/20/2016	72	98	53	33	2	

**Attachment 2: HH1-5 Flow Summary
2nd Quarter 2016
Lost Creek ISR Project PT788**

Date	Manifold Injection Flow Rate (gpm)	Manifold Injection Pressure* (psi)	Manifold Production Flow Rate (gpm)	Number of Wells Injecting	Number of Wells Producing	Comments
5/21/2016	68	104	51	33	2	
5/22/2016	68	103	51	33	2	
5/23/2016	69	103	51	33	2	
5/24/2016	77	96	52	33	2	
5/25/2016	77	94	54	33	2	
5/26/2016	80	96	54	33	2	
5/27/2016	78	94	55	33	2	
5/28/2016	77	94	53	33	2	
5/29/2016	76	95	53	33	2	
5/30/2016	74	96	52	33	2	
5/31/2016	61	106	50	30	2	
6/1/2016	80	96	51	31	4	
6/2/2016	81	96	53	31	4	
6/3/2016	79	95	51	31	4	
6/4/2016	78	95	52	31	4	
6/5/2016	77	95	52	31	4	
6/6/2016	76	95	51	31	4	
6/7/2016	64	108	50	29	4	
6/8/2016	78	97	49	31	4	
6/9/2016	77	94	52	31	4	
6/10/2016	79	132	50	31	4	
6/11/2016	85	132	52	31	4	
6/12/2016	78	132	51	31	4	
6/13/2016	79	132	51	30	4	
6/14/2016	78	132	50	29	4	
6/15/2016	77	132	50	29	4	
6/16/2016	76	132	50	31	4	
6/17/2016	78	132	52	31	4	
6/18/2016	78	132	52	31	4	
6/19/2016	78	129	52	31	4	
6/20/2016	76	129	51	31	4	
6/21/2016	78	131	53	30	3	
6/22/2016	76	131	54	30	3	
6/23/2016	76	132	53	30	3	
6/24/2016	75	132	51	31	4	
6/25/2016	79	132	51	31	4	
6/26/2016	78	132	50	31	4	
6/27/2016	77	132	49	31	4	
6/28/2016	76	132	48	31	4	
6/29/2016	77	132	49	31	4	
6/30/2016	73	132	50	31	4	

* Manifold pressure is not indicative of actual well pressures. Flows to wells are throttled on an individual basis at each stub to keep injection pressure below the rated pressure for the well.

gpm: gallons per minute

psi: pounds per square inch

**Attachment 2: HH1-6 Flow Summary
2nd Quarter 2016
Lost Creek ISR Project PT788**

Date	Manifold Injection Flow Rate (gpm)	Manifold Injection Pressure* (psi)	Manifold Production Flow Rate (gpm)	Number of Wells Injecting	Number of Wells Producing	Comments
4/1/2016	123	107	115	45	7	
4/2/2016	123	106	116	45	7	
4/3/2016	123	107	116	45	7	
4/4/2016	122	107	115	45	7	
4/5/2016	128	111	121	45	7	
4/6/2016	122	106	116	45	7	
4/7/2016	122	106	117	45	7	
4/8/2016	122	106	118	47	7	
4/9/2016	130	106	119	47	7	
4/10/2016	128	106	116	47	7	
4/11/2016	126	106	115	47	7	
4/12/2016	125	106	116	47	7	
4/13/2016	126	106	118	47	7	
4/14/2016	127	105	117	47	7	
4/15/2016	127	105	117	47	7	
4/16/2016	128	106	118	47	7	
4/17/2016	127	106	118	47	7	
4/18/2016	126	106	117	47	7	
4/19/2016	124	106	114	47	7	
4/20/2016	124	106	114	47	7	
4/21/2016	124	106	113	47	7	
4/22/2016	125	106	113	47	7	
4/23/2016	124	105	114	47	7	
4/24/2016	124	105	113	47	7	
4/25/2016	122	105	117	47	7	
4/26/2016	121	105	117	47	7	
4/27/2016	121	105	119	47	7	
4/28/2016	122	105	115	47	7	
4/29/2016	121	105	115	47	7	
4/30/2016	125	106	119	47	7	
5/1/2016	125	107	121	47	7	
5/2/2016	130	107	125	47	7	
5/3/2016	129	106	123	47	7	
5/4/2016	124	107	121	47	7	
5/5/2016	124	107	120	47	7	
5/6/2016	122	107	122	47	7	
5/7/2016	121	107	122	47	7	
5/8/2016	121	106	122	47	7	
5/9/2016	120	107	120	47	7	
5/10/2016	119	107	119	47	7	
5/11/2016	117	106	117	47	7	
5/12/2016	116	107	118	47	7	
5/13/2016	114	108	120	47	7	
5/14/2016	114	107	118	48	7	
5/15/2016	113	108	118	47	7	
5/16/2016	113	106	117	47	7	
5/17/2016	111	107	118	47	7	
5/18/2016	112	107	117	47	7	
5/19/2016	108	108	120	47	7	
5/20/2016	109	108	122	47	7	

**Attachment 2: HH1-6 Flow Summary
2nd Quarter 2016
Lost Creek ISR Project PT788**

Date	Manifold Injection Flow Rate (gpm)	Manifold Injection Pressure* (psi)	Manifold Production Flow Rate (gpm)	Number of Wells Injecting	Number of Wells Producing	Comments
5/21/2016	111	108	117	47	7	
5/22/2016	111	107	117	47	7	
5/23/2016	111	107	117	47	7	
5/24/2016	113	107	119	47	7	
5/25/2016	115	106	120	47	7	
5/26/2016	116	106	119	47	7	
5/27/2016	118	108	122	47	7	
5/28/2016	116	108	118	47	7	
5/29/2016	116	109	117	47	7	
5/30/2016	114	109	115	47	7	
5/31/2016	113	109	114	46	7	
6/1/2016	110	107	113	45	7	
6/2/2016	114	105	116	45	7	
6/3/2016	112	104	113	45	7	
6/4/2016	114	105	115	45	7	
6/5/2016	112	106	114	45	7	
6/6/2016	111	106	113	45	7	
6/7/2016	112	106	113	45	7	
6/8/2016	111	106	112	45	7	
6/9/2016	116	107	115	45	7	
6/10/2016	119	110	111	45	7	
6/11/2016	126	108	118	45	7	
6/12/2016	116	110	111	45	7	
6/13/2016	114	107	114	41	7	
6/14/2016	113	107	114	41	7	
6/15/2016	113	107	114	41	7	
6/16/2016	111	108	109	44	7	
6/17/2016	120	107	119	45	7	
6/18/2016	117	108	111	45	7	
6/19/2016	119	109	119	45	7	
6/20/2016	115	107	114	45	7	
6/21/2016	121	108	115	45	7	
6/22/2016	119	109	115	44	7	
6/23/2016	119	109	113	44	7	
6/24/2016	116	110	110	45	7	
6/25/2016	117	108	109	45	7	
6/26/2016	116	107	116	45	7	
6/27/2016	113	109	110	45	7	
6/28/2016	117	126	103	45	7	
6/29/2016	116	127	108	45	7	
6/30/2016	94	127	113	45	7	

* Manifold pressure is not indicative of actual well pressures. Flows to wells are throttled on an individual basis at each stub to keep injection pressure below the rated pressure for the well.

gpm: gallons per minute

psi: pounds per square inch

**Attachment 2: HH1-7 Flow Summary
2nd Quarter 2016
Lost Creek ISR Project PT788**

Date	Manifold Injection Flow Rate (gpm)	Manifold Injection Pressure* (psi)	Manifold Production Flow Rate (gpm)	Number of Wells Injecting	Number of Wells Producing	Comments
4/1/2016	123	109	170	46	8	
4/2/2016	123	108	172	46	8	
4/3/2016	122	108	173	46	8	
4/4/2016	121	108	168	46	8	
4/5/2016	129	113	179	46	8	
4/6/2016	123	109	171	46	8	
4/7/2016	122	109	173	46	8	
4/8/2016	122	109	176	47	8	
4/9/2016	125	109	176	47	8	
4/10/2016	124	110	172	47	8	
4/11/2016	122	110	171	47	8	
4/12/2016	123	110	171	47	8	
4/13/2016	123	110	174	46	8	
4/14/2016	122	110	172	46	8	
4/15/2016	123	109	172	46	8	
4/16/2016	122	110	173	46	8	
4/17/2016	122	110	173	46	8	
4/18/2016	122	110	172	46	8	
4/19/2016	120	110	169	46	8	
4/20/2016	120	110	168	46	8	
4/21/2016	120	110	168	46	8	
4/22/2016	119	110	167	46	8	
4/23/2016	119	110	171	46	8	
4/24/2016	118	110	170	46	8	
4/25/2016	117	110	153	46	7	
4/26/2016	117	110	153	46	7	
4/27/2016	118	110	155	46	7	
4/28/2016	119	110	177	46	8	
4/29/2016	119	109	177	46	8	
4/30/2016	120	109	183	46	8	
5/1/2016	120	109	162	46	8	
5/2/2016	122	109	165	46	8	
5/3/2016	124	110	166	46	8	
5/4/2016	169	101	168	46	8	
5/5/2016	160	103	167	46	8	
5/6/2016	198	95	170	46	8	
5/7/2016	202	94	171	46	8	
5/8/2016	201	110	171	46	8	
5/9/2016	191	111	169	46	8	
5/10/2016	189	110	169	46	8	
5/11/2016	189	110	168	47	8	
5/12/2016	196	110	169	46	8	
5/13/2016	207	109	171	46	8	
5/14/2016	202	109	167	46	8	
5/15/2016	199	109	166	46	8	
5/16/2016	196	110	166	45	8	
5/17/2016	219	110	167	45	8	
5/18/2016	220	109	166	46	8	
5/19/2016	247	105	172	46	8	
5/20/2016	240	106	174	46	8	

**Attachment 2: HH1-7 Flow Summary
2nd Quarter 2016
Lost Creek ISR Project PT788**

Date	Manifold Injection Flow Rate (gpm)	Manifold Injection Pressure* (psi)	Manifold Production Flow Rate (gpm)	Number of Wells Injecting	Number of Wells Producing	Comments
5/21/2016	241	106	217	46	10	
5/22/2016	237	107	215	46	10	
5/23/2016	236	107	215	46	10	
5/24/2016	228	110	217	46	10	
5/25/2016	226	110	221	46	10	
5/26/2016	222	110	220	46	10	
5/27/2016	226	112	223	46	10	
5/28/2016	221	112	217	46	10	
5/29/2016	219	112	215	46	10	
5/30/2016	211	113	212	46	10	
5/31/2016	210	113	210	46	10	
6/1/2016	195	111	208	44	10	
6/2/2016	190	111	213	44	10	
6/3/2016	188	109	205	44	10	
6/4/2016	188	110	209	44	10	
6/5/2016	188	110	208	44	10	
6/6/2016	185	110	207	44	10	
6/7/2016	188	110	208	44	10	
6/8/2016	185	110	204	44	10	
6/9/2016	186	110	209	44	10	
6/10/2016	188	110	203	42	11	
6/11/2016	182	110	220	42	10	
6/12/2016	181	112	215	42	10	
6/13/2016	175	109	213	42	10	
6/14/2016	175	109	213	44	10	
6/15/2016	174	109	211	44	10	
6/16/2016	172	110	213	44	10	
6/17/2016	174	110	219	44	10	
6/18/2016	171	111	215	44	10	
6/19/2016	173	110	217	44	10	
6/20/2016	171	109	212	44	10	
6/21/2016	174	111	220	44	10	
6/22/2016	174	112	222	44	10	
6/23/2016	174	112	222	44	10	
6/24/2016	169	112	215	44	10	
6/25/2016	167	110	215	44	10	
6/26/2016	169	109	213	44	10	
6/27/2016	166	112	206	44	10	
6/28/2016	164	109	205	44	10	
6/29/2016	162	110	207	44	10	
6/30/2016	175	108	210	44	10	

* Manifold pressure is not indicative of actual well pressures. Flows to wells are throttled on an individual basis at each stub to keep injection pressure below the rated pressure for the well.

gpm: gallons per minute

psi: pounds per square inch

**Attachment 2: HH1-8 Flow Summary
2nd Quarter 2016
Lost Creek ISR Project PT788**

Date	Manifold Injection Flow Rate (gpm)	Manifold Injection Pressure* (psi)	Manifold Production Flow Rate (gpm)	Number of Wells Injecting	Number of Wells Producing	Comments
4/1/2016	140	102	135	42	6	
4/2/2016	140	102	136	42	6	
4/3/2016	138	102	138	42	6	
4/4/2016	138	103	136	42	6	
4/5/2016	147	107	143	42	6	
4/6/2016	137	102	137	42	6	
4/7/2016	136	101	138	42	6	
4/8/2016	139	102	139	42	6	
4/9/2016	137	102	139	42	6	
4/10/2016	134	102	136	42	6	
4/11/2016	133	103	135	42	6	
4/12/2016	135	102	136	42	6	
4/13/2016	135	102	138	42	6	
4/14/2016	136	102	136	42	6	
4/15/2016	136	103	137	42	6	
4/16/2016	135	102	138	42	6	
4/17/2016	135	102	138	42	6	
4/18/2016	134	102	137	42	6	
4/19/2016	132	102	135	42	6	
4/20/2016	132	102	135	42	6	
4/21/2016	132	102	134	42	6	
4/22/2016	131	103	134	42	6	
4/23/2016	132	102	136	42	6	
4/24/2016	132	102	134	42	6	
4/25/2016	131	102	139	42	6	
4/26/2016	131	102	140	42	6	
4/27/2016	131	102	142	42	6	
4/28/2016	131	102	139	42	6	
4/29/2016	132	101	138	42	6	
4/30/2016	134	103	143	42	6	
5/1/2016	132	103	121	42	6	
5/2/2016	138	102	141	42	6	
5/3/2016	136	102	141	42	6	
5/4/2016	133	102	140	42	6	
5/5/2016	134	102	139	42	6	
5/6/2016	133	102	141	42	6	
5/7/2016	132	102	142	42	6	
5/8/2016	130	102	141	42	6	
5/9/2016	130	102	139	42	6	
5/10/2016	131	103	138	42	6	
5/11/2016	130	103	137	42	6	
5/12/2016	128	103	138	42	6	
5/13/2016	123	105	142	42	6	
5/14/2016	125	104	137	42	6	
5/15/2016	126	104	137	42	6	
5/16/2016	125	102	137	42	6	
5/17/2016	124	103	139	42	6	
5/18/2016	123	103	138	42	6	
5/19/2016	122	102	141	42	6	
5/20/2016	125	102	144	42	6	

