

January 31, 2017

Mr. Mark Rogaczewski
District III Supervisor
Wyoming Department of Environmental Quality - Land Quality Division
2100 West 5th Street
Sheridan, WY 82801

Attn: Document Control Desk
Director
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555

RE: Strata Energy Inc. Ross ISR Project
Quarterly Report required under WDEQ-LQD Permit to Mine No. 802 and USNRC Materials
License SUA-1601, Docket No. 40-9091
Fourth Quarter 2016

Dear Mr. Rogaczewski and NRC Director

In accordance with Wyoming Department of Environmental Quality - Land Quality Division (WDEQ-LQD) Non-Coal Rules and Regulations Chapter 11 and Permit to Mine No. 802 and SUA-1601 License Condition 11.1, quarterly reporting is required. A comparison of quarterly reporting requirements between Permit to Mine No. 802 and NRC License SUA-1601 has identified similar reporting requirements. Strata has therefore combined the WDEQ-LQD and NRC quarterly reports. The report format most closely follows the WDEQ-LQD Chapter 11, Section 15 requirement list.

If you have any questions regarding the provided information, please contact me at (307) 467-5995 or by email at mgriffin@stratawyo.com.

Sincerely,
STRATA ENERGY INC.



Ralph Knode
CEO

Attachments: Fourth Quarter 2016 Report – 1 copy to NRC, 2 copies to WDEQ-LQD

NM552D

**Fourth Quarter 2016 Report
Ross ISR Project
WDEQ-LQD Permit to Mine No. 802 and
USNRC Materials License SUA-1601**

1 Introduction

The Strata Energy Inc. (Strata) Ross ISR Project located in Crook County is permitted under Wyoming Department of Environmental Quality - Land Quality Division (WDEQ-LQD) Permit to Mine No. 802 and licensed by the US Nuclear Regulatory Commission (USNRC) under Materials License SUA-1601. This report includes details of the required activities for the period of October 1 through December 31, 2016. The following highlights activities that occurred during the reporting period:

- Production continues in Mine Unit 1 (MU1), header houses 1 through 4.
- Mine Unit 2 (MU2), header house 5 began recirculating groundwater on November 1, 2016 and production commenced on December 27, 2016.
- MU2, header house 6 began recirculating groundwater on December 28, 2016.
- Construction of MU2 surface facilities and utilities for header house 7 began in the quarter.
- The MU2 Hydrologic Package was approved by WDEQ-LQD on November 1, 2016.

2 Excursion Parameters, Corrective Actions, Well Status

Monitor well sampling is performed during operations to detect and correct conditions that could potentially lead to an excursion. Monitor well sampling and analysis is performed according to the LQD Mine Plan Section 5.13.2.3 and the SUA-1601 License Condition 11.5. The monitor wells in wellfields in production are sampled twice a month, at least 10 days apart, for water levels and the excursion parameters of chloride, conductivity, and total alkalinity for overlying monitor (SM) and perimeter monitor (PM) wells and for sulfate, conductivity, and total alkalinity for the underlying monitor (DM) wells.

Monitor well sampling in MU1 continued during the period and monitor well sampling in MU2 commenced in November. Inclement weather delayed the second bi-monthly sampling of Mine Unit 2 DM wells in November. The second bi-monthly samples from the DM wells were collected on December 1, 2016. All perimeter, overlying, and underlying monitor wells were sampled as required. Tabular results for each well are enclosed in Appendix A.

2.1.1 Excursion Status

There were no excursions during the quarter.

3 Well Installation

Four (4) MU1 OZ wells totaling 1,930 feet were cased and cemented in the fourth quarter. Two (2) of the wells are located in Section 7, T53N, R67W and 2 of the wells are located in Section 18, T53N, R67W.

Sixty-nine (69) MU2 OZ wells totaling 44,110 feet were cased and cemented in the fourth quarter. Fifty-one (51) of the wells are located in Section 18, T53N, R67W, 17 of the wells are located in Section 13, T53N, R68W, and 1 of the wells was located in Section 12, T53N, R68W. Well completion details are available at the mine site.

4 Mechanical Integrity Testing

Twenty-one (21) MU1 wells located in Section 18, T53N, R67W and 4 MU1 wells located in Section 7, T53N, R67W passed mechanical integrity test (MIT) during the fourth quarter.

Sixty-three (63) MU2 wells located in Section 18, T53N, R67W and 36 MU2 wells located in Section 13, T53N, R68W passed MIT during the quarter fourth. MIT results are included in Appendix B.

5 Well Repair and Plugging Activities

Plugging and abandonment of cased wells is performed in accordance with Permit to Mine No. 802, Mine Plan Section 5.11 and Reclamation Plan Addendum RP-1 and in accordance with WDEQ-LQD Noncoal Rules and Regulations Chapter 8 and Wyoming Statute 35-11-404. Well abandonment reports are submitted in the WDEQ-LQD Annual Report as required by Permit to Mine No. 802.

Thirty-four (34) MU2 wells were abandoned in the fourth quarter with high solids bentonite grout. Thirty-two (32) of the wells were drilled and abandoned (D&A) planned mining holes. Two wells (MU2-DM07 and MU2-DM13) were planned MU2 monitor wells. The D&A holes included 16 holes located in Section 13, T53N, R68W, 14 holes located in Section 18, T53N, R67W, and 4 holes located in Section 12, T23N, R68W.