**Attachment 2: HH1-8 Flow Summary
2nd Quarter 2016
Lost Creek ISR Project PT788**

Date	Manifold Injection Flow Rate (gpm)	Manifold Injection Pressure* (psi)	Manifold Production Flow Rate (gpm)	Number of Wells Injecting	Number of Wells Producing	Comments
5/21/2016	125	102	139	42	6	
5/22/2016	126	101	137	42	6	
5/23/2016	126	101	138	42	6	
5/24/2016	129	103	139	42	6	
5/25/2016	130	102	142	42	6	
5/26/2016	131	102	142	42	6	
5/27/2016	133	103	143	42	6	
5/28/2016	131	103	139	42	6	
5/29/2016	131	103	139	42	6	
5/30/2016	130	103	136	42	6	
5/31/2016	129	103	135	42	6	
6/1/2016	127	103	134	42	6	
6/2/2016	131	104	137	42	6	
6/3/2016	129	101	134	42	6	
6/4/2016	130	102	136	42	6	
6/5/2016	130	102	135	42	6	
6/6/2016	130	102	135	42	6	
6/7/2016	131	102	137	42	6	
6/8/2016	132	101	134	42	6	
6/9/2016	134	103	137	42	6	
6/10/2016	139	102	135	42	6	
6/11/2016	139	105	138	42	6	
6/12/2016	141	107	135	42	6	
6/13/2016	136	102	134	42	6	
6/14/2016	136	102	135	42	6	
6/15/2016	136	102	134	42	6	
6/16/2016	134	103	116	42	6	
6/17/2016	135	104	119	42	6	
6/18/2016	136	104	137	42	6	
6/19/2016	136	103	138	42	6	
6/20/2016	134	102	135	42	6	
6/21/2016	136	104	139	42	6	
6/22/2016	136	104	141	42	6	
6/23/2016	136	104	121	42	6	
6/24/2016	133	105	137	42	6	
6/25/2016	134	105	117	42	6	
6/26/2016	133	102	115	42	7	
6/27/2016	132	105	130	42	6	
6/28/2016	131	103	129	42	6	
6/29/2016	131	102	129	42	6	
6/30/2016	131	102	133	42	6	

* Manifold pressure is not indicative of actual well pressures. Flows to wells are throttled on an individual basis at each stub to keep injection pressure below the rated pressure for the well.

gpm: gallons per minute

psi: pounds per square inch

**Attachment 2: HH1-9 Flow Summary
2nd Quarter 2016
Lost Creek ISR Project PT788**

Date	Manifold Injection Flow Rate (gpm)	Manifold Injection Pressure* (psi)	Manifold Production Flow Rate (gpm)	Number of Wells Injecting	Number of Wells Producing	Comments
4/1/2016	261	101	241	48	12	
4/2/2016	260	101	248	49	11	
4/3/2016	257	102	231	49	11	
4/4/2016	257	102	246	49	11	
4/5/2016	273	102	251	49	11	
4/6/2016	272	101	231	49	11	
4/7/2016	272	101	253	49	11	
4/8/2016	272	101	254	49	11	
4/9/2016	268	101	253	49	11	
4/10/2016	264	102	247	49	10	
4/11/2016	261	102	246	49	11	
4/12/2016	261	102	246	49	10	
4/13/2016	257	102	231	49	11	
4/14/2016	262	101	249	49	11	
4/15/2016	262	101	249	49	11	
4/16/2016	284	101	255	49	11	
4/17/2016	284	101	255	49	11	
4/18/2016	282	101	253	49	11	
4/19/2016	278	101	249	49	11	
4/20/2016	278	101	249	49	11	
4/21/2016	272	102	248	49	11	
4/22/2016	272	101	246	49	11	
4/23/2016	271	101	247	49	11	
4/24/2016	271	101	246	49	11	
4/25/2016	268	101	243	49	11	
4/26/2016	268	101	244	49	11	
4/27/2016	291	101	254	49	11	
4/28/2016	292	101	250	49	11	
4/29/2016	285	102	250	49	11	
4/30/2016	287	101	256	49	11	
5/1/2016	294	100	269	49	12	
5/2/2016	297	100	274	49	12	
5/3/2016	292	101	274	49	12	
5/4/2016	291	101	253	49	11	
5/5/2016	293	101	274	49	11	
5/6/2016	292	101	276	49	11	
5/7/2016	290	101	275	49	11	
5/8/2016	292	101	275	49	11	
5/9/2016	293	101	274	49	11	
5/10/2016	292	101	274	49	11	
5/11/2016	284	101	271	49	11	
5/12/2016	284	101	271	49	11	
5/13/2016	284	102	282	49	11	
5/14/2016	281	102	270	49	11	
5/15/2016	276	102	269	49	11	
5/16/2016	291	100	270	49	11	
5/17/2016	285	101	272	49	11	
5/18/2016	279	101	270	49	11	
5/19/2016	279	101	276	49	11	
5/20/2016	283	101	280	49	11	

**Attachment 2: HH1-9 Flow Summary
2nd Quarter 2016
Lost Creek ISR Project PT788**

Date	Manifold Injection Flow Rate (gpm)	Manifold Injection Pressure* (psi)	Manifold Production Flow Rate (gpm)	Number of Wells Injecting	Number of Wells Producing	Comments
5/21/2016	280	101	272	49	11	
5/22/2016	279	101	271	49	11	
5/23/2016	279	101	271	49	11	
5/24/2016	284	101	274	49	11	
5/25/2016	285	101	278	49	11	
5/26/2016	289	102	279	49	11	
5/27/2016	292	101	282	49	11	
5/28/2016	287	101	274	49	11	
5/29/2016	286	102	273	49	11	
5/30/2016	285	102	269	49	11	
5/31/2016	285	102	268	49	11	
6/1/2016	280	102	266	48	12	
6/2/2016	287	102	274	48	12	
6/3/2016	282	100	264	48	12	
6/4/2016	285	101	269	48	12	
6/5/2016	283	101	268	48	12	
6/6/2016	283	101	266	48	12	
6/7/2016	286	101	271	48	12	
6/8/2016	283	101	265	48	12	
6/9/2016	285	100	271	48	12	
6/10/2016	306	102	269	48	9	
6/11/2016	294	101	257	48	9	
6/12/2016	276	99	251	48	9	
6/13/2016	286	101	250	47	9	
6/14/2016	286	100	251	47	9	
6/15/2016	287	101	251	47	9	
6/16/2016	284	101	255	47	10	
6/17/2016	286	99	258	47	10	
6/18/2016	280	100	240	47	9	
6/19/2016	286	101	232	47	9	
6/20/2016	277	101	257	47	9	
6/21/2016	287	103	255	47	9	
6/22/2016	286	103	238	47	9	
6/23/2016	284	103	239	47	9	
6/24/2016	277	104	230	47	9	
6/25/2016	276	101	231	47	9	
6/26/2016	275	100	247	47	9	
6/27/2016	268	100	237	47	9	
6/28/2016	267	101	235	46	9	
6/29/2016	269	101	237	47	9	
6/30/2016	298	102	247	45	9	

* Manifold pressure is not indicative of actual well pressures. Flows to wells are throttled on an individual basis at each stub to keep injection pressure below the rated pressure for the well.

gpm: gallons per minute

psi: pounds per square inch

**Attachment 2: HH1-10 Flow Summary
2nd Quarter 2016
Lost Creek ISR Project PT788**

Date	Manifold Injection Flow Rate (gpm)	Manifold Injection Pressure* (psi)	Manifold Production Flow Rate (gpm)	Number of Wells Injecting	Number of Wells Producing	Comments
4/1/2016	113	112	130	53	8	
4/2/2016	111	112	128	53	8	
4/3/2016	111	112	129	53	8	
4/4/2016	110	112	127	53	8	
4/5/2016	116	112	138	53	8	
4/6/2016	111	112	129	53	8	
4/7/2016	109	112	131	53	8	
4/8/2016	109	112	133	53	8	
4/9/2016	109	112	133	53	8	
4/10/2016	107	112	129	53	8	
4/11/2016	107	112	127	53	8	
4/12/2016	107	112	128	53	8	
4/13/2016	106	109	131	53	8	
4/14/2016	98	109	130	52	8	
4/15/2016	100	109	130	52	8	
4/16/2016	99	109	133	52	8	
4/17/2016	99	109	132	52	8	
4/18/2016	99	109	131	52	8	
4/19/2016	99	109	127	52	8	
4/20/2016	99	109	127	52	8	
4/21/2016	99	109	125	52	8	
4/22/2016	99	109	125	52	8	
4/23/2016	99	109	127	52	8	
4/24/2016	98	109	127	52	8	
4/25/2016	100	109	111	52	8	
4/26/2016	100	108	112	52	8	
4/27/2016	101	108	114	52	8	
4/28/2016	100	108	111	52	8	
4/29/2016	100	108	112	52	8	
4/30/2016	102	109	117	52	8	
5/1/2016	109	110	142	52	9	
5/2/2016	116	109	145	52	9	
5/3/2016	115	110	146	52	10	
5/4/2016	116	110	162	52	10	
5/5/2016	116	110	160	52	10	
5/6/2016	117	109	160	52	10	
5/7/2016	117	109	161	52	10	
5/8/2016	116	110	161	52	10	
5/9/2016	116	110	159	52	10	
5/10/2016	116	110	159	52	10	
5/11/2016	115	110	156	54	10	
5/12/2016	115	110	155	52	10	
5/13/2016	114	110	157	52	10	
5/14/2016	111	107	152	52	10	
5/15/2016	111	107	151	52	10	
5/16/2016	112	110	152	52	10	
5/17/2016	111	110	152	52	10	
5/18/2016	111	110	151	52	10	
5/19/2016	112	109	155	52	10	
5/20/2016	114	109	160	52	10	

**Attachment 2: HH1-10 Flow Summary
2nd Quarter 2016
Lost Creek ISR Project PT788**

Date	Manifold Injection Flow Rate (gpm)	Manifold Injection Pressure* (psi)	Manifold Production Flow Rate (gpm)	Number of Wells Injecting	Number of Wells Producing	Comments
5/21/2016	113	109	155	52	10	
5/22/2016	114	109	154	52	10	
5/23/2016	116	108	154	52	10	
5/24/2016	118	110	157	52	10	
5/25/2016	118	109	161	52	10	
5/26/2016	118	109	161	52	10	
5/27/2016	118	110	164	52	10	
5/28/2016	116	110	157	52	10	
5/29/2016	117	111	156	52	10	
5/30/2016	115	111	152	52	10	
5/31/2016	116	111	151	52	10	
6/1/2016	110	112	149	53	10	
6/2/2016	111	111	157	53	10	
6/3/2016	107	108	150	53	10	
6/4/2016	110	110	155	53	10	
6/5/2016	109	110	155	53	10	
6/6/2016	112	110	156	53	10	
6/7/2016	110	110	165	53	10	
6/8/2016	110	110	156	53	10	
6/9/2016	111	109	158	53	10	
6/10/2016	110	109	162	52	9	
6/11/2016	113	109	163	53	9	
6/12/2016	112	109	156	53	9	
6/13/2016	112	109	157	52	9	
6/14/2016	111	109	156	52	9	
6/15/2016	112	109	158	53	9	
6/16/2016	111	109	159	53	9	
6/17/2016	113	111	164	53	9	
6/18/2016	110	109	157	53	9	
6/19/2016	110	109	158	53	9	
6/20/2016	109	109	154	53	9	
6/21/2016	111	111	159	53	9	
6/22/2016	111	111	163	52	9	
6/23/2016	110	111	161	53	9	
6/24/2016	109	112	154	53	9	
6/25/2016	108	109	154	53	9	
6/26/2016	108	109	150	53	9	
6/27/2016	107	109	145	52	9	
6/28/2016	106	109	144	52	9	
6/29/2016	108	112	145	53	9	
6/30/2016	108	112	149	53	9	

* Manifold pressure is not indicative of actual well pressures. Flows to wells are throttled on an individual basis at each stub to keep injection pressure below the rated pressure for the well.

gpm: gallons per minute

psi: pounds per square inch

**Attachment 2: HH1-11 Flow Summary
2nd Quarter 2016
Lost Creek ISR Project PT788**

Date	Manifold Injection Flow Rate (gpm)	Manifold Injection Pressure* (psi)	Manifold Production Flow Rate (gpm)	Number of Wells Injecting	Number of Wells Producing	Comments
4/1/2016	234	112	273	51	15	
4/2/2016	266	112	281	51	15	
4/3/2016	259	112	280	51	15	
4/4/2016	254	112	275	51	15	
4/5/2016	264	112	291	51	15	
4/6/2016	253	112	278	51	15	
4/7/2016	314	112	291	51	15	
4/8/2016	348	112	296	51	15	
4/9/2016	332	112	295	51	15	
4/10/2016	314	112	287	51	15	
4/11/2016	307	112	283	51	15	
4/12/2016	321	112	284	48	15	
4/13/2016	337	110	290	50	15	
4/14/2016	354	109	290	51	15	
4/15/2016	361	109	301	50	15	
4/16/2016	371	109	306	51	15	
4/17/2016	366	109	304	51	15	
4/18/2016	361	109	302	51	16	
4/19/2016	354	110	314	51	16	
4/20/2016	352	110	312	51	16	
4/21/2016	349	110	310	51	16	
4/22/2016	341	108	308	51	16	
4/23/2016	338	109	305	51	16	
4/24/2016	333	108	302	51	16	
4/25/2016	336	108	311	51	16	
4/26/2016	334	107	312	51	16	
4/27/2016	332	107	314	51	16	
4/28/2016	330	108	315	51	16	
4/29/2016	341	107	314	51	16	
4/30/2016	373	108	330	51	16	
5/1/2016	383	108	356	51	17	
5/2/2016	382	108	362	50	17	
5/3/2016	397	108	366	51	18	
5/4/2016	409	107	374	51	18	
5/5/2016	406	108	371	51	18	
5/6/2016	407	108	372	51	18	
5/7/2016	405	108	368	51	18	
5/8/2016	400	108	363	51	18	
5/9/2016	395	109	360	51	18	
5/10/2016	390	109	356	51	18	
5/11/2016	383	109	349	51	18	
5/12/2016	384	109	351	51	18	
5/13/2016	375	110	331	51	18	
5/14/2016	365	110	339	51	18	
5/15/2016	350	107	326	51	18	
5/16/2016	343	108	325	51	18	
5/17/2016	334	109	308	51	17	
5/18/2016	325	109	302	51	17	
5/19/2016	322	108	305	51	17	
5/20/2016	323	109	308	51	17	