Due to damage, 1 MU1 well (MU1-OZ87) was abandoned with high solids bentonite grout during the fourth quarter. The well was located in Section 18, T53N, R67W.

6 Water Quality of Injected Fluids

A typical lixiviant solution is provided in Table MP.4-2 of the Mine Plan with representative concentration ranges that could be found in the lixiviant. If changes occur to the ranges, Strata committed to updating the table in the annual report. Additionally, WDEQ-LQD Noncoal Rules and Regulations Chapter 11, Section 14(a)(ii)(A) requires that the nature of the injection fluids be monitored at least monthly to yield representative data on the characteristics of the fluid and Section 15(b)(i) requires that it is reported in the Quarterly Reports.

Table 1 depicts the injection fluid composition for the period based on grab samples collected each month.

Table 1. Injection Fluid Composition

Parameter	Permit Value Range	October 2016	November 2016	December 2016
Sodium (mg/L)	<400 - 6,000	1,500	1,540	1,380
Calcium (mg/L)	20 - 500	69	76	51
Magnesium (mg/L)	3 - 100	24	26	23
Potassium (mg/L)	<15 - 300	18	16	17
Carbonate (mg/L)	<0.5 - 2,500	<5	9	74
Bicarbonate (mg/L)	<400 - 5,000	2,980	2,860	2,680
Chloride (mg/L)	<100 - 5,000	35	34	36
Sulfate (mg/L)	<400 - 5,000	957	911	936
U3O8 (mg/L)	<1 - 700	0.910	1.83	2.40
V2O5 (mg/L)	<1 - 400	3.06	5.00	4.38
TDS (mg/L)	<1,000 - 12,000	3,980	4,010	3,900
Ra-226 (pCi/L)	<300 - 2,000	255	191	201
pH (s.u.)	<6 - 8	6.66	6.71	6.74

7 Injection Pressure and Flowrate or Volume

According to WDEQ-LQD Noncoal Rules and Regulations Chapter 11, Section 14(a)(ii)(B), the injection pressure and either flow rate or volume is to be monitored at least weekly. Chapter 11, Section 14(a)(ii)(C) allows monitoring to be performed by manifold. Strata monitors injection pressure and flow rates by header house. At this time, operations are occurring in MU1, header houses 1 through 4 and MU2, header house 5.

Appendix C provides a tabulation of the daily injection pressures. The Strata system continuously records injection pressure via electronic instrumentation at the header houses. Per the NRC Source Material License SUA-1601, License Condition 11.1(B), the readings are kept on site and are available for inspection upon request. The maximum permitted injection pressure for the Ross Project is 140 psi.

On October 21, 2016 at 10:14pm the injection line leaving the plant started spraying water from the PVC-Flex flange location. The plant and wellfield were completely shut down at 10:27 pm. The plant and wellfield remained shut down for all of October 22, 2016 for repairs. On December 27, 2016 a pressure reading of 305.8 psi was recorded for header house 5. Around 1:00 p.m. on that day header house 5 shut-down automatically due to a high pressure alarm. The high pressure alarm is set at 135 psi and the header house shuts down automatically at 139 psi. It is believed that the line to the pressure meter froze causing the pressure spike. Even though the header house was shut down the line to the pressure meter was still froze and continued to measure the maximum pressure reading of 305.8 psi.


Flow rates are also continuously recorded via electronic instrumentation at the header houses. The daily injection and recovery flow for each header house is provided in Appendix D.

Appendix E provides a tabulation of the recovery, injection, and bleed flow volumes for the quarter for MU1 and MU2, respectively. Note that there is a variance between injection and recovery flow due to two phase flow in the flow meters caused by relatively low flow rates. However, the bleed flow totals shown in Tables 5 and 6 are from a flow meter that directly measures the bleed taken at the CPP and are accurate. Per Section 2.3 of the Mine Plan and Section 3.1.4 of the NRC Technical Report, the estimated average production bleed is 1.25% with range of 0.5% to 2.0%.

The second table in Appendix E shows that the net bleed for MU2 exceeded the estimated range between December 27 and 31, 2016. As previously discussed operations in header house 5 commenced on December 27, 2016. Upon starting operations few wells were in operation to ensure the wellfield was not over injected. Within the first week of January 2017, with higher flow rates, the bleed rate stabilized around 1 percent.

CERTIFICATION

This certification is required by WDEQ-LQD Non-Coal Rules and Regulations Chapter 11. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for known violations.

A handwritten signature in black ink, reading "Ralph Knode", written over a horizontal line.

Ralph Knode
CEO
Strata Energy Inc.