**Attachment 2: HH1-11 Flow Summary
2nd Quarter 2016
Lost Creek ISR Project PT788**

Date	Manifold Injection Flow Rate (gpm)	Manifold Injection Pressure* (psi)	Manifold Production Flow Rate (gpm)	Number of Wells Injecting	Number of Wells Producing	Comments
5/21/2016	318	109	319	51	17	
5/22/2016	312	109	324	51	18	
5/23/2016	312	109	342	51	18	
5/24/2016	306	108	346	51	18	
5/25/2016	304	108	355	51	18	
5/26/2016	302	108	360	51	18	
5/27/2016	299	109	367	51	18	
5/28/2016	297	109	353	51	18	
5/29/2016	296	110	349	51	18	
5/30/2016	290	111	340	51	18	
5/31/2016	290	110	337	51	18	
6/1/2016	270	108	335	51	18	
6/2/2016	331	111	338	51	18	
6/3/2016	356	106	326	51	18	
6/4/2016	401	109	338	51	18	
6/5/2016	390	110	336	51	18	
6/6/2016	379	111	333	51	18	
6/7/2016	471	105	336	51	20	
6/8/2016	476	104	392	50	22	
6/9/2016	483	109	399	51	23	
6/10/2016	522	109	485	51	23	
6/11/2016	527	109	466	51	24	
6/12/2016	498	108	445	51	23	
6/13/2016	486	109	432	51	23	
6/14/2016	477	109	435	51	23	
6/15/2016	479	110	420	51	24	
6/16/2016	525	106	451	51	24	
6/17/2016	564	108	464	51	24	
6/18/2016	536	109	467	51	24	
6/19/2016	526	108	458	51	23	
6/20/2016	510	109	424	51	23	
6/21/2016	530	110	473	51	24	
6/22/2016	515	111	479	51	23	
6/23/2016	520	111	481	51	27	
6/24/2016	515	111	506	50	26	
6/25/2016	496	108	503	50	27	
6/26/2016	491	110	506	50	27	
6/27/2016	464	109	470	51	26	
6/28/2016	464	108	470	51	25	
6/29/2016	466	108	472	51	25	
6/30/2016	461	109	480	51	25	

* Manifold pressure is not indicative of actual well pressures. Flows to wells are throttled on an individual basis at each stub to keep injection pressure below the rated pressure for the well.

gpm: gallons per minute

psi: pounds per square inch

**Attachment 2: HH1-12 Flow Summary
2nd Quarter 2016
Lost Creek ISR Project PT788**

Date	Manifold Injection Flow Rate (gpm)	Manifold Injection Pressure* (psi)	Manifold Production Flow Rate (gpm)	Number of Wells Injecting	Number of Wells Producing	Comments
4/1/2016	356	102	314	50	14	
4/2/2016	352	102	319	50	14	
4/3/2016	349	103	320	50	14	
4/4/2016	348	103	315	50	14	
4/5/2016	360	108	330	50	14	
4/6/2016	337	102	316	50	14	
4/7/2016	330	103	322	50	14	
4/8/2016	319	102	331	50	14	
4/9/2016	312	105	328	50	14	
4/10/2016	308	105	322	50	14	
4/11/2016	306	105	316	50	14	
4/12/2016	303	105	318	50	14	
4/13/2016	302	103	325	50	14	
4/14/2016	301	103	323	50	14	
4/15/2016	297	102	324	50	14	
4/16/2016	291	102	328	50	14	
4/17/2016	290	102	327	50	14	
4/18/2016	288	102	324	50	14	
4/19/2016	287	102	315	50	14	
4/20/2016	287	103	314	50	14	
4/21/2016	286	103	313	50	14	
4/22/2016	286	103	311	50	14	
4/23/2016	284	103	298	50	14	
4/24/2016	280	103	296	50	14	
4/25/2016	286	102	305	50	14	
4/26/2016	294	102	308	50	14	
4/27/2016	296	101	311	50	14	
4/28/2016	294	102	306	50	14	
4/29/2016	294	102	307	50	14	
4/30/2016	311	102	319	50	14	
5/1/2016	333	102	325	50	14	
5/2/2016	352	102	332	50	14	
5/3/2016	326	102	306	50	15	
5/4/2016	332	101	363	50	16	
5/5/2016	333	101	360	49	16	
5/6/2016	334	101	360	50	16	
5/7/2016	330	101	357	50	16	
5/8/2016	328	102	354	50	16	
5/9/2016	323	102	352	50	16	
5/10/2016	321	102	348	50	16	
5/11/2016	313	102	344	50	16	
5/12/2016	313	102	342	50	16	
5/13/2016	310	103	341	50	16	
5/14/2016	306	104	335	50	16	
5/15/2016	303	104	327	50	16	
5/16/2016	296	102	326	50	16	
5/17/2016	293	103	326	50	16	
5/18/2016	288	103	321	50	16	
5/19/2016	287	102	313	50	15	
5/20/2016	327	97	325	50	15	

**Attachment 2: HH1-12 Flow Summary
2nd Quarter 2016
Lost Creek ISR Project PT788**

Date	Manifold Injection Flow Rate (gpm)	Manifold Injection Pressure* (psi)	Manifold Production Flow Rate (gpm)	Number of Wells Injecting	Number of Wells Producing	Comments
5/21/2016	364	91	329	50	15	
5/22/2016	356	92	328	50	15	
5/23/2016	375	100	330	49	15	
5/24/2016	405	103	340	49	15	
5/25/2016	440	102	349	50	15	
5/26/2016	447	102	355	49	15	
5/27/2016	472	104	366	50	18	
5/28/2016	491	102	422	50	18	
5/29/2016	478	103	415	50	18	
5/30/2016	466	104	408	50	18	
5/31/2016	457	104	403	49	18	
6/1/2016	466	103	400	50	18	
6/2/2016	444	103	399	50	20	
6/3/2016	431	102	446	50	20	
6/4/2016	429	103	457	50	20	
6/5/2016	427	103	451	50	20	
6/6/2016	430	103	448	50	20	
6/7/2016	419	103	467	50	20	
6/8/2016	412	104	456	50	20	
6/9/2016	422	102	450	50	20	
6/10/2016	397	101	439	50	19	
6/11/2016	403	102	431	50	19	
6/12/2016	395	102	417	50	19	
6/13/2016	393	103	412	50	19	
6/14/2016	418	100	432	50	20	
6/15/2016	410	101	448	50	20	
6/16/2016	433	98	461	50	20	
6/17/2016	425	102	473	50	20	
6/18/2016	412	102	463	50	20	
6/19/2016	409	102	466	50	20	
6/20/2016	404	102	454	50	20	
6/21/2016	449	100	479	50	20	
6/22/2016	469	98	486	50	20	
6/23/2016	484	96	488	49	20	
6/24/2016	461	99	448	49	20	
6/25/2016	450	102	440	47	19	
6/26/2016	444	102	431	47	19	
6/27/2016	430	102	416	47	19	
6/28/2016	423	100	412	46	19	
6/29/2016	419	102	415	49	19	
6/30/2016	428	101	421	47	21	

* Manifold pressure is not indicative of actual well pressures. Flows to wells are throttled on an individual basis at each stub to keep injection pressure below the rated pressure for the well.

gpm: gallons per minute

psi: pounds per square inch

**Attachment 2: HH1-13 Flow Summary
2nd Quarter 2016
Lost Creek ISR Project PT788**

Date	Manifold Injection Flow Rate (gpm)	Manifold Injection Pressure* (psi)	Manifold Production Flow Rate (gpm)	Number of Wells Injecting	Number of Wells Producing	Comments
4/1/2016	---	---	---	---	---	
4/2/2016	---	---	---	---	---	
4/3/2016	---	---	---	---	---	
4/4/2016	---	---	---	---	---	
4/5/2016	---	---	---	---	---	
4/6/2016	---	---	---	---	---	
4/7/2016	---	---	---	---	---	
4/8/2016	---	---	---	---	---	
4/9/2016	---	---	---	---	---	
4/10/2016	---	---	---	---	---	
4/11/2016	---	---	---	---	---	
4/12/2016	---	---	---	---	---	
4/13/2016	---	---	---	---	---	
4/14/2016	---	---	---	---	---	
4/15/2016	---	---	---	---	---	
4/16/2016	---	---	---	---	---	
4/17/2016	---	---	---	---	---	
4/18/2016	---	---	---	---	---	
4/19/2016	---	---	---	---	---	
4/20/2016	---	---	---	---	---	
4/21/2016	---	---	---	---	---	
4/22/2016	---	---	---	---	---	
4/23/2016	---	---	---	---	---	
4/24/2016	---	---	---	---	---	
4/25/2016	---	---	---	---	---	
4/26/2016	---	---	---	---	---	
4/27/2016	---	---	---	---	---	
4/28/2016	---	---	---	---	---	
4/29/2016	---	---	---	---	---	
4/30/2016	---	---	---	---	---	
5/1/2016	---	---	---	---	---	
5/2/2016	---	---	---	---	---	
5/3/2016	---	---	---	---	---	
5/4/2016	---	---	---	---	---	
5/5/2016	---	---	---	---	---	
5/6/2016	---	---	---	---	---	
5/7/2016	---	---	---	---	---	
5/8/2016	---	---	---	---	---	
5/9/2016	---	---	---	---	---	
5/10/2016	---	---	---	---	---	
5/11/2016	---	---	---	---	---	
5/12/2016	---	---	---	---	---	
5/13/2016	---	---	---	---	---	
5/14/2016	---	---	---	---	---	
5/15/2016	---	---	---	---	---	
5/16/2016	---	---	---	---	---	
5/17/2016	---	---	---	---	---	
5/18/2016	---	---	---	---	---	
5/19/2016	---	---	---	---	---	
5/20/2016	---	---	---	---	---	

**Attachment 2: HH1-13 Flow Summary
2nd Quarter 2016
Lost Creek ISR Project PT788**

Date	Manifold Injection Flow Rate (gpm)	Manifold Injection Pressure* (psi)	Manifold Production Flow Rate (gpm)	Number of Wells Injecting	Number of Wells Producing	Comments
5/21/2016	---	---	---	---	---	
5/22/2016	---	---	---	---	---	
5/23/2016	---	---	---	---	---	
5/24/2016	---	---	---	---	---	
5/25/2016	468	91	467	48	24	HH1-13 Start
5/26/2016	469	146	470	46	24	
5/27/2016	451	83	447	46	28	
5/28/2016	527	83	532	46	26	
5/29/2016	503	72	503	46	26	
5/30/2016	502	71	502	46	26	
5/31/2016	501	71	502	46	27	
6/1/2016	509	72	514	47	27	
6/2/2016	530	82	529	47	28	
6/3/2016	0	11	0	0	3	HH1-13 Shut-In
6/4/2016	435	104	437	43	23	
6/5/2016	443	103	442	44	24	
6/6/2016	446	104	446	44	24	
6/7/2016	451	104	451	46	26	
6/8/2016	519	92	517	46	26	
6/9/2016	518	90	517	46	26	
6/10/2016	492	83	492	46	25	
6/11/2016	485	71	484	46	24	
6/12/2016	484	57	483	46	24	
6/13/2016	484	57	483	46	24	
6/14/2016	489	37	488	46	24	
6/15/2016	482	47	481	46	24	
6/16/2016	481	49	481	46	24	
6/17/2016	472	70	471	46	24	
6/18/2016	472	79	472	46	24	
6/19/2016	473	85	473	45	24	
6/20/2016	474	86	472	46	26	
6/21/2016	476	84	475	46	28	
6/22/2016	544	70	544	47	28	
6/23/2016	561	77	560	47	28	
6/24/2016	552	82	551	47	28	
6/25/2016	545	89	545	47	28	
6/26/2016	538	88	538	47	28	
6/27/2016	544	90	543	47	28	
6/28/2016	537	90	536	47	28	
6/29/2016	532	89	530	47	28	
6/30/2016	520	80	520	47	27	

* Manifold pressure is not indicative of actual well pressures. Flows to wells are throttled on an individual basis at each stub to keep injection pressure below the rated pressure for the well.

gpm: gallons per minute

psi: pounds per square inch

**Attachment 3: Groundwater Level Measurement Data
2nd Quarter 2016
Lost Creek ISR Project PT788**

Well ID	Well Type	Measure Date	Depth to Water (ft-bmp)	Comments
M-101	MU1 Ring	4/6/2016	182.23	
M-101	MU1 Ring	4/22/2016	181.55	
M-101	MU1 Ring	5/3/2016	176.99	
M-101	MU1 Ring	5/13/2016	188.89	Supplemental
M-101	MU1 Ring	5/19/2016	190.03	
M-101	MU1 Ring	6/1/2016	179.83	
M-101	MU1 Ring	6/15/2016	172.47	
M-102	MU1 Ring	4/6/2016	186.68	
M-102	MU1 Ring	4/22/2016	185.86	
M-102	MU1 Ring	5/3/2016	180.77	
M-102	MU1 Ring	5/13/2016	193.00	Supplemental
M-102	MU1 Ring	5/19/2016	194.26	
M-102	MU1 Ring	6/1/2016	182.48	
M-102	MU1 Ring	6/15/2016	176.58	
M-103A	MU1 Ring	4/7/2016	180.61	
M-103A	MU1 Ring	4/22/2016	180.27	
M-103A	MU1 Ring	5/3/2016	175.40	
M-103A	MU1 Ring	5/13/2016	187.60	Supplemental
M-103A	MU1 Ring	5/19/2016	189.40	
M-103A	MU1 Ring	6/1/2016	178.66	
M-103A	MU1 Ring	6/15/2016	170.56	
M-104	MU1 Ring	4/7/2016	186.93	
M-104	MU1 Ring	4/22/2016	189.60	
M-104	MU1 Ring	5/3/2016	180.93	
M-104	MU1 Ring	5/13/2016	199.44	Supplemental
M-104	MU1 Ring	5/19/2016	200.44	
M-104	MU1 Ring	6/2/2016	188.80	
M-104	MU1 Ring	6/15/2016	185.78	
M-105	MU1 Ring	4/7/2016	187.66	
M-105	MU1 Ring	4/22/2016	191.66	
M-105	MU1 Ring	5/4/2016	189.63	
M-105	MU1 Ring	5/13/2016	201.30	Supplemental
M-105	MU1 Ring	5/19/2016	202.77	
M-105	MU1 Ring	6/2/2016	191.38	
M-105	MU1 Ring	6/15/2016	187.58	
M-106	MU1 Ring	4/7/2016	184.13	
M-106	MU1 Ring	4/22/2016	188.55	
M-106	MU1 Ring	5/4/2016	184.90	
M-106	MU1 Ring	5/13/2016	197.28	Supplemental
M-106	MU1 Ring	5/19/2016	199.04	
M-106	MU1 Ring	6/2/2016	189.33	
M-106	MU1 Ring	6/15/2016	183.39	
M-107	MU1 Ring	4/7/2016	201.89	
M-107	MU1 Ring	4/22/2016	202.67	
M-107	MU1 Ring	5/4/2016	200.03	
M-107	MU1 Ring	5/13/2016	207.89	Supplemental
M-107	MU1 Ring	5/19/2016	208.93	
M-107	MU1 Ring	6/2/2016	205.03	
M-107	MU1 Ring	6/15/2016	199.65	

**Attachment 3: Groundwater Level Measurement Data
2nd Quarter 2016
Lost Creek ISR Project PT788**

Well ID	Well Type	Measure Date	Depth to Water (ft-bmp)	Comments
M-108	MU1 Ring	4/7/2016	202.69	
M-108	MU1 Ring	4/22/2016	203.70	
M-108	MU1 Ring	5/4/2016	200.25	
M-108	MU1 Ring	5/13/2016	207.95	Supplemental
M-108	MU1 Ring	5/19/2016	209.18	
M-108	MU1 Ring	6/2/2016	205.40	
M-108	MU1 Ring	6/15/2016	200.50	
M-109	MU1 Ring	4/7/2016	198.20	
M-109	MU1 Ring	4/23/2016	208.22	
M-109	MU1 Ring	5/4/2016	196.00	
M-109	MU1 Ring	5/13/2016	202.49	Supplemental
M-109	MU1 Ring	5/19/2016	203.63	
M-109	MU1 Ring	6/2/2016	200.80	
M-109	MU1 Ring	6/16/2016	196.87	
M-110	MU1 Ring	4/7/2016	202.50	
M-110	MU1 Ring	4/23/2016	202.13	
M-110	MU1 Ring	5/4/2016	200.21	
M-110	MU1 Ring	5/13/2016	205.52	Supplemental
M-110	MU1 Ring	5/19/2016	206.00	
M-110	MU1 Ring	6/2/2016	204.20	
M-110	MU1 Ring	6/16/2016	202.80	
M-111	MU1 Ring	4/7/2016	193.70	
M-111	MU1 Ring	4/23/2016	193.50	
M-111	MU1 Ring	5/4/2016	192.12	
M-111	MU1 Ring	5/13/2016	196.61	Supplemental
M-111	MU1 Ring	5/19/2016	196.83	
M-111	MU1 Ring	6/2/2016	196.95	
M-111	MU1 Ring	6/16/2016	196.12	
M-112	MU1 Ring	4/7/2016	202.82	
M-112	MU1 Ring	4/23/2016	202.43	
M-112	MU1 Ring	5/4/2016	202.00	
M-112	MU1 Ring	5/13/2016	205.20	Supplemental
M-112	MU1 Ring	5/19/2016	205.55	
M-112	MU1 Ring	6/2/2016	205.00	
M-112	MU1 Ring	6/16/2016	219.12	
M-113	MU1 Ring	4/6/2016	214.67	
M-113	MU1 Ring	4/19/2016	215.62	
M-113	MU1 Ring	5/3/2016	215.48	
M-113	MU1 Ring	5/13/2016	219.00	Supplemental
M-113	MU1 Ring	5/18/2016	217.28	
M-113	MU1 Ring	6/1/2016	217.92	
M-113	MU1 Ring	6/15/2016	219.12	
M-114A	MU1 Ring	4/6/2016	193.35	
M-114A	MU1 Ring	4/19/2016	194.00	
M-114A	MU1 Ring	5/3/2016	201.68	
M-114A	MU1 Ring	5/13/2016	196.63	Supplemental
M-114A	MU1 Ring	5/19/2016	193.17	
M-114A	MU1 Ring	6/1/2016	197.47	
M-114A	MU1 Ring	6/15/2016	200.30	

**Attachment 3: Groundwater Level Measurement Data
2nd Quarter 2016
Lost Creek ISR Project PT788**

Well ID	Well Type	Measure Date	Depth to Water (ft-bmp)	Comments
M-115A	MU1 Ring	4/6/2016	188.74	
M-115A	MU1 Ring	4/19/2016	189.00	
M-115A	MU1 Ring	5/3/2016	199.22	
M-115A	MU1 Ring	5/13/2016	188.52	Supplemental
M-115A	MU1 Ring	5/19/2016	185.13	
M-115A	MU1 Ring	6/1/2016	190.23	
M-115A	MU1 Ring	6/15/2016	195.98	
M-116A	MU1 Ring	4/6/2016	179.30	
M-116A	MU1 Ring	4/19/2016	180.47	
M-116A	MU1 Ring	5/3/2016	189.92	
M-116A	MU1 Ring	5/13/2016	176.25	Supplemental
M-116A	MU1 Ring	5/18/2016	173.43	
M-116A	MU1 Ring	6/1/2016	178.92	
M-116A	MU1 Ring	6/15/2016	186.49	
M-117	MU1 Ring	4/6/2016	192.83	
M-117	MU1 Ring	4/19/2016	193.26	
M-117	MU1 Ring	5/3/2016	200.65	
M-117	MU1 Ring	5/13/2016	187.20	Supplemental
M-117	MU1 Ring	5/18/2016	184.17	
M-117	MU1 Ring	6/1/2016	190.19	
M-117	MU1 Ring	6/15/2016	199.20	
M-118	MU1 Ring	4/6/2016	182.50	
M-118	MU1 Ring	4/19/2016	184.43	
M-118	MU1 Ring	5/3/2016	189.03	
M-118	MU1 Ring	5/13/2016	173.10	Supplemental
M-118	MU1 Ring	5/18/2016	169.71	
M-118	MU1 Ring	6/1/2016	179.17	
M-118	MU1 Ring	6/15/2016	190.60	
M-119	MU1 Ring	4/6/2016	188.70	
M-119	MU1 Ring	4/19/2016	192.50	
M-119	MU1 Ring	5/3/2016	196.00	
M-119	MU1 Ring	5/13/2016	175.28	Supplemental
M-119	MU1 Ring	5/18/2016	173.75	
M-119	MU1 Ring	6/1/2016	187.50	
M-119	MU1 Ring	6/15/2016	201.20	
M-120A	MU1 Ring	4/6/2016	177.97	
M-120A	MU1 Ring	4/19/2016	180.50	
M-120A	MU1 Ring	5/3/2016	182.27	
M-120A	MU1 Ring	5/13/2016	166.70	Supplemental
M-120A	MU1 Ring	5/18/2016	162.61	
M-120A	MU1 Ring	6/1/2016	175.95	
M-120A	MU1 Ring	6/15/2016	184.57	
M-121	MU1 Ring	4/6/2016	183.53	
M-121	MU1 Ring	4/19/2016	185.00	
M-121	MU1 Ring	5/3/2016	186.00	
M-121	MU1 Ring	5/13/2016	177.63	Supplemental
M-121	MU1 Ring	5/18/2016	177.70	
M-121	MU1 Ring	6/1/2016	184.61	
M-121	MU1 Ring	6/15/2016	188.43	

**Attachment 3: Groundwater Level Measurement Data
2nd Quarter 2016
Lost Creek ISR Project PT788**

Well ID	Well Type	Measure Date	Depth to Water (ft-bmp)	Comments
M-122	MU1 Ring	4/6/2016	183.04	
M-122	MU1 Ring	4/19/2016	184.01	
M-122	MU1 Ring	5/3/2016	185.68	
M-122	MU1 Ring	5/13/2016	179.27	Supplemental
M-122	MU1 Ring	5/18/2016	180.22	
M-122	MU1 Ring	6/1/2016	185.68	
M-122	MU1 Ring	6/15/2016	187.70	
M-123	MU1 Ring	4/6/2016	179.84	
M-123	MU1 Ring	4/22/2016	179.93	
M-123	MU1 Ring	5/3/2016	181.31	
M-123	MU1 Ring	5/13/2016	177.87	Supplemental
M-123	MU1 Ring	5/18/2016	179.37	
M-123	MU1 Ring	6/1/2016	183.13	
M-123	MU1 Ring	6/15/2016	182.60	
M-124	MU1 Ring	4/6/2016	182.16	
M-124	MU1 Ring	4/22/2016	182.39	
M-124	MU1 Ring	5/3/2016	183.32	
M-124	MU1 Ring	5/13/2016	181.03	Supplemental
M-124	MU1 Ring	5/18/2016	182.97	
M-124	MU1 Ring	6/1/2016	186.01	
M-124	MU1 Ring	6/15/2016	184.71	
M-125	MU1 Ring	4/6/2016	171.57	
M-125	MU1 Ring	4/22/2016	171.80	
M-125	MU1 Ring	5/3/2016	172.13	
M-125	MU1 Ring	5/13/2016	170.87	Supplemental
M-125	MU1 Ring	5/18/2016	172.32	
M-125	MU1 Ring	6/1/2016	174.72	
M-125	MU1 Ring	6/15/2016	174.29	
M-126	MU1 Ring	4/6/2016	174.37	
M-126	MU1 Ring	4/22/2016	174.21	
M-126	MU1 Ring	5/3/2016	174.30	
M-126	MU1 Ring	5/13/2016	173.33	Supplemental
M-126	MU1 Ring	5/18/2016	174.74	
M-126	MU1 Ring	6/1/2016	176.46	
M-126	MU1 Ring	6/15/2016	176.30	
M-127	MU1 Ring	4/6/2016	180.22	
M-127	MU1 Ring	4/22/2016	176.91	
M-127	MU1 Ring	5/3/2016	172.95	
M-127	MU1 Ring	5/13/2016	183.90	Supplemental
M-127	MU1 Ring	5/18/2016	185.35	
M-127	MU1 Ring	6/1/2016	174.80	
M-127	MU1 Ring	6/15/2016	171.85	
M-128	MU1 Ring	4/6/2016	180.90	
M-128	MU1 Ring	4/22/2016	179.44	
M-128	MU1 Ring	5/3/2016	174.67	
M-128	MU1 Ring	5/13/2016	186.28	Supplemental
M-128	MU1 Ring	5/18/2016	187.33	
M-128	MU1 Ring	6/1/2016	176.86	
M-128	MU1 Ring	6/15/2016	172.85	

**Attachment 3: Groundwater Level Measurement Data
2nd Quarter 2016
Lost Creek ISR Project PT788**

Well ID	Well Type	Measure Date	Depth to Water (ft-bmp)	Comments
MO-101	MU1 Overlying	4/8/2016	162.57	
MO-101	MU1 Overlying	4/23/2016	162.98	
MO-101	MU1 Overlying	5/5/2016	161.64	
MO-101	MU1 Overlying	5/19/2016	163.82	
MO-101	MU1 Overlying	6/2/2016	161.30	
MO-101	MU1 Overlying	6/16/2016	161.39	
MO-102	MU1 Overlying	4/7/2016	166.23	
MO-102	MU1 Overlying	4/23/2016	165.50	
MO-102	MU1 Overlying	5/4/2016	165.90	
MO-102	MU1 Overlying	5/19/2016	168.77	
MO-102	MU1 Overlying	6/3/2016	166.62	
MO-102	MU1 Overlying	6/16/2016	165.30	
MO-103	MU1 Overlying	4/7/2016	161.89	
MO-103	MU1 Overlying	4/23/2016	160.62	
MO-103	MU1 Overlying	5/4/2016	161.22	
MO-103	MU1 Overlying	5/19/2016	160.83	
MO-103	MU1 Overlying	6/3/2016	161.20	
MO-103	MU1 Overlying	6/16/2016	160.60	
MO-104	MU1 Overlying	4/7/2016	173.69	
MO-104	MU1 Overlying	4/23/2016	172.47	
MO-104	MU1 Overlying	5/4/2016	172.00	
MO-104	MU1 Overlying	5/19/2016	171.32	
MO-104	MU1 Overlying	6/3/2016	174.57	
MO-104	MU1 Overlying	6/16/2016	174.08	
MO-105	MU1 Overlying	4/7/2016	163.29	
MO-105	MU1 Overlying	4/23/2016	169.18	
MO-105	MU1 Overlying	5/5/2016	169.83	
MO-105	MU1 Overlying	5/20/2016	170.42	
MO-105	MU1 Overlying	6/3/2016	170.13	
MO-105	MU1 Overlying	6/16/2016	169.03	
MO-106	MU1 Overlying	4/7/2016	158.74	
MO-106	MU1 Overlying	4/23/2016	160.41	
MO-106	MU1 Overlying	5/5/2016	160.73	
MO-106	MU1 Overlying	5/20/2016	162.21	
MO-106	MU1 Overlying	6/3/2016	165.40	
MO-106	MU1 Overlying	6/16/2016	166.37	
MO-107	MU1 Overlying	4/8/2016	151.02	
MO-107	MU1 Overlying	4/23/2016	159.71	
MO-107	MU1 Overlying	5/5/2016	158.79	
MO-107	MU1 Overlying	5/21/2016	158.27	
MO-107	MU1 Overlying	6/3/2016	158.92	
MO-107	MU1 Overlying	6/16/2016	161.65	
MO-108	MU1 Overlying	4/8/2016	150.24	
MO-108	MU1 Overlying	4/23/2016	158.30	
MO-108	MU1 Overlying	5/5/2016	158.91	
MO-108	MU1 Overlying	5/21/2016	159.63	
MO-108	MU1 Overlying	6/3/2016	157.47	
MO-108	MU1 Overlying	6/16/2016	160.87	
MO-109	MU1 Overlying	4/8/2016	171.32	

**Attachment 3: Groundwater Level Measurement Data
2nd Quarter 2016
Lost Creek ISR Project PT788**

Well ID	Well Type	Measure Date	Depth to Water (ft-bmp)	Comments
MO-109	MU1 Overlying	4/23/2016	170.55	
MO-109	MU1 Overlying	5/5/2016	170.63	
MO-109	MU1 Overlying	5/21/2016	171.42	
MO-109	MU1 Overlying	6/3/2016	171.50	
MO-109	MU1 Overlying	6/16/2016	172.33	
MO-110	MU1 Overlying	4/8/2016	155.06	
MO-110	MU1 Overlying	4/25/2016	163.59	
MO-110	MU1 Overlying	5/5/2016	163.29	
MO-110	MU1 Overlying	5/21/2016	163.81	
MO-110	MU1 Overlying	6/3/2016	164.02	
MO-110	MU1 Overlying	6/16/2016	167.88	
MO-111	MU1 Overlying	4/8/2016	157.96	
MO-111	MU1 Overlying	4/25/2016	162.53	
MO-111	MU1 Overlying	5/5/2016	164.23	
MO-111	MU1 Overlying	5/21/2016	165.36	
MO-111	MU1 Overlying	6/6/2016	164.00	
MO-111	MU1 Overlying	6/17/2016	167.51	
MO-112	MU1 Overlying	4/8/2016	159.04	
MO-112	MU1 Overlying	4/25/2016	165.17	
MO-112	MU1 Overlying	5/5/2016	164.90	
MO-112	MU1 Overlying	5/21/2016	164.21	
MO-112	MU1 Overlying	6/3/2016	166.02	
MO-112	MU1 Overlying	6/17/2016	168.72	
MO-113	MU1 Overlying	4/8/2016	161.00	
MO-113	MU1 Overlying	4/25/2016	163.11	
MO-113	MU1 Overlying	5/6/2016	162.74	
MO-113	MU1 Overlying	5/21/2016	163.38	
MO-113	MU1 Overlying	6/6/2016	164.13	
MO-113	MU1 Overlying	6/17/2016	165.42	
MO-LC0254	MU1 Overlying	4/8/2016	172.43	
MO-LC0254	MU1 Overlying	4/25/2016	168.07	
MO-LC0254	MU1 Overlying	5/6/2016	168.73	
MO-LC0254	MU1 Overlying	5/21/2016	169.29	
MO-LC0254	MU1 Overlying	6/6/2016	172.47	
MO-LC0254	MU1 Overlying	6/17/2016	170.87	
MU-101	MU1 Underlying	4/8/2016	193.38	
MU-101	MU1 Underlying	4/23/2016	192.83	
MU-101	MU1 Underlying	5/4/2016	192.00	
MU-101	MU1 Underlying	5/19/2016	193.76	
MU-101	MU1 Underlying	6/2/2016	192.80	
MU-101	MU1 Underlying	6/16/2016	191.79	
MU-102	MU1 Underlying	4/7/2016	191.34	
MU-102	MU1 Underlying	4/23/2016	194.24	
MU-102	MU1 Underlying	5/4/2016	193.03	
MU-102	MU1 Underlying	5/19/2016	195.22	
MU-102	MU1 Underlying	6/3/2016	193.94	
MU-102	MU1 Underlying	6/16/2016	193.26	
MU-103	MU1 Underlying	4/7/2016	190.05	
MU-103	MU1 Underlying	4/23/2016	189.80	