Appendix A
Excursion Monitoring Results

DM Monitor Wells

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-DM01				
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	819	3955	865	
<u>Date</u>				
05-Oct-16	86.4	2990	440	3997.15
19-Oct-16	83.0	2730	380	3994.86
02-Nov-16	75.4	2990	360	3993.81
16-Nov-16	83.8	2900	370	3993.14
12-Dec-16	75.4	2960	364	3989.03
22-Dec-16	73.3	2910	363	4005.76

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-DM02				
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	819	3955	865	
<u>Date</u>				
05-Oct-16	302.4	2990	450	3844.99
19-Oct-16	319.7	2720	451	3832.63
02-Nov-16	310.0	3010	430	3827.86
16-Nov-16	313.4	2980	400	3837.58
12-Dec-16	311.2	3020	438	3883.30
22-Dec-16	329.1	3020	438	3869.51

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-DM03A				
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	1088	4260	865	
<u>Date</u>				
05-Oct-16	423.4	3100	400	3948.72
19-Oct-16	400.4	2840	430	3925.32
02-Nov-16	367.3	3050	410	3933.81
16-Nov-16	391.5	3040	390	3941.32
12-Dec-16	413.6	3100	392	3960.12
22-Dec-16	332.1	3000	402	3936.31

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-DM04				
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	819	3955	865	
<u>Date</u>				
05-Oct-16	49.7	2800	380	3993.91
19-Oct-16	50.5	2630	390	3990.09
02-Nov-16	53.4	2840	410	3989.23
16-Nov-16	45.6	2810	330	3987.80
12-Dec-16	54.9	2840	391	3994.77
22-Dec-16	55.6	2830	386	3993.93

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-DM05				
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	819	3955	865	
<u>Date</u>				
05-Oct-16	401.8	3040	400	3880.57
19-Oct-16	466.8	2860	421	3865.02
02-Nov-16	430.3	3030	400	3858.06
16-Nov-16	420.7	3000	340	3994.80
12-Dec-16	439.3	3070	398	3896.50
22-Dec-16	500.6	3150	383	3884.73

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-DM06				
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	819	3955	865	
<u>Date</u>				
05-Oct-16	6.8	3010	380	4000.25
19-Oct-16	6.9	2790	380	3993.41
02-Nov-16	5.0	3020	380	3995.84
16-Nov-16	5.5	2970	370	3862.93
12-Dec-16	5.8	3010	372	3999.24
22-Dec-16	8.5	2970	377	3996.06

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-DM07				
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	819	3955	865	
<u>Date</u>				
05-Oct-16	46.8	3010	400	3978.86
19-Oct-16	46.1	2830	380	3975.67
02-Nov-16	36.6	3020	311	3980.00
16-Nov-16	33.8	2960	400	3983.02
12-Dec-16	36.7	3020	370	3992.82
22-Dec-16	30.2	3010	402	3979.73

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-DM08				
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	819	3955	865	
<u>Date</u>				
05-Oct-16	19.8	3090	380	4009.33
19-Oct-16	20.8	2900	320	3938.19
02-Nov-16	14.0	3110	320	4006.98
16-Nov-16	13.3	3060	380	4005.36
12-Dec-16	11.9	3110	369	4007.80
22-Dec-16	54.0	3100	369	4005.45

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-DM09				
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	819	3955	865	
<u>Date</u>				
05-Oct-16	82.1	2590	440	3884.65
19-Oct-16	86.4	2420	450	3829.64
02-Nov-16	48.1	2590	440	3834.98
16-Nov-16	49.1	2550	440	3872.55
12-Dec-16	52.9	2590	423	3898.76
22-Dec-16	11.2	2570	369	3841.59

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-DM10				
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	819	3955	865	
<u>Date</u>				
05-Oct-16	108.0	3030	420	4004.66
19-Oct-16	113.0	2750	420	4003.91
02-Nov-16	108.4	2990	410	4003.54
16-Nov-16	126.6	3000	400	4003.12
12-Dec-16	144.8	3080	395	4002.06
22-Dec-16	125.2	3060	402	4002.14

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-DM11				
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	819	3955	865	
<u>Date</u>				
05-Oct-16	2.9	2470	460	4002.06
19-Oct-16	5.0	2330	451	4000.93
02-Nov-16	7.1	2530	440	4001.36
16-Nov-16	5.0	2440	460	4001.57
12-Dec-16	5.0	2460	441	4008.42
22-Dec-16	7.1	2460	441	4003.37

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-DM12				
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	1258	5353	865	
<u>Date</u>				
05-Oct-16	561.6	3220	410	3842.86
19-Oct-16	658.6	3000	410	3801.92
02-Nov-16	565.3	3200	400	3843.38
16-Nov-16	563.3	3140	410	3827.41
12-Dec-16	533.3	3170	391	3850.04
22-Dec-16	518.2	3190	401	3808.36

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-DM13				
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	819	3955	865	
<u>Date</u>				
05-Oct-16	122.0	2830	550	3936.40
19-Oct-16	160.2	2550	420	3934.13
02-Nov-16	111.0	2850	530	3934.30
16-Nov-16	111.1	2710	502	3878.92
12-Dec-16	122.6	2790	487	3957.73
22-Dec-16	115.1	2780	472	3929.89

SM Monitor Wells

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-SM01				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	2892	897	
<u>Date</u>				
03-Oct-16	4.3	1317	510	4076.56
17-Oct-16	4.5	1310	501	4078.77
01-Nov-16	4.8	1351	510	4082.70
14-Nov-16	4.1	1317	520	4081.38
05-Dec-16	3.8	1343	505	4079.57
15-Dec-16	4.5	1375	502	4075.53

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-SM02				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	2892	897	
<u>Date</u>				
03-Oct-16	4.3	1757	580	4075.36
17-Oct-16	4.5	1741	610	4077.76
01-Nov-16	4.8	1800	580	4081.82
14-Nov-16	4.8	1756	600	4080.39
05-Dec-16	2.8	1814	601	4078.54
15-Dec-16	4.2	1834	597	4074.00