**Attachment 3: Groundwater Level Measurement Data
2nd Quarter 2016
Lost Creek ISR Project PT788**

Well ID	Well Type	Measure Date	Depth to Water (ft-bmp)	Comments
MU-103	MU1 Underlying	5/4/2016	191.34	
MU-103	MU1 Underlying	5/19/2016	191.30	
MU-103	MU1 Underlying	6/3/2016	190.04	
MU-103	MU1 Underlying	6/16/2016	189.09	
MU-104	MU1 Underlying	4/7/2016	197.32	
MU-104	MU1 Underlying	4/23/2016	197.95	
MU-104	MU1 Underlying	5/4/2016	197.25	
MU-104	MU1 Underlying	5/19/2016	199.21	
MU-104	MU1 Underlying	6/3/2016	198.50	
MU-104	MU1 Underlying	6/16/2016	197.50	
MU-105	MU1 Underlying	4/7/2016	199.71	
MU-105	MU1 Underlying	4/23/2016	204.91	
MU-105	MU1 Underlying	5/5/2016	204.61	
MU-105	MU1 Underlying	5/20/2016	206.29	
MU-105	MU1 Underlying	6/3/2016	204.82	
MU-105	MU1 Underlying	6/16/2016	204.36	
MU-106	MU1 Underlying	4/7/2016	195.62	
MU-106	MU1 Underlying	4/23/2016	198.32	
MU-106	MU1 Underlying	5/5/2016	198.22	
MU-106	MU1 Underlying	5/20/2016	199.87	
MU-106	MU1 Underlying	6/3/2016	198.89	
MU-106	MU1 Underlying	6/16/2016	198.37	
MU-107	MU1 Underlying	4/8/2016	190.69	
MU-107	MU1 Underlying	4/23/2016	197.62	
MU-107	MU1 Underlying	5/5/2016	197.19	
MU-107	MU1 Underlying	6/3/2016	197.40	
MU-107	MU1 Underlying	6/16/2016	197.58	
KPW-2	MU1 Underlying	4/8/2016	191.69	
KPW-2	MU1 Underlying	4/23/2016	199.04	
KPW-2	MU1 Underlying	5/5/2016	198.69	
KPW-2	MU1 Underlying	5/21/2016	200.10	
KPW-2	MU1 Underlying	6/3/2016	199.07	
KPW-2	MU1 Underlying	6/16/2016	199.20	
MU-109	MU1 Underlying	4/8/2016	199.79	
MU-109	MU1 Underlying	4/23/2016	203.98	
MU-109	MU1 Underlying	5/5/2016	203.46	
MU-109	MU1 Underlying	5/21/2016	202.69	
MU-109	MU1 Underlying	6/3/2016	204.58	
MU-109	MU1 Underlying	6/16/2016	204.28	
MU-110	MU1 Underlying	4/8/2016	199.32	
MU-110	MU1 Underlying	4/25/2016	204.61	
MU-110	MU1 Underlying	5/5/2016	203.98	
MU-110	MU1 Underlying	5/21/2016	204.32	
MU-110	MU1 Underlying	6/3/2016	204.73	
MU-110	MU1 Underlying	6/16/2016	204.91	
MU-111	MU1 Underlying	4/8/2016	199.17	
MU-111	MU1 Underlying	4/25/2016	203.41	
MU-111	MU1 Underlying	5/5/2016	203.40	
MU-111	MU1 Underlying	5/21/2016	204.67	

**Attachment 3: Groundwater Level Measurement Data
2nd Quarter 2016
Lost Creek ISR Project PT788**

Well ID	Well Type	Measure Date	Depth to Water (ft-bmp)	Comments
MU-111	MU1 Underlying	6/6/2016	203.00	
MU-111	MU1 Underlying	6/17/2016	203.68	
MU-112	MU1 Underlying	4/8/2016	200.21	
MU-112	MU1 Underlying	4/25/2016	203.60	
MU-112	MU1 Underlying	5/5/2016	203.32	
MU-112	MU1 Underlying	5/21/2016	202.91	
MU-112	MU1 Underlying	6/6/2016	204.18	
MU-112	MU1 Underlying	6/17/2016	204.70	
MU-113	MU1 Underlying	4/8/2016	191.29	
MU-113	MU1 Underlying	4/25/2016	192.96	
MU-113	MU1 Underlying	5/6/2016	193.14	
MU-113	MU1 Underlying	5/21/2016	163.38	
MU-113	MU1 Underlying	6/6/2016	193.41	
MU-113	MU1 Underlying	6/17/2016	165.42	
TW1-1	MU1 Trend	4/8/2016	171.10	
TW1-1	MU1 Trend	4/25/2016	173.52	
TW1-1	MU1 Trend	5/6/2016	172.53	
TW1-1	MU1 Trend	5/21/2016	171.49	
TW1-1	MU1 Trend	6/6/2016	181.30	
TW1-1	MU1 Trend	6/17/2016	181.73	
OW1-1	MU1 Observation	4/8/2016	190.26	
OW1-1	MU1 Observation	4/25/2016	192.97	
OW1-1	MU1 Observation	5/6/2016	191.49	
OW1-1	MU1 Observation	5/21/2016	190.81	
OW1-1	MU1 Observation	6/6/2016	193.85	
OW1-1	MU1 Observation	6/17/2016	194.66	
LC15M	Regional FG	6/29/2016	162.48	
LC16M	Regional HJ	6/29/2016	134.23	
LC17M	Regional KM	6/29/2016	190.52	
LC18M	Regional FG	6/29/2016	169.63	
LC19M	Regional HJ	6/29/2016	204.02	
LC20M	Regional KM	6/29/2016	204.90	
LC21M	Regional FG	6/29/2016	199.17	
LC22MA	Regional HJ	6/29/2016	212.22	
LC23M	Regional KM	6/29/2016	222.41	
LC24M	Regional KM	6/29/2016	193.03	
LC25MA	Regional FG	6/29/2016	170.90	
LC26M	Regional HJ	6/29/2016	173.53	
LC27M	Regional KM	6/29/2016	191.70	
LC28M	Regional KM	6/29/2016	155.48	
LC29M	Regional DE	6/29/2016	157.70	Insufficient water for sampling
LC30M	Regional DE	6/29/2016	200.00	
LC31M	Regional DE	6/29/2016	143.55	
MB-01	Regional DE	6/29/2016	239.58	
MB-02	Regional FG	6/29/2016	243.11	
MB-03B	Regional HJ	6/29/2016	268.10	
MB-04	Regional KM	6/29/2016	278.70	
MB-05	Regional FG	6/29/2016	144.82	
MB-06	Regional HJ	6/29/2016	142.90	

**Attachment 3: Groundwater Level Measurement Data
2nd Quarter 2016
Lost Creek ISR Project PT788**

Well ID	Well Type	Measure Date	Depth to Water (ft-bmp)	Comments
MB-07	Regional DE	6/29/2016	127.50	
MB-08	Regional FG	6/29/2016	172.51	
MB-09	Regional HJ	6/29/2016	183.92	
MB-10	Regional DE	6/29/2016	169.00	Insufficient water for sampling

ft-bmp: feet below measuring point

MU1: Mine Unit 1

**Attachment 4: MU1 Water Quality Data
2nd Quarter 2016
Lost Creek ISR Project PT788**

Well ID	Well Type	Collection Date	Days Apart	Alkalinity (mg/L)			Chloride (mg/L)			Specific Conductance @ 25°C (µS/cm)			Comments
				Assay	UCL [†]	% Diff	Assay	UCL [†]	% Diff	Assay	UCL [†]	% Diff	
M-101	MU1 Ring	4/6/2016	--	109	186.2	-41	6.4	20.5	-69	664	1012.4	-34	
M-101	MU1 Ring	4/22/2016	16	109	186.2	-42	6.7	20.5	-67	661	1012.4	-35	
M-101	MU1 Ring	5/3/2016	11	119	186.2	-36	5.0	20.5	-76	663	1012.4	-35	
M-101	MU1 Ring	5/19/2016	16	122	186.2	-34	6.0	20.5	-71	672	1012.4	-34	
M-101	MU1 Ring	6/1/2016	13	119	186.2	-36	6.0	20.5	-71	658	1012.4	-35	
M-101	MU1 Ring	6/15/2016	13	115	186.2	-38	5.9	20.5	-71	671	1012.4	-34	
M-102	MU1 Ring	4/6/2016	--	137	186.2	-27	6.6	20.5	-68	798	1012.4	-21	
M-102	MU1 Ring	4/22/2016	16	135	186.2	-28	7.3	20.5	-64	800	1012.4	-21	
M-102	MU1 Ring	5/3/2016	11	142	186.2	-24	6.0	20.5	-71	790	1012.4	-22	
M-102	MU1 Ring	5/19/2016	16	154	186.2	-17	6.0	20.5	-71	792	1012.4	-22	
M-102	MU1 Ring	6/1/2016	13	147	186.2	-21	5.0	20.5	-76	788	1012.4	-22	
M-102	MU1 Ring	6/15/2016	13	155	186.2	-17	6.4	20.5	-69	804	1012.4	-21	
M-103A	MU1 Ring	4/7/2016	--	133	186.2	-28	6.2	20.5	-70	827	1012.4	-18	
M-103A	MU1 Ring	4/22/2016	15	134	186.2	-28	6.4	20.5	-69	827	1012.4	-18	
M-103A	MU1 Ring	5/3/2016	11	144	186.2	-23	6.0	20.5	-71	806	1012.4	-20	
M-103A	MU1 Ring	5/19/2016	16	145	186.2	-22	6.0	20.5	-71	815	1012.4	-19	
M-103A	MU1 Ring	6/1/2016	13	160	186.2	-14	6.0	20.5	-71	817	1012.4	-19	
M-103A	MU1 Ring	6/15/2016	13	138	186.2	-26	6.8	20.5	-67	828	1012.4	-18	
M-104	MU1 Ring	4/7/2016	--	125	186.2	-33	6.2	20.5	-70	738	1012.4	-27	
M-104	MU1 Ring	4/22/2016	15	122	186.2	-35	6.7	20.5	-68	724	1012.4	-28	
M-104	MU1 Ring	5/3/2016	11	140	186.2	-25	6.0	20.5	-71	700	1012.4	-31	
M-104	MU1 Ring	5/19/2016	16	131	186.2	-30	6.0	20.5	-71	688	1012.4	-32	
M-104	MU1 Ring	6/2/2016	14	133	186.2	-29	6.0	20.5	-71	689	1012.4	-32	
M-104	MU1 Ring	6/15/2016	13	127	186.2	-32	6.4	20.5	-69	729	1012.4	-28	
M-105	MU1 Ring	4/7/2016	--	120	186.2	-36	6.4	20.5	-69	653	1012.4	-35	
M-105	MU1 Ring	4/22/2016	15	121	186.2	-35	5.6	20.5	-73	655	1012.4	-35	
M-105	MU1 Ring	5/4/2016	12	126	186.2	-32	5.0	20.5	-76	613	1012.4	-39	
M-105	MU1 Ring	5/19/2016	15	120	186.2	-36	5.0	20.5	-76	563	1012.4	-44	
M-105	MU1 Ring	6/2/2016	14	133	186.2	-29	6.0	20.5	-71	686	1012.4	-32	
M-105	MU1 Ring	6/15/2016	13	138	186.2	-26	5.7	20.5	-72	763	1012.4	-25	
M-106	MU1 Ring	4/7/2016	--	115	186.2	-38	6.0	20.5	-71	605	1012.4	-40	
M-106	MU1 Ring	4/22/2016	15	132	186.2	-29	6.7	20.5	-67	616	1012.4	-39	
M-106	MU1 Ring	5/4/2016	12	124	186.2	-33	5.0	20.5	-76	592	1012.4	-42	
M-106	MU1 Ring	5/19/2016	15	123	186.2	-34	5.0	20.5	-76	596	1012.4	-41	
M-106	MU1 Ring	6/2/2016	14	126	186.2	-32	5.0	20.5	-76	587	1012.4	-42	
M-106	MU1 Ring	6/15/2016	13	118	186.2	-36	5.8	20.5	-72	624	1012.4	-38	
M-107	MU1 Ring	4/7/2016	--	118	186.2	-36	8.8	20.5	-57	681	1012.4	-33	
M-107	MU1 Ring	4/22/2016	15	118	186.2	-37	7.3	20.5	-64	681	1012.4	-33	
M-107	MU1 Ring	5/4/2016	12	126	186.2	-32	5.0	20.5	-76	668	1012.4	-34	
M-107	MU1 Ring	5/19/2016	15	129	186.2	-31	6.0	20.5	-71	672	1012.4	-34	
M-107	MU1 Ring	6/2/2016	14	133	186.2	-29	6.0	20.5	-71	682	1012.4	-33	
M-107	MU1 Ring	6/15/2016	13	125	186.2	-33	6.5	20.5	-68	682	1012.4	-33	
M-108	MU1 Ring	4/7/2016	--	107	186.2	-42	6.2	20.5	-70	542	1012.4	-46	
M-108	MU1 Ring	4/22/2016	15	105	186.2	-44	6.2	20.5	-70	543	1012.4	-46	
M-108	MU1 Ring	5/4/2016	12	113	186.2	-39	5.0	20.5	-76	438	1012.4	-57	
M-108	MU1 Ring	5/19/2016	15	114	186.2	-39	6.0	20.5	-71	538	1012.4	-47	
M-108	MU1 Ring	6/2/2016	14	128	186.2	-31	6.0	20.5	-71	540	1012.4	-47	
M-108	MU1 Ring	6/15/2016	13	107	186.2	-43	5.8	20.5	-72	548	1012.4	-46	
M-109	MU1 Ring	4/7/2016	--	104	186.2	-44	11.5	20.5	-44	575	1012.4	-43	
M-109	MU1 Ring	4/23/2016	16	105	186.2	-43	6.0	20.5	-71	572	1012.4	-44	
M-109	MU1 Ring	5/4/2016	11	113	186.2	-39	5.0	20.5	-76	563	1012.4	-44	
M-109	MU1 Ring	5/19/2016	15	112	186.2	-40	6.0	20.5	-71	555	1012.4	-45	
M-109	MU1 Ring	6/2/2016	14	114	186.2	-39	5.0	20.5	-76	555	1012.4	-45	
M-109	MU1 Ring	6/16/2016	14	108	186.2	-42	5.7	20.5	-72	563	1012.4	-44	
M-110	MU1 Ring	4/7/2016	--	110	186.2	-41	7.2	20.5	-65	573	1012.4	-43	
M-110	MU1 Ring	4/23/2016	16	108	186.2	-42	8.1	20.5	-61	574	1012.4	-43	
M-110	MU1 Ring	5/4/2016	11	119	186.2	-36	6.0	20.5	-71	573	1012.4	-43	
M-110	MU1 Ring	5/19/2016	15	119	186.2	-36	6.0	20.5	-71	510	1012.4	-50	
M-110	MU1 Ring	6/2/2016	14	124	186.2	-33	6.0	20.5	-71	563	1012.4	-44	
M-110	MU1 Ring	6/16/2016	14	115	186.2	-38	7.1	20.5	-65	576	1012.4	-43	
M-111	MU1 Ring	4/7/2016	--	112	186.2	-40	7.8	20.5	-62	559	1012.4	-45	
M-111	MU1 Ring	4/23/2016	16	105	186.2	-44	7.1	20.5	-65	554	1012.4	-45	
M-111	MU1 Ring	5/4/2016	11	117	186.2	-37	5.0	20.5	-76	540	1012.4	-47	

**Attachment 4: MU1 Water Quality Data
2nd Quarter 2016
Lost Creek ISR Project PT788**

Well ID	Well Type	Collection Date	Days Apart	Alkalinity (mg/L)			Chloride (mg/L)			Specific Conductance @ 25°C (µS/cm)			Comments
				Assay	UCL [†]	% Diff	Assay	UCL [†]	% Diff	Assay	UCL [†]	% Diff	
M-111	MU1 Ring	5/19/2016	15	124	186.2	-33	6.0	20.5	-71	546	1012.4	-46	
M-111	MU1 Ring	6/2/2016	14	117	186.2	-37	6.0	20.5	-71	541	1012.4	-47	
M-111	MU1 Ring	6/16/2016	14	107	186.2	-43	6.3	20.5	-69	545	1012.4	-46	
M-112	MU1 Ring	4/7/2016	--	106	186.2	-43	6.5	20.5	-68	553	1012.4	-45	
M-112	MU1 Ring	4/23/2016	16	110	186.2	-41	6.0	20.5	-71	557	1012.4	-45	
M-112	MU1 Ring	5/4/2016	11	117	186.2	-37	5.0	20.5	-76	539	1012.4	-47	
M-112	MU1 Ring	5/19/2016	15	116	186.2	-38	5.0	20.5	-76	538	1012.4	-47	
M-112	MU1 Ring	6/2/2016	14	139	186.2	-25	5.0	20.5	-76	513	1012.4	-49	
M-112	MU1 Ring	6/16/2016	14	115	186.2	-38	5.6	20.5	-73	551	1012.4	-46	
M-113	MU1 Ring	4/7/2016	--	99	186.2	-47	6.7	20.5	-67	514	1012.4	-49	
M-113	MU1 Ring	4/19/2016	12	100	186.2	-47	5.6	20.5	-73	510	1012.4	-50	
M-113	MU1 Ring	5/3/2016	14	108	186.2	-42	5.0	20.5	-76	510	1012.4	-50	
M-113	MU1 Ring	5/18/2016	15	109	186.2	-41	5.0	20.5	-76	506	1012.4	-50	
M-113	MU1 Ring	6/1/2016	14	112	186.2	-40	5.0	20.5	-76	502	1012.4	-50	
M-113	MU1 Ring	6/15/2016	14	103	186.2	-44	5.1	20.5	-75	516	1012.4	-49	
M-114A	MU1 Ring	4/6/2016	--	108	186.2	-42	6.1	20.5	-70	529	1012.4	-48	
M-114A	MU1 Ring	4/28/2016	22	102	186.2	-45	7.9	20.5	-61	516	1012.4	-49	
M-114A	MU1 Ring	5/3/2016	5	111	186.2	-40	5.0	20.5	-76	515	1012.4	-49	
M-114A	MU1 Ring	5/18/2016	15	112	186.2	-40	5.0	20.5	-76	514	1012.4	-49	
M-114A	MU1 Ring	6/1/2016	14	115	186.2	-38	5.0	20.5	-76	517	1012.4	-49	
M-114A	MU1 Ring	6/15/2016	14	106	186.2	-43	6.1	20.5	-70	530	1012.4	-48	
M-115A	MU1 Ring	4/6/2016	--	101	186.2	-46	4.9	20.5	-76	495	1012.4	-51	
M-115A	MU1 Ring	4/19/2016	13	101	186.2	-46	5.7	20.5	-72	491	1012.4	-52	
M-115A	MU1 Ring	5/3/2016	14	109	186.2	-41	5.0	20.5	-76	490	1012.4	-52	
M-115A	MU1 Ring	5/18/2016	15	109	186.2	-41	5.0	20.5	-76	483	1012.4	-52	
M-115A	MU1 Ring	6/1/2016	14	113	186.2	-39	5.0	20.5	-76	480	1012.4	-53	
M-115A	MU1 Ring	6/15/2016	14	109	186.2	-41	5.6	20.5	-73	490	1012.4	-52	
M-116A	MU1 Ring	4/6/2016	--	99	186.2	-47	5.2	20.5	-75	495	1012.4	-51	
M-116A	MU1 Ring	4/19/2016	13	104	186.2	-44	5.4	20.5	-73	493	1012.4	-51	
M-116A	MU1 Ring	5/3/2016	14	109	186.2	-41	5.0	20.5	-76	486	1012.4	-52	
M-116A	MU1 Ring	5/18/2016	15	110	186.2	-41	5.0	20.5	-76	486	1012.4	-52	
M-116A	MU1 Ring	6/1/2016	14	113	186.2	-39	5.0	20.5	-76	488	1012.4	-52	
M-116A	MU1 Ring	6/15/2016	14	106	186.2	-43	5.1	20.5	-75	498	1012.4	-51	
M-117	MU1 Ring	4/6/2016	--	115	186.2	-38	6.2	20.5	-70	484	1012.4	-52	
M-117	MU1 Ring	4/19/2016	13	102	186.2	-45	4.8	20.5	-77	480	1012.4	-53	
M-117	MU1 Ring	5/3/2016	14	111	186.2	-40	5.0	20.5	-76	482	1012.4	-52	
M-117	MU1 Ring	5/18/2016	15	112	186.2	-40	5.0	20.5	-76	476	1012.4	-53	
M-117	MU1 Ring	6/1/2016	14	113	186.2	-39	5.0	20.5	-76	478	1012.4	-53	
M-117	MU1 Ring	6/15/2016	14	101	186.2	-45	5.3	20.5	-74	489	1012.4	-52	
M-118	MU1 Ring	4/6/2016	--	107	186.2	-43	5.4	20.5	-73	497	1012.4	-51	
M-118	MU1 Ring	4/19/2016	13	103	186.2	-44	5.9	20.5	-71	494	1012.4	-51	
M-118	MU1 Ring	5/3/2016	14	111	186.2	-40	5.0	20.5	-76	490	1012.4	-52	
M-118	MU1 Ring	5/18/2016	15	108	186.2	-42	5.0	20.5	-76	491	1012.4	-52	
M-118	MU1 Ring	6/1/2016	14	112	186.2	-40	5.0	20.5	-76	494	1012.4	-51	
M-118	MU1 Ring	6/15/2016	14	105	186.2	-43	5.8	20.5	-72	506	1012.4	-50	
M-119	MU1 Ring	4/6/2016	--	109	186.2	-41	5.3	20.5	-74	485	1012.4	-52	
M-119	MU1 Ring	4/19/2016	13	115	186.2	-38	6.9	20.5	-67	483	1012.4	-52	
M-119	MU1 Ring	5/3/2016	14	118	186.2	-37	5.0	20.5	-76	474	1012.4	-53	
M-119	MU1 Ring	5/18/2016	15	119	186.2	-36	6.0	20.5	-71	472	1012.4	-53	
M-119	MU1 Ring	6/1/2016	14	122	186.2	-34	5.0	20.5	-76	470	1012.4	-54	
M-119	MU1 Ring	6/15/2016	14	116	186.2	-38	6.2	20.5	-70	478	1012.4	-53	
M-120A	MU1 Ring	4/6/2016	--	108	186.2	-42	8.3	20.5	-60	475	1012.4	-53	
M-120A	MU1 Ring	4/19/2016	13	104	186.2	-44	5.8	20.5	-72	472	1012.4	-53	
M-120A	MU1 Ring	5/3/2016	14	125	186.2	-33	5.0	20.5	-76	462	1012.4	-54	
M-120A	MU1 Ring	5/18/2016	15	112	186.2	-40	6.0	20.5	-71	464	1012.4	-54	
M-120A	MU1 Ring	6/1/2016	14	116	186.2	-38	5.0	20.5	-76	466	1012.4	-54	
M-120A	MU1 Ring	6/15/2016	14	107	186.2	-42	5.5	20.5	-73	473	1012.4	-53	
M-121	MU1 Ring	4/6/2016	--	112	186.2	-40	6.6	20.5	-68	510	1012.4	-50	
M-121	MU1 Ring	4/19/2016	13	111	186.2	-40	6.5	20.5	-68	511	1012.4	-50	
M-121	MU1 Ring	5/3/2016	14	117	186.2	-37	5.0	20.5	-76	503	1012.4	-50	
M-121	MU1 Ring	5/18/2016	16	118	186.2	-37	6.0	20.5	-71	509	1012.4	-50	
M-121	MU1 Ring	6/1/2016	14	121	186.2	-35	5.0	20.5	-76	508	1012.4	-50	
M-121	MU1 Ring	6/15/2016	14	116	186.2	-38	5.6	20.5	-73	509	1012.4	-50	