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-SM03				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	2892	897	
<u>Date</u>				
03-Oct-16	5.6	1824	600	4077.88
17-Oct-16	3.8	1810	630	4079.95
01-Nov-16	4.7	1896	590	4083.72
14-Nov-16	4.8	1810	610	4082.58
05-Dec-16	3.5	1881	609	4080.24
15-Dec-16	3.9	1898	603	4076.85

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-SM04				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	2892	897	
<u>Date</u>				
03-Oct-16	3.7	1779	600	4080.70
17-Oct-16	4.5	1754	670	4082.34
01-Nov-16	3.6	1814	588	4085.75
14-Nov-16	4.1	1745	610	4084.78
05-Dec-16	2.8	1813	625	4082.63
15-Dec-16	2.1	1833	607	4080.11

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-SM05				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	2892	897	
<u>Date</u>				
03-Oct-16	4.3	1564	550	4090.18
17-Oct-16	4.6	1711	600	4089.88
01-Nov-16	4.1	1665	508	4091.67
14-Nov-16	4.8	1596	530	4091.20
05-Dec-16	2.5	1664	570	4090.46
15-Dec-16	2.5	1676	569	4089.46

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-SM06				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	2892	897	
<u>Date</u>				
03-Oct-16	4.9	1852	560	4080.49
17-Oct-16	5.0	1896	630	4082.10
01-Nov-16	4.9	1936	511	4085.76
14-Nov-16	4.8	1899	525	4084.87
05-Dec-16	3.7	1966	617	4082.75
15-Dec-16	4.1	2000	614	4079.87

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-SM07				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	2892	897	
<u>Date</u>				
03-Oct-16	5.6	1888	590	4087.53
17-Oct-16	4.5	1874	650	4088.57
01-Nov-16	5.4	1985	585	4091.14
14-Nov-16	4.8	1914	540	4090.69
05-Dec-16	4.1	1978	656	4089.14
15-Dec-16	4.1	2010	649	4087.06

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-SM08				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	2892	897	
<u>Date</u>				
03-Oct-16	3.7	1425	490	4090.69
17-Oct-16	3.8	1360	570	4090.31
01-Nov-16	4.8	1581	511	4091.12
14-Nov-16	3.4	1421	520	4091.26
05-Dec-16	3.0	1493	563	4091.12
15-Dec-16	2.1	1530	563	4090.54

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-SM09				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	2892	897	
<u>Date</u>				
03-Oct-16	5.6	2050	610	4087.26
17-Oct-16	5.1	2030	660	4087.88
01-Nov-16	4.8	2120	589	4089.91
14-Nov-16	4.8	2020	665	4089.65
05-Dec-16	3.4	2070	654	4088.59
15-Dec-16	3.0	2100	647	4086.95

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-SM10				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	2892	897	
<u>Date</u>				
03-Oct-16	4.9	1556	520	4079.54
17-Oct-16	5.7	1545	540	4081.05
01-Nov-16	6.2	1571	470	4085.02
14-Nov-16	6.1	1531	530	4084.05
05-Dec-16	4.4	1574	540	4081.69
15-Dec-16	5.0	1589	533	4078.70

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-SM11				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	2892	897	
<u>Date</u>				
03-Oct-16	5.6	1435	560	4075.53
17-Oct-16	5.7	1469	430	4078.65
01-Nov-16	6.2	1522	440	4082.69
14-Nov-16	6.1	1459	560	4081.06
05-Dec-16	6.0	1513	548	4078.44
15-Dec-16	5.0	1523	542	4074.51

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-SM12				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	2892	897	
<u>Date</u>				
03-Oct-16	4.9	1817	630	4091.73
17-Oct-16	5.1	1744	620	4092.04
01-Nov-16	4.8	1816	588	4092.93
14-Nov-16	4.8	1751	611	4092.93
05-Dec-16	3.7	1822	608	4092.59
15-Dec-16	2.7	1827	601	4092.15

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-SM13				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	2892	897	
<u>Date</u>				
03-Oct-16	3.1	1388	560	4076.59
17-Oct-16	4.5	1356	530	4078.51
01-Nov-16	3.4	1399	480	4082.84
14-Nov-16	5.4	1339	540	4081.35
05-Dec-16	3.3	1401	525	4078.88
15-Dec-16	2.1	1408	524	4075.47

PM Monitor Wells

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-PM01				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3269	885	
<u>Date</u>				
04-Oct-16	6.2	2170	570	4035.98
18-Oct-16	7.7	2100	590	4062.63
01-Nov-16	7.6	2170	511	4051.83
14-Nov-16	8.2	2160	561	4042.23
05-Dec-16	6.2	2230	569	4032.51
15-Dec-16	6.0	2260	561	4029.09

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-PM02				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3269	885	
<u>Date</u>				
04-Oct-16	6.2	2240	520	4033.09
18-Oct-16	7.0	2210	570	4061.86
01-Nov-16	6.9	2340	490	4050.55
14-Nov-16	6.7	2240	540	4042.67
05-Dec-16	6.5	2250	538	4033.68
15-Dec-16	5.9	2300	531	4031.18

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-PM03				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3269	885	
<u>Date</u>				
04-Oct-16	4.9	2060	560	4040.91
18-Oct-16	6.4	1990	622	4040.86
02-Nov-16	5.5	2106	610	4046.05
14-Nov-16	5.5	2010	600	4042.78
05-Dec-16	5.1	2060	609	4043.29
15-Dec-16	4.7	2110	602	4043.84