**Attachment 4: MU1 Water Quality Data
2nd Quarter 2016
Lost Creek ISR Project PT788**

Well ID	Well Type	Collection Date	Days Apart	Alkalinity (mg/L)			Chloride (mg/L)			Specific Conductance @ 25°C (µS/cm)			Comments
				Assay	UCL [†]	% Diff	Assay	UCL [†]	% Diff	Assay	UCL [†]	% Diff	
M-122	MU1 Ring	4/6/2016	--	109	186.2	-42	5.5	20.5	-73	507	1012.4	-50	
M-122	MU1 Ring	4/19/2016	13	106	186.2	-43	5.9	20.5	-71	510	1012.4	-50	
M-122	MU1 Ring	5/3/2016	14	118	186.2	-37	5.0	20.5	-76	490	1012.4	-52	
M-122	MU1 Ring	5/18/2016	16	119	186.2	-36	6.0	20.5	-71	495	1012.4	-51	
M-122	MU1 Ring	6/1/2016	14	132	186.2	-29	5.0	20.5	-76	498	1012.4	-51	
M-122	MU1 Ring	6/15/2016	14	112	186.2	-40	5.6	20.5	-73	508	1012.4	-50	
M-123	MU1 Ring	4/6/2016	--	112	186.2	-40	4.9	20.5	-76	501	1012.4	-51	
M-123	MU1 Ring	4/22/2016	16	114	186.2	-39	5.1	20.5	-75	496	1012.4	-51	
M-123	MU1 Ring	5/4/2016	12	120	186.2	-36	5.0	20.5	-76	484	1012.4	-52	
M-123	MU1 Ring	5/18/2016	15	120	186.2	-36	5.0	20.5	-76	483	1012.4	-52	
M-123	MU1 Ring	6/1/2016	14	125	186.2	-33	5.0	20.5	-76	486	1012.4	-52	
M-123	MU1 Ring	6/15/2016	13	118	186.2	-37	5.1	20.5	-75	502	1012.4	-50	
M-124	MU1 Ring	4/6/2016	--	112	186.2	-40	5.5	20.5	-73	470	1012.4	-54	
M-124	MU1 Ring	4/22/2016	16	109	186.2	-41	4.8	20.5	-76	469	1012.4	-54	
M-124	MU1 Ring	5/3/2016	11	117	186.2	-37	5.0	20.5	-76	444	1012.4	-56	
M-124	MU1 Ring	5/18/2016	16	117	186.2	-37	5.0	20.5	-76	344	1012.4	-66	
M-124	MU1 Ring	6/1/2016	14	119	186.2	-36	4.0	20.5	-80	457	1012.4	-55	
M-124	MU1 Ring	6/15/2016	13	112	186.2	-40	4.8	20.5	-77	472	1012.4	-53	
M-125	MU1 Ring	4/6/2016	--	104	186.2	-44	7.0	20.5	-66	548	1012.4	-46	
M-125	MU1 Ring	4/22/2016	16	118	186.2	-37	6.2	20.5	-70	548	1012.4	-46	
M-125	MU1 Ring	5/3/2016	11	113	186.2	-39	5.0	20.5	-76	543	1012.4	-46	
M-125	MU1 Ring	5/18/2016	16	115	186.2	-38	6.0	20.5	-71	536	1012.4	-47	
M-125	MU1 Ring	6/1/2016	14	118	186.2	-37	5.0	20.5	-76	535	1012.4	-47	
M-125	MU1 Ring	6/15/2016	13	109	186.2	-41	6.8	20.5	-67	550	1012.4	-46	
M-126	MU1 Ring	4/6/2016	--	106	186.2	-43	5.7	20.5	-72	523	1012.4	-48	
M-126	MU1 Ring	4/22/2016	16	107	186.2	-42	11.9	20.5	-42	544	1012.4	-46	
M-126	MU1 Ring	5/3/2016	11	114	186.2	-39	5.0	20.5	-76	515	1012.4	-49	
M-126	MU1 Ring	5/18/2016	16	126	186.2	-32	6.0	20.5	-71	512	1012.4	-49	
M-126	MU1 Ring	6/1/2016	14	120	186.2	-36	5.0	20.5	-76	518	1012.4	-49	
M-126	MU1 Ring	6/15/2016	13	124	186.2	-34	6.5	20.5	-69	531	1012.4	-48	
M-127	MU1 Ring	4/6/2016	--	112	186.2	-40	5.9	20.5	-71	544	1012.4	-46	
M-127	MU1 Ring	4/22/2016	16	104	186.2	-44	6.4	20.5	-69	538	1012.4	-47	
M-127	MU1 Ring	5/3/2016	11	126	186.2	-32	5.0	20.5	-76	525	1012.4	-48	
M-127	MU1 Ring	5/18/2016	16	116	186.2	-38	6.0	20.5	-71	526	1012.4	-48	
M-127	MU1 Ring	6/1/2016	14	120	186.2	-36	5.0	20.5	-76	532	1012.4	-47	
M-127	MU1 Ring	6/15/2016	13	108	186.2	-42	5.7	20.5	-72	538	1012.4	-47	
M-128	MU1 Ring	4/6/2016	--	107	186.2	-42	9.2	20.5	-55	566	1012.4	-44	
M-128	MU1 Ring	4/22/2016	16	110	186.2	-41	5.7	20.5	-72	564	1012.4	-44	
M-128	MU1 Ring	5/3/2016	11	128	186.2	-31	5.0	20.5	-76	549	1012.4	-46	
M-128	MU1 Ring	5/19/2016	16	118	186.2	-37	6.0	20.5	-71	543	1012.4	-46	
M-128	MU1 Ring	6/1/2016	13	121	186.2	-35	5.0	20.5	-76	542	1012.4	-46	
M-128	MU1 Ring	6/15/2016	13	117	186.2	-37	5.5	20.5	-73	568	1012.4	-44	
MO-101	MU1 Overlying	4/8/2016	--	104	182.1	-43	8.5	21.4	-60	648	921.7	-30	
MO-101	MU1 Overlying	4/23/2016	15	107	182.1	-41	7.3	21.4	-66	651	921.7	-29	
MO-101	MU1 Overlying	5/4/2016	11	113	182.1	-38	7.0	21.4	-67	558	921.7	-39	
MO-101	MU1 Overlying	5/19/2016	16	113	182.1	-38	7.0	21.4	-67	630	921.7	-32	
MO-101	MU1 Overlying	6/2/2016	14	117	182.1	-36	7.0	21.4	-67	630	921.7	-32	
MO-101	MU1 Overlying	6/16/2016	13	109	182.1	-40	8.6	21.4	-60	650	921.7	-29	
MO-102	MU1 Overlying	4/7/2016	--	102	182.1	-44	6.8	21.4	-68	591	921.7	-36	
MO-102	MU1 Overlying	4/23/2016	16	99	182.1	-46	6.9	21.4	-68	591	921.7	-36	
MO-102	MU1 Overlying	5/4/2016	11	106	182.1	-42	6.0	21.4	-72	570	921.7	-38	
MO-102	MU1 Overlying	5/19/2016	16	105	182.1	-42	6.0	21.4	-72	571	921.7	-38	
MO-102	MU1 Overlying	6/3/2016	15	121	182.1	-34	6.0	21.4	-72	573	921.7	-38	
MO-102	MU1 Overlying	6/16/2016	13	102	182.1	-44	7.2	21.4	-66	591	921.7	-36	
MO-103	MU1 Overlying	4/7/2016	--	109	182.1	-40	9.0	21.4	-58	681	921.7	-26	
MO-103	MU1 Overlying	4/23/2016	16	109	182.1	-40	9.3	21.4	-57	676	921.7	-27	
MO-103	MU1 Overlying	5/4/2016	11	118	182.1	-35	8.0	21.4	-63	654	921.7	-29	
MO-103	MU1 Overlying	5/19/2016	15	118	182.1	-35	8.0	21.4	-63	651	921.7	-29	
MO-103	MU1 Overlying	6/3/2016	15	121	182.1	-34	8.0	21.4	-63	656	921.7	-29	
MO-103	MU1 Overlying	6/16/2016	13	118	182.1	-35	8.3	21.4	-61	679	921.7	-26	
MO-104	MU1 Overlying	4/7/2016	--	112	182.1	-38	10.8	21.4	-49	614	921.7	-33	
MO-104	MU1 Overlying	4/23/2016	16	117	182.1	-36	8.5	21.4	-60	612	921.7	-34	
MO-104	MU1 Overlying	5/4/2016	11	122	182.1	-33	8.0	21.4	-63	595	921.7	-35	

Attachment 4: MU1 Water Quality Data
2nd Quarter 2016
Lost Creek ISR Project PT788

Well ID	Well Type	Collection Date	Days Apart	Alkalinity (mg/L)			Chloride (mg/L)			Specific Conductance @ 25°C (µS/cm)			Comments
				Assay	UCL [†]	% Diff	Assay	UCL [†]	% Diff	Assay	UCL [†]	% Diff	
MO-104	MU1 Overlying	5/19/2016	16	121	182.1	-34	8.0	21.4	-63	597	921.7	-35	
MO-104	MU1 Overlying	6/3/2016	15	126	182.1	-31	9.0	21.4	-58	597	921.7	-35	
MO-104	MU1 Overlying	6/16/2016	13	115	182.1	-37	8.6	21.4	-60	621	921.7	-33	
MO-105	MU1 Overlying	4/7/2016	--	105	182.1	-42	6.2	21.4	-71	481	921.7	-48	
MO-105	MU1 Overlying	4/23/2016	16	99	182.1	-46	5.4	21.4	-75	482	921.7	-48	
MO-105	MU1 Overlying	5/5/2016	12	110	182.1	-40	5.0	21.4	-77	258	921.7	-72	
MO-105	MU1 Overlying	5/20/2016	16	109	182.1	-40	5.0	21.4	-77	466	921.7	-49	
MO-105	MU1 Overlying	6/3/2016	14	112	182.1	-38	5.0	21.4	-77	467	921.7	-49	
MO-105	MU1 Overlying	6/16/2016	13	106	182.1	-42	6.2	21.4	-71	484	921.7	-47	
MO-106	MU1 Overlying	4/7/2016	--	97	182.1	-47	5.6	21.4	-74	468	921.7	-49	
MO-106	MU1 Overlying	4/23/2016	16	94	182.1	-48	6.2	21.4	-71	466	921.7	-49	
MO-106	MU1 Overlying	5/5/2016	12	104	182.1	-43	5.0	21.4	-77	413	921.7	-55	
MO-106	MU1 Overlying	5/20/2016	16	105	182.1	-42	6.0	21.4	-72	454	921.7	-51	
MO-106	MU1 Overlying	6/3/2016	14	101	182.1	-45	5.0	21.4	-77	444	921.7	-52	
MO-106	MU1 Overlying	6/16/2016	13	107	182.1	-41	6.2	21.4	-71	474	921.7	-49	
MO-107	MU1 Overlying	4/8/2016	--	95	182.1	-48	5.6	21.4	-74	469	921.7	-49	
MO-107	MU1 Overlying	4/23/2016	15	98	182.1	-46	6.2	21.4	-71	469	921.7	-49	
MO-107	MU1 Overlying	5/5/2016	12	105	182.1	-42	5.0	21.4	-77	458	921.7	-50	
MO-107	MU1 Overlying	5/21/2016	16	96	182.1	-47	6.0	21.4	-72	447	921.7	-52	
MO-107	MU1 Overlying	6/3/2016	13	87	182.1	-52	6.0	21.4	-72	440	921.7	-52	
MO-107	MU1 Overlying	6/16/2016	13	100	182.1	-45	5.4	21.4	-75	469	921.7	-49	
MO-108	MU1 Overlying	4/8/2016	--	97	182.1	-47	7.6	21.4	-65	504	921.7	-45	
MO-108	MU1 Overlying	4/23/2016	15	100	182.1	-45	6.2	21.4	-71	507	921.7	-45	
MO-108	MU1 Overlying	5/5/2016	12	105	182.1	-42	6.0	21.4	-72	489	921.7	-47	
MO-108	MU1 Overlying	5/21/2016	16	106	182.1	-42	6.0	21.4	-72	486	921.7	-47	
MO-108	MU1 Overlying	6/3/2016	13	108	182.1	-41	6.0	21.4	-72	489	921.7	-47	
MO-108	MU1 Overlying	6/16/2016	12	101	182.1	-44	6.2	21.4	-71	506	921.7	-45	
MO-109	MU1 Overlying	4/8/2016	--	125	182.1	-31	9	21.4	-57	523	921.7	-43	
MO-109	MU1 Overlying	4/23/2016	15	108	182.1	-41	8.7	21.4	-59	534	921.7	-42	
MO-109	MU1 Overlying	5/5/2016	12	116	182.1	-36	8.0	21.4	-63	513	921.7	-44	
MO-109	MU1 Overlying	5/21/2016	16	117	182.1	-36	18.0	21.4	-16	510	921.7	-45	
MO-109	MU1 Overlying	6/3/2016	13	121	182.1	-34	8.0	21.4	-63	511	921.7	-45	
MO-109	MU1 Overlying	6/16/2016	12	117	182.1	-36	9.3	21.4	-57	525	921.7	-43	
MO-110	MU1 Overlying	4/8/2016	--	95	182.1	-48	5.1	21.4	-76	437	921.7	-53	
MO-110	MU1 Overlying	4/25/2016	17	94	182.1	-48	6.0	21.4	-72	441	921.7	-52	
MO-110	MU1 Overlying	5/5/2016	10	114	182.1	-37	5.0	21.4	-77	213	921.7	-77	
MO-110	MU1 Overlying	5/21/2016	16	104	182.1	-43	5.0	21.4	-77	428	921.7	-54	
MO-110	MU1 Overlying	6/3/2016	13	105	182.1	-42	5.0	21.4	-77	411	921.7	-55	
MO-110	MU1 Overlying	6/16/2016	12	99	182.1	-46	5.6	21.4	-74	438	921.7	-52	
MO-111	MU1 Overlying	4/8/2016	--	97	182.1	-47	5.2	21.4	-76	431	921.7	-53	
MO-111	MU1 Overlying	4/25/2016	17	91	182.1	-50	5.9	21.4	-72	509	921.7	-45	
MO-111	MU1 Overlying	5/5/2016	10	104	182.1	-43	5.0	21.4	-77	427	921.7	-54	
MO-111	MU1 Overlying	5/21/2016	17	104	182.1	-43	5.0	21.4	-77	424	921.7	-54	
MO-111	MU1 Overlying	6/6/2016	16	107	182.1	-41	5.0	21.4	-77	418	921.7	-55	
MO-111	MU1 Overlying	6/17/2016	11	99	182.1	-46	5.3	21.4	-75	434	921.7	-53	
MO-112	MU1 Overlying	4/8/2016	--	97	182.1	-47	8.0	21.4	-63	418	921.7	-55	
MO-112	MU1 Overlying	4/25/2016	17	101	182.1	-45	5.9	21.4	-72	421	921.7	-54	
MO-112	MU1 Overlying	5/5/2016	10	109	182.1	-40	6.0	21.4	-72	410	921.7	-56	
MO-112	MU1 Overlying	5/21/2016	17	107	182.1	-41	6.0	21.4	-72	411	921.7	-55	
MO-112	MU1 Overlying	6/6/2016	16	111	182.1	-39	6.0	21.4	-72	410	921.7	-56	
MO-112	MU1 Overlying	6/17/2016	11	108	182.1	-41	6.1	21.4	-72	424	921.7	-54	
MO-113	MU1 Overlying	4/8/2016	--	98	182.1	-46	5.8	21.4	-73	437	921.7	-53	
MO-113	MU1 Overlying	4/25/2016	17	98	182.1	-46	5.8	21.4	-73	446	921.7	-52	
MO-113	MU1 Overlying	5/6/2016	11	107	182.1	-41	5.0	21.4	-77	443	921.7	-52	
MO-113	MU1 Overlying	5/21/2016	16	109	182.1	-40	5.0	21.4	-77	444	921.7	-52	
MO-113	MU1 Overlying	6/6/2016	16	111	182.1	-39	5.0	21.4	-77	252	921.7	-73	
MO-113	MU1 Overlying	6/17/2016	11	105	182.1	-42	5.5	21.4	-74	434	921.7	-53	
MU-101	MU1 Underlying	4/8/2016	--	109	206.0	-47	5.5	21.3	-74	536	658.9	-19	
MU-101	MU1 Underlying	4/23/2016	15	108	206.0	-47	6.2	21.3	-71	526	658.9	-20	
MU-101	MU1 Underlying	5/4/2016	11	115	206.0	-44	5.0	21.3	-76	534	658.9	-19	
MU-101	MU1 Underlying	5/19/2016	16	116	206.0	-44	5.0	21.3	-76	533	658.9	-19	
MU-101	MU1 Underlying	6/2/2016	14	123	206.0	-40	5.0	21.3	-76	532	658.9	-19	
MU-101	MU1 Underlying	6/16/2016	13	111	206.0	-46	5.0	21.3	-76	530	658.9	-20	

**Attachment 4: MU1 Water Quality Data
2nd Quarter 2016
Lost Creek ISR Project PT788**

Well ID	Well Type	Collection Date	Days Apart	Alkalinity (mg/L)			Chloride (mg/L)			Specific Conductance @ 25°C (µS/cm)			Comments
				Assay	UCL [†]	% Diff	Assay	UCL [†]	% Diff	Assay	UCL [†]	% Diff	
MU-102	MU1 Underlying	4/7/2016	--	105	206.0	-49	4.5	21.3	-79	422	658.9	-36	
MU-102	MU1 Underlying	4/23/2016	16	100	206.0	-51	5.2	21.3	-76	420	658.9	-36	
MU-102	MU1 Underlying	5/4/2016	11	109	206.0	-47	4.0	21.3	-81	420	658.9	-36	
MU-102	MU1 Underlying	5/19/2016	16	111	206.0	-46	5.0	21.3	-76	426	658.9	-35	
MU-102	MU1 Underlying	6/3/2016	15	113	206.0	-45	5.0	21.3	-76	330	658.9	-50	
MU-102	MU1 Underlying	6/16/2016	13	120	206.0	-42	4.6	21.3	-78	420	658.9	-36	
MU-103	MU1 Underlying	4/7/2016	--	99	206.0	-52	4.7	21.3	-78	417	658.9	-37	
MU-103	MU1 Underlying	4/23/2016	16	97	206.0	-53	5.2	21.3	-76	419	658.9	-36	
MU-103	MU1 Underlying	5/4/2016	11	119	206.0	-42	4.0	21.3	-81	414	658.9	-37	
MU-103	MU1 Underlying	5/19/2016	16	108	206.0	-48	5.0	21.3	-76	418	658.9	-37	
MU-103	MU1 Underlying	6/3/2016	15	110	206.0	-47	5.0	21.3	-76	414	658.9	-37	
MU-103	MU1 Underlying	6/16/2016	13	105	206.0	-49	5.2	21.3	-75	417	658.9	-37	
MU-104B	MU1 Underlying	4/7/2016	--	82	206.0	-60	5.3	21.3	-75	396	658.9	-40	
MU-104B	MU1 Underlying	4/23/2016	16	82	206.0	-60	6.9	21.3	-67	395	658.9	-40	
MU-104B	MU1 Underlying	5/4/2016	11	83	206.0	-60	4.0	21.3	-81	387	658.9	-41	
MU-104B	MU1 Underlying	5/19/2016	16	116	206.0	-44	5.0	21.3	-76	392	658.9	-41	
MU-104B	MU1 Underlying	6/3/2016	15	89	206.0	-57	5.0	21.3	-76	388	658.9	-41	
MU-104B	MU1 Underlying	6/16/2016	13	88	206.0	-57	5.4	21.3	-74	411	658.9	-38	
MU-105	MU1 Underlying	4/7/2016	--	98	206.0	-52	5.2	21.3	-75	438	658.9	-34	
MU-105	MU1 Underlying	4/23/2016	16	101	206.0	-51	5.6	21.3	-74	434	658.9	-34	
MU-105	MU1 Underlying	5/5/2016	12	120	206.0	-42	4.0	21.3	-81	429	658.9	-35	
MU-105	MU1 Underlying	5/20/2016	16	109	206.0	-47	5.0	21.3	-76	432	658.9	-34	
MU-105	MU1 Underlying	6/3/2016	14	112	206.0	-46	5.0	21.3	-76	431	658.9	-35	
MU-105	MU1 Underlying	6/16/2016	13	103	206.0	-50	4.9	21.3	-77	436	658.9	-34	
MU-106	MU1 Underlying	4/7/2016	--	100	206.0	-51	5.5	21.3	-74	456	658.9	-31	
MU-106	MU1 Underlying	4/23/2016	16	98	206.0	-52	5.8	21.3	-73	448	658.9	-32	
MU-106	MU1 Underlying	5/5/2016	12	108	206.0	-48	5.0	21.3	-76	450	658.9	-32	
MU-106	MU1 Underlying	5/20/2016	16	108	206.0	-48	5.0	21.3	-76	447	658.9	-32	
MU-106	MU1 Underlying	6/3/2016	14	110	206.0	-47	5.0	21.3	-76	454	658.9	-31	
MU-106	MU1 Underlying	6/16/2016	13	103	206.0	-50	5.2	21.3	-76	453	658.9	-31	
MU-107	MU1 Underlying	4/8/2016	--	104	206.0	-50	5.1	21.3	-76	466	658.9	-29	
MU-107	MU1 Underlying	4/23/2016	15	99	206.0	-52	5.1	21.3	-76	458	658.9	-30	
MU-107	MU1 Underlying	5/5/2016	12	108	206.0	-48	5.0	21.3	-76	456	658.9	-31	
MU-107	MU1 Underlying	5/21/2016	16	108	206.0	-48	5.0	21.3	-76	460	658.9	-30	
MU-107	MU1 Underlying	6/3/2016	13	112	206.0	-46	5.0	21.3	-76	457	658.9	-31	
MU-107	MU1 Underlying	6/16/2016	13	106	206.0	-49	5.1	21.3	-76	461	658.9	-30	
KPW-2	MU1 Underlying	4/8/2016	--	98	206.0	-52	7.3	21.3	-66	482	658.9	-27	
KPW-2	MU1 Underlying	4/23/2016	15	106	206.0	-49	7.6	21.3	-64	489	658.9	-26	
KPW-2	MU1 Underlying	5/5/2016	12	109	206.0	-47	6.0	21.3	-72	459	658.9	-30	
KPW-2	MU1 Underlying	5/21/2016	16	111	206.0	-46	7.0	21.3	-67	480	658.9	-27	
KPW-2	MU1 Underlying	6/3/2016	13	119	206.0	-42	7.0	21.3	-67	495	658.9	-25	
KPW-2	MU1 Underlying	6/16/2016	12	103	206.0	-50	7.2	21.3	-66	485	658.9	-26	
MU-109	MU1 Underlying	4/8/2016	--	126	206.0	-39	10.6	21.3	-50	523	658.9	-21	
MU-109	MU1 Underlying	4/23/2016	15	111	206.0	-46	10.8	21.3	-49	516	658.9	-22	
MU-109	MU1 Underlying	5/5/2016	12	121	206.0	-41	9.0	21.3	-58	512	658.9	-22	
MU-109	MU1 Underlying	5/21/2016	16	121	206.0	-41	9.0	21.3	-58	250	658.9	-62	
MU-109	MU1 Underlying	6/3/2016	13	123	206.0	-40	9.0	21.3	-58	495	658.9	-25	
MU-109	MU1 Underlying	6/16/2016	12	113	206.0	-45	9.8	21.3	-54	504	658.9	-24	
MU-110	MU1 Underlying	4/8/2016	--	90	206.0	-56	6.5	21.3	-69	457	658.9	-31	
MU-110	MU1 Underlying	4/25/2016	17	86	206.0	-58	7.0	21.3	-67	456	658.9	-31	
MU-110	MU1 Underlying	5/5/2016	10	96	206.0	-53	6.0	21.3	-72	452	658.9	-31	
MU-110	MU1 Underlying	5/21/2016	16	99	206.0	-52	6.0	21.3	-72	453	658.9	-31	
MU-110	MU1 Underlying	6/3/2016	13	100	206.0	-51	7.0	21.3	-67	224	658.9	-66	
MU-110	MU1 Underlying	6/16/2016	12	94	206.0	-54	6.2	21.3	-71	458	658.9	-30	
MU-111	MU1 Underlying	4/8/2016	--	94	206.0	-54	5.9	21.3	-72	504	658.9	-24	
MU-111	MU1 Underlying	4/25/2016	17	95	206.0	-54	5.3	21.3	-75	427	658.9	-35	
MU-111	MU1 Underlying	5/5/2016	10	101	206.0	-51	5.0	21.3	-76	496	658.9	-25	
MU-111	MU1 Underlying	5/21/2016	17	101	206.0	-51	5.0	21.3	-76	248	658.9	-62	
MU-111	MU1 Underlying	6/6/2016	16	103	206.0	-50	5.0	21.3	-76	489	658.9	-26	
MU-111	MU1 Underlying	6/17/2016	11	99	206.0	-52	5.5	21.3	-74	502	658.9	-24	
MU-112	MU1 Underlying	4/8/2016	--	95	206.0	-54	5.9	21.3	-72	443	658.9	-33	
MU-112	MU1 Underlying	4/25/2016	17	107	206.0	-48	6.0	21.3	-72	438	658.9	-34	
MU-112	MU1 Underlying	5/5/2016	10	101	206.0	-51	5.0	21.3	-76	436	658.9	-34	

**Attachment 4: MU1 Water Quality Data
2nd Quarter 2016
Lost Creek ISR Project PT788**

Well ID	Well Type	Collection Date	Days Apart	Alkalinity (mg/L)			Chloride (mg/L)			Specific Conductance @ 25°C (µS/cm)			Comments
				Assay	UCL [†]	% Diff	Assay	UCL [†]	% Diff	Assay	UCL [†]	% Diff	
MU-112	MU1 Underlying	5/21/2016	17	102	206.0	-50	5.0	21.3	-76	437	658.9	-34	
MU-112	MU1 Underlying	6/6/2016	16	104	206.0	-50	5.0	21.3	-76	436	658.9	-34	
MU-112	MU1 Underlying	6/17/2016	11	97	206.0	-53	5.5	21.3	-74	447	658.9	-32	
MU-113	MU1 Underlying	4/8/2016	--	90	206.0	-56	5.3	21.3	-75	478	658.9	-27	
MU-113	MU1 Underlying	4/25/2016	17	92	206.0	-55	5.7	21.3	-73	473	658.9	-28	
MU-113	MU1 Underlying	5/6/2016	11	99	206.0	-52	5.0	21.3	-76	470	658.9	-29	
MU-113	MU1 Underlying	5/21/2016	16	99	206.0	-52	5.0	21.3	-76	466	658.9	-29	
MU-113	MU1 Underlying	6/6/2016	16	100	206.0	-51	5.0	21.3	-76	458	658.9	-30	
MU-113	MU1 Underlying	6/17/2016	11	94	206.0	-54	5.0	21.3	-77	477	658.9	-28	
LC29M	Regional DE	6/29/2016	--	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Insufficient water
MB-10	Regional DE	6/29/2016	--	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Insufficient water

UCL : Upper Control Limit

[†] : UCL determined by well group (see Permit to Mine, Mine Unit 1 Report, Table MU1 4-12)

Italics : Indicates warning when result is > UCL but < 120% of UCL

Bold Italics : Indicates one value > 120% of UCL; or 2 or 3 values > UCL

Attachment 4: MU1 Water Quality Data - Quality Control
2nd Quarter 2016
Lost Creek ISR Project PT788

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	4/6/2016	Duplicate	M-116A	101	99	2	4.9	5.2	5	503	495	2
M-129	4/19/2016	Duplicate	M-117	102	102	0	5.2	4.8	8	483	480	1
M-129	5/3/2016	Duplicate	M-118	110	111	1	5.0	5.0	0	490	490	0
M-129	5/18/2016	Duplicate	M-116A	123	110	11	5.0	5.0	0	309	486	45
M-129	6/1/2016	Duplicate	M-116A	112	113	1	5.0	5.0	0	490	488	0
M-129	6/15/2016	Duplicate	M-117	104	101	3	4.8	5.3	10	488	489	0
M-130	4/6/2016	Blank	N/A	6	N/A	N/A	0.0	N/A	N/A	17	N/A	N/A
M-130	4/19/2016	Blank	N/A	3.2	N/A	N/A	0.0	N/A	N/A	7.4	N/A	N/A
M-130	5/3/2016	Blank	N/A	ND(5)	N/A	N/A	ND(1)	N/A	N/A	ND(5)	N/A	N/A
M-130	5/18/2016	Blank	N/A	ND(5)	N/A	N/A	ND(1)	N/A	N/A	ND(5)	N/A	N/A
M-130	6/1/2016	Blank	N/A	ND(5)	N/A	N/A	ND(1)	N/A	N/A	5.0	N/A	N/A
M-130	6/15/2016	Blank	N/A	8.6	N/A	N/A	0.0	N/A	N/A	20.6	N/A	N/A
M-131	4/6/2016	Duplicate	M-117	107	115	7	5.0	6.2	22	486	484	0
M-131	4/19/2016	Duplicate	M-118	104	103	1	4.9	4.9	1	494	494	0
M-131	5/3/2016	Duplicate	M-119	118	118	0	5.0	5.0	0	476	474	0
M-131	5/18/2016	Duplicate	M-117	111	112	1	5.0	5.0	0	476	476	0
M-131	6/1/2016	Duplicate	M-117	113	113	0	5.0	5.0	0	478	478	0
M-131	6/15/2016	Duplicate	M-101	118	115	2	5.7	5.9	3	679	671	1
M-132	4/6/2016	Blank	N/A	8	N/A	N/A	0.0	N/A	N/A	24	N/A	N/A
M-132	4/19/2016	Blank	N/A	0.5	N/A	N/A	0.5	N/A	N/A	1.7	N/A	N/A
M-132	5/4/2016	Blank	N/A	ND(5)	N/A	N/A	ND(1)	N/A	N/A	ND(5)	N/A	N/A
M-132	5/18/2016	Blank	N/A	ND(5)	N/A	N/A	ND(1)	N/A	N/A	ND(5)	N/A	N/A
M-132	6/1/2016	Blank	N/A	ND(5)	N/A	N/A	ND(1)	N/A	N/A	ND(5)	N/A	N/A
M-132	6/15/2016	Blank	N/A	7.4	N/A	N/A	0.0	N/A	N/A	22	N/A	N/A
MO-121	4/8/2016	Duplicate	MO-108	98	97	N/A	6.6	7.6	N/A	503	504	N/A
MO-121	4/25/2016	Duplicate	MO-110	95	94	1	6.1	6.0	1	432	441	2
MO-121	5/5/2016	Duplicate	MU-110	96	96	0	6.0	6.0	0	452	452	0
MO-121	5/19/2016	Duplicate	MU-101	115	116	1	5.0	5.0	0	539	533	1
MO-121	6/3/2016	Duplicate	MO-106	109	101	8	5.0	5.0	0	452	444	2
MO-121	6/16/2016	Duplicate	MO-102	103	102	1	7.1	7.2	1	586	591	1
MO-122	4/8/2016	Blank	N/A	2.4	N/A	N/A	0.0	N/A	N/A	6.5	N/A	N/A
MO-122	4/23/2016	Blank	N/A	0.5	N/A	N/A	0.5	N/A	N/A	1.6	N/A	N/A
MO-122	5/5/2016	Blank	N/A	ND(5)	N/A	N/A	ND(1)	N/A	N/A	ND(5)	N/A	N/A
MO-122	5/19/2016	Blank	N/A	ND(5)	N/A	N/A	ND(1)	N/A	N/A	ND(5)	N/A	N/A
MO-122	6/3/2016	Blank	N/A	ND(5)	N/A	N/A	ND(1)	N/A	N/A	ND(5)	N/A	N/A
MO-122	6/16/2016	Blank	N/A	8.6	N/A	N/A	0.0	N/A	N/A	19	N/A	N/A
MU-123	4/8/2016	Duplicate	MO-109	110	125	13	9.2	9.1	1	522	523	0
MU-123	4/25/2016	Duplicate	MU-111	92	95	3	7.4	5.3	33	506	427	17
MU-123	5/5/2016	Duplicate	MO-112	109	109	0	6.0	6.0	0	406	410	1
MU-123	5/19/2016	Duplicate	MO-102	106	105	1	6.0	6.0	0	575	571	1
MU-123	6/3/2016	Duplicate	MO-108	108	108	0	6.0	6.0	0	488	489	0
MU-123	6/16/2016	Duplicate	MO-104	117	115	2	9.8	8.6	13	615	621	1
MU-124	4/8/2016	Blank	N/A	5.1	N/A	N/A	0.0	N/A	N/A	12	N/A	N/A
MU-124	4/23/2016	Blank	N/A	2.0	N/A	N/A	0.0	N/A	N/A	5.1	N/A	N/A
MU-124	5/5/2016	Blank	N/A	ND(5)	N/A	N/A	ND(1)	N/A	N/A	ND(5)	N/A	N/A
MU-124	5/19/2016	Blank	N/A	ND(5)	N/A	N/A	ND(1)	N/A	N/A	ND(5)	N/A	N/A
MU-124	6/3/2016	Blank	N/A	ND(5)	N/A	N/A	ND(1)	N/A	N/A	ND(5)	N/A	N/A
MU-124	6/16/2016	Blank	N/A	9.0	N/A	N/A	0.0	N/A	N/A	26	N/A	N/A

RPD: Relative Percent Difference