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-PM04				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3269	885	
<u>Date</u>				
04-Oct-16	8.0	2360	500	4039.21
18-Oct-16	7.0	2260	572	4037.84
01-Nov-16	8.3	2360	500	4048.41
14-Nov-16	6.1	2290	541	4041.07
05-Dec-16	8.1	2340	549	4042.42
15-Dec-16	7.9	2420	543	4043.25

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-PM05				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3269	885	
<u>Date</u>				
04-Oct-16	4.9	1853	510	4046.69
18-Oct-16	5.1	1795	650	4043.81
01-Nov-16	4.8	1915	541	4051.56
14-Nov-16	5.4	1822	561	4047.06
05-Dec-16	3.4	1869	598	4047.83
15-Dec-16	3.5	1909	595	4048.95

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-PM06				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3269	885	
<u>Date</u>				
06-Oct-16	4.9	2240	610	4048.35
20-Oct-16	7.0	1815	600	4046.46
01-Nov-16	5.5	2080	570	4051.28
15-Nov-16	6.9	2000	550	4048.98
05-Dec-16	6.5	2210	588	4051.50
15-Dec-16	5.9	2280	577	4052.76

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-PM07				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3269	885	
<u>Date</u>				
06-Oct-16	6.2	2010	620	4051.28
20-Oct-16	5.1	1779	660	4048.56
01-Nov-16	5.5	2050	590	4049.65
15-Nov-16	6.1	1966	621	4050.78
05-Dec-16	3.8	2010	629	4055.72
15-Dec-16	4.1	2050	623	4055.40

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-PM08				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3269	885	
<u>Date</u>				
06-Oct-16	4.9	2290	600	4051.83
20-Oct-16	6.4	2140	590	4048.67
01-Nov-16	6.9	2360	538	4049.47
15-Nov-16	6.8	2280	569	4051.77
06-Dec-16	5.1	2330	588	4057.86
16-Dec-16	5.0	2320	579	4056.87

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-PM09				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3269	885	
<u>Date</u>				
06-Oct-16	6.8	2200	600	4048.62
20-Oct-16	6.4	2010	600	4043.45
01-Nov-16	5.6	2250	550	4045.80
15-Nov-16	6.8	2200	530	4051.47
06-Dec-16	4.6	2200	582	4061.52
16-Dec-16	5.0	2220	571	4058.97

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-PM10				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3269	885	
<u>Date</u>				
06-Oct-16	6.2	2140	650	4047.42
20-Oct-16	6.4	2000	630	4039.91
01-Nov-16	5.5	2250	611	4045.14
15-Nov-16	6.8	2150	600	4051.38
06-Dec-16	3.9	2230	520	4062.90
16-Dec-16	3.8	2180	614	4060.12

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-PM11				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3269	885	
<u>Date</u>				
06-Oct-16	6.2	2150	640	4045.08
20-Oct-16	6.4	1960	640	4036.92
01-Nov-16	6.1	2170	519	4044.00
15-Nov-16	5.4	2110	560	4050.11
06-Dec-16	5.1	2170	621	4061.03
16-Dec-16	3.7	2160	616	4059.50

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-PM12				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3269	885	
<u>Date</u>				
04-Oct-16	4.9	1937	520	4088.14
18-Oct-16	5.1	1896	610	4086.63
01-Nov-16	4.8	1990	570	4086.94
14-Nov-16	4.8	1897	570	4058.23
01-Dec-16	4.1	1940	620	4088.88
12-Dec-16	5.0	1962	607	4086.96

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-PM12A				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3269	885	
<u>Date</u>				
04-Oct-16	5.6	1926	580	4067.63
18-Oct-16	5.7	1854	580	4067.96
02-Nov-16	5.5	1982	600	4068.20
14-Nov-16	5.4	1879	540	4070.45
01-Dec-16	4.7	2380	597	4067.71
12-Dec-16	3.6	1951	591	4068.27

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-PM13				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3269	885	
<u>Date</u>				
05-Oct-16	6.8	1847	600	4071.36
18-Oct-16	3.2	1767	720	4070.71
01-Nov-16	4.1	1884	581	4070.96
15-Nov-16	6.1	1831	640	4072.65
05-Dec-16	2.6	1848	645	4071.07
15-Dec-16	2.2	1881	639	4070.83

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-PM14A				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3269	885	
<u>Date</u>				
05-Oct-16	3.7	2300	670	4071.20
18-Oct-16	4.5	2180	610	4069.33
01-Nov-16	5.5	2330	490	4069.74
15-Nov-16	6.8	2260	570	4071.85
05-Dec-16	5.0	2280	581	4069.42
15-Dec-16	5.0	2310	575	4069.19

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-PM15				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3269	885	
<u>Date</u>				
04-Oct-16	4.3	2170	530	4067.16
18-Oct-16	7.7	2100	540	4065.85
02-Nov-16	4.1	2240	550	4065.58
14-Nov-16	6.1	2130	530	4068.67
01-Dec-16	7.6	1968	536	4066.03
12-Dec-16	8.3	2710	518	4066.68

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-PM16				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3269	885	
<u>Date</u>				
04-Oct-16	5.6	2100	630	4066.63
18-Oct-16	6.4	2000	640	4065.75
02-Nov-16	6.1	2120	650	4065.22
14-Nov-16	5.5	2030	630	4068.43
01-Dec-16	5.0	2110	609	4065.91
12-Dec-16	5.1	2740	605	4066.56

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-PM17				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3269	885	
<u>Date</u>				
04-Oct-16	5.6	2180	650	4072.26
18-Oct-16	5.1	2080	630	4072.04
02-Nov-16	4.1	2230	656	4071.69
14-Nov-16	5.4	2140	641	4074.17
05-Dec-16	4.4	2170	650	4073.61
15-Dec-16	4.4	2230	644	4073.08

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-PM18				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3269	885	
<u>Date</u>				
04-Oct-16	5.6	2060	630	4024.72
18-Oct-16	5.7	1980	660	4061.25
01-Nov-16	6.1	2110	570	4053.78
14-Nov-16	5.4	2010	631	4037.96
05-Dec-16	5.5	2070	633	4022.62
15-Dec-16	4.9	2100	629	4016.60

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-PM19				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3269	885	
<u>Date</u>				
04-Oct-16	5.6	2220	620	4026.38
18-Oct-16	6.4	2120	630	4063.28
01-Nov-16	5.7	2260	650	4058.98
14-Nov-16	6.1	2150	620	4046.90
05-Dec-16	4.5	2190	621	4034.81
15-Dec-16	4.5	2250	606	4029.78

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU1-PM19A				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3269	885	
<u>Date</u>				
04-Oct-16	5.6	2210	620	4035.77
18-Oct-16	6.4	2120	620	4061.62
01-Nov-16	6.7	2260	611	4058.87
14-Nov-16	6.8	2140	630	4047.00
05-Dec-16	5.2	2250	618	4034.87
15-Dec-16	5.5	2280	607	4029.55

DM Monitor Wells

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-DM01				
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	41	2987	741	
<u>Date</u>				
10-Nov-16	17.8	2510	590	4024.37
01-Dec-16	25.8	2370	481	4023.22
13-Dec-16	18.9	2380	464	4020.96
27-Dec-16	17.9	2420	329	4021.33

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-DM02				
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	210	2987	741	
<u>Date</u>				
10-Nov-16	109.1	2310	415	4024.23
01-Dec-16	119.4	2400	451	4022.21
13-Dec-16	83.8	2400	450	4020.95
27-Dec-16	89.3	2260	338	4021.72

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-DM05				
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	41	2987	741	
<u>Date</u>				
10-Nov-16	<5	2180	400	4022.46
01-Dec-16	<5	2190	421	4021.35
13-Dec-16	<5	2250	413	4019.62
27-Dec-16	<5	2210	362	4020.06

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-DM06				
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	41	2987	741	
<u>Date</u>				
10-Nov-16	<5	2180	470	4022.82
01-Dec-16	<5	2140	449	4021.94
13-Dec-16	<5	2170	443	4020.99
27-Dec-16	<5	2200	376	4021.57

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-DM08				
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	41	2987	741	
<u>Date</u>				
10-Nov-16	8.9	2180	410	4019.65
01-Dec-16	15.4	2150	450	4021.09
13-Dec-16	14.2	2200	444	4020.68
27-Dec-16	9.3	2290	286	4020.94

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-DM09				
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	210	2987	741	
<u>Date</u>				
10-Nov-16	51.7	2230	390	4018.78
01-Dec-16	60.0	2260	403	4020.04
13-Dec-16	32.9	2270	404	4017.79
27-Dec-16	35.3	2360	370	4018.44

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-DM11				
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	210	2987	741	
<u>Date</u>				
10-Nov-16	96.3	2320	380	4024.44
01-Dec-16	98.4	2330	416	4022.20
13-Dec-16	84.6	2380	408	4019.36
28-Dec-16	107.7	2360	136	4018.62

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-DM12A				
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	210	2987	741	
<u>Date</u>				
10-Nov-16	70.3	2350	400	4018.06
01-Dec-16	79.3	1968	481	4020.37
13-Dec-16	115.1	2480	422	4019.38
28-Dec-16	153.0	2360	184	4016.36

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-DM14				
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	210	2987	741	
<u>Date</u>				
10-Nov-16	126.0	2390	370	4024.87
01-Dec-16	166.1	2440	411	4022.82
13-Dec-16	152.6	2480	411	4019.72
28-Dec-16	149.1	2430	201	4019.52

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-DM15				
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	41	2987	741	
<u>Date</u>				
11-Nov-16	17.8	3040	680	4024.18
01-Dec-16	29.6	2800	639	4022.55
13-Dec-16	28.6	2410	524	4022.22
27-Dec-16	27.0	2360	331	4021.94

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-DM16				
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	41	2987	741	
<u>Date</u>				
10-Nov-16	6.5	2113	440	4023.02
01-Dec-16	<5	2140	444	4023.34
13-Dec-16	<5	2200	446	4022.42
27-Dec-16	5.7	2200	354	4019.67

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-DM17				
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	210	2987	741	
<u>Date</u>				
10-Nov-16	30.5	2250	560	4024.57
01-Dec-16	44.4	2250	491	4025.00
13-Dec-16	41.0	2220	460	4024.28
27-Dec-16	39.0	2160	372	4023.86

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-DM18				
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	41	2987	741	
<u>Date</u>				
10-Nov-16	<5	2060	420	4025.34
01-Dec-16	<5	2110	402	4022.84
13-Dec-16	<5	2180	418	4019.64
28-Dec-16	<5	2180	220	4018.11

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-DM19				
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	41	2987	741	
<u>Date</u>				
10-Nov-16	8.3	2280	490	4026.42
01-Dec-16	7.1	2310	477	4022.83
13-Dec-16	5.3	2340	462	4017.92
28-Dec-16	8.4	2310	190	4018.49

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-DM20				
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	41	2987	741	
<u>Date</u>				
10-Nov-16	<5	2080	430	4032.20
01-Dec-16	<5	2070	375	4032.19
13-Dec-16	<5	2180	408	4029.71
28-Dec-16	<5	2190	205	4028.99

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-DM21				
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	41	2987	741	
<u>Date</u>				
10-Nov-16	6.8	2210	410	4028.39
01-Dec-16	7.0	2380	402	4032.59
13-Dec-16	9.4	2480	392	4030.82
27-Dec-16	12.7	2420	324	4030.86

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-DM22				
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	41	2987	741	
<u>Date</u>				
10-Nov-16	16.5	2400	570	4019.07
01-Dec-16	18.0	2420	543	4022.23
13-Dec-16	20.6	2340	492	4021.12
27-Dec-16	21.8	2320	378	4018.79

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-DM23				
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	210	2987	741	
<u>Date</u>				
10-Nov-16	66.3	2400	450	4028.06
01-Dec-16	115.1	2380	453	4023.88
13-Dec-16	85.0	2380	447	4023.75
27-Dec-16	68.2	2360	283	4024.73

SM Monitor Wells

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-SM01				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	1982	633	
<u>Date</u>				
03-Nov-16	0.7	1479	510	4101.90
16-Nov-16	2.7	1452	550	4101.17
06-Dec-16	5.3	1479	515	4101.49
19-Dec-16	4.8	1514	515	4102.35

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-SM02				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	1982	633	
<u>Date</u>				
10-Nov-16	5.5	1404	480	4105.26
01-Dec-16	6.5	1439	400	4105.71
13-Dec-16	7.5	1440	473	4106.15
27-Dec-16	7.5	1453	376	4106.45

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-SM05				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	1982	633	
<u>Date</u>				
02-Nov-16	3.4	1474	520	4096.29
16-Nov-16	2.7	1445	521	4094.39
05-Dec-16	7.0	1468	511	4095.13
15-Dec-16	6.0	1475	506	4096.32

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-SM06				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	1982	633	
<u>Date</u>				
02-Nov-16	3.4	1644	531	4082.04
16-Nov-16	6.8	1631	551	4081.19
05-Dec-16	4.4	1641	540	4082.07
15-Dec-16	3.7	1643	537	4083.90

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-SM08				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	1982	633	
<u>Date</u>				
04-Nov-16	8.0	1476	470	4097.52
16-Nov-16	7.5	1505	510	4096.94
07-Dec-16	4.9	1506	518	4097.56
20-Dec-16	3.5	1424	485	4098.46

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-SM09				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	1982	633	
<u>Date</u>				
04-Nov-16	3.2	1336	470	4101.82
16-Nov-16	6.1	1403	489	4100.99
07-Dec-16	4.6	1407	487	4100.99
20-Dec-16	3.5	1524	513	4102.34

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-SM11				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	1982	633	
<u>Date</u>				
07-Nov-16	4.1	1512	540	4097.32
21-Nov-16	5.4	1530	340	4094.46
06-Dec-16	3.4	1516	508	4094.96
19-Dec-16	3.0	1560	516	4096.97

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-SM12				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	1982	633	
<u>Date</u>				
04-Nov-16	3.2	1540	460	4098.49
15-Nov-16	2.0	1577	470	4099.78
07-Dec-16	4.9	1585	530	4099.63
19-Dec-16	3.4	1618	533	4101.93

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-SM14				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	1982	633	
<u>Date</u>				
07-Nov-16	4.1	1453	500	4087.74
21-Nov-16	6.1	1471	430	4085.10
06-Dec-16	4.0	1464	488	4085.27
19-Dec-16	3.5	1499	499	4086.37

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-SM15				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	1982	633	
<u>Date</u>				
03-Nov-16	3.4	1700	610	4097.74
14-Nov-16	2.7	1470	550	4097.59
07-Dec-16	2.2	1508	553	4096.77
20-Dec-16	2.6	1496	547	4097.22

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-SM16				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	1982	633	
<u>Date</u>				
03-Nov-16	0.7	1550	520	4095.56
15-Nov-16	1.4	1519	500	4096.46
07-Dec-16	4.1	1529	521	4094.58
19-Dec-16	3.4	1553	513	4097.26

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-SM17				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	1982	633	
<u>Date</u>				
03-Nov-16	3.4	1474	530	4095.76
15-Nov-16	2.7	1444	485	4094.11
06-Dec-16	2.3	1446	527	4096.24
19-Dec-16	1.7	1477	536	4097.80

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-SM18				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	1982	633	
<u>Date</u>				
03-Nov-16	6.4	1556	390	4087.89
15-Nov-16	5.4	1514	489	4087.81
06-Dec-16	5.1	1519	492	4087.78
19-Dec-16	5.1	1554	499	4088.75

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-SM19				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	1982	633	
<u>Date</u>				
03-Nov-16	5.5	1506	480	4089.07
15-Nov-16	4.1	1489	480	4089.57
06-Dec-16	5.1	1484	501	4089.42
20-Dec-16	5.1	1517	502	4090.22

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-SM20				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	1982	633	
<u>Date</u>				
03-Nov-16	0.7	1510	450	4090.32
15-Nov-16	2.8	1483	420	4090.37
06-Dec-16	3.2	1469	505	4090.39
19-Dec-16	2.1	1536	528	4091.61

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-SM21				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	1982	633	
<u>Date</u>				
03-Nov-16	0.7	1483	480	4092.42
15-Nov-16	2.0	1480	510	4092.34
06-Dec-16	3.0	1471	521	4092.60
19-Dec-16	2.1	1530	541	4093.94

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-SM22				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	1982	633	
<u>Date</u>				
04-Nov-16	6.0	1248	500	4099.09
15-Nov-16	2.0	1254	460	4098.51
06-Dec-16	3.0	1209	491	4098.96
20-Dec-16	2.3	1176	475	4100.42

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-SM23				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	1982	633	
<u>Date</u>				
10-Nov-16	8.3	1856	620	4088.02
01-Dec-16	4.8	1734	556	4088.77
13-Dec-16	4.7	1754	556	4089.72
27-Dec-16	5.0	1745	454	4090.37

PM Monitor Wells

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-PM01A				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3985	756	
<u>Date</u>				
03-Nov-16	5.5	2100	501	4044.82
16-Nov-16	6.1	2240	500	4045.04
07-Dec-16	7.5	2180	509	4042.61
20-Dec-16	7.1	2170	505	4041.41

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-PM02				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3985	756	
<u>Date</u>				
03-Nov-16	1.4	2370	430	4042.88
16-Nov-16	6.8	2370	540	4043.35
07-Dec-16	6.3	2360	563	4044.73
20-Dec-16	6.0	2360	558	4043.94

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-PM03				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3985	756	
<u>Date</u>				
04-Nov-16	6.7	1573	450	4042.69
16-Nov-16	4.8	1618	470	4040.98
08-Dec-16	4.7	1605	508	4046.57
20-Dec-16	5.0	1597	506	4046.83

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-PM04				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3985	756	
<u>Date</u>				
04-Nov-16	6.7	1553	450	4043.36
17-Nov-16	5.4	1569	505	4040.32
08-Dec-16	2.9	1610	538	4047.91
20-Dec-16	3.7	1594	533	4051.70

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-PM05				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3985	756	
<u>Date</u>				
04-Nov-16	5.3	1572	460	4044.35
17-Nov-16	4.8	1620	480	4043.25
08-Dec-16	3.6	1645	559	4048.65
20-Dec-16	3.3	1632	554	4052.06

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-PM06				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3985	756	
<u>Date</u>				
03-Nov-16	2.1	1632	550	4044.05
16-Nov-16	2.7	1648	550	4046.15
07-Dec-16	3.9	1628	571	4048.80
20-Dec-16	2.6	1633	566	4052.05

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-PM07				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3985	756	
<u>Date</u>				
03-Nov-16	3.4	1682	530	4042.59
16-Nov-16	3.4	1705	500	4044.82
07-Dec-16	3.3	1675	574	4047.73
20-Dec-16	1.9	1680	565	4051.02

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-PM08				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3985	756	
<u>Date</u>				
03-Nov-16	9.6	2430	380	4042.95
16-Nov-16	8.8	2420	420	4043.10
07-Dec-16	10.2	2400	456	4041.13
20-Dec-16	10.6	2390	441	4038.90

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-PM09				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3985	756	
<u>Date</u>				
03-Nov-16	11.7	2160	390	4041.53
16-Nov-16	11.6	2230	400	4043.88
07-Dec-16	12.8	2180	433	4041.12
20-Dec-16	13.5	2210	431	4038.48

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-PM10				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3985	756	
<u>Date</u>				
03-Nov-16	6.9	2250	520	4049.62
15-Nov-16	7.5	2220	520	4049.46
07-Dec-16	8.3	2250	528	4046.92
19-Dec-16	8.6	2260	523	4045.44

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-PM11				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3985	756	
<u>Date</u>				
03-Nov-16	6.9	1776	561	4052.30
15-Nov-16	6.9	1750	480	4053.91
07-Dec-16	6.0	1766	509	4051.41
19-Dec-16	6.7	1783	510	4050.54

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-PM12				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3985	756	
<u>Date</u>				
03-Nov-16	11.7	1522	480	4048.16
15-Nov-16	12.3	1502	450	4048.33
07-Dec-16	12.8	1499	437	4047.60
19-Dec-16	12.6	1526	433	4049.13

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-PM13				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3985	756	
<u>Date</u>				
03-Nov-16	11.7	1859	440	4048.52
15-Nov-16	12.3	1920	310	4048.69
06-Dec-16	12.0	1906	445	4048.55
19-Dec-16	10.6	2110	465	4049.59

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-PM14				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3985	756	
<u>Date</u>				
02-Nov-16	15.1	1645	480	4050.37
15-Nov-16	12.3	1645	411	4049.59
06-Dec-16	13.6	1673	467	4049.40
19-Dec-16	13.5	1787	463	4050.34

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-PM15				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3985	756	
<u>Date</u>				
02-Nov-16	9.0	1515	470	4058.73
15-Nov-16	8.8	1493	420	4057.98
06-Dec-16	9.4	1487	475	4058.11
19-Dec-16	9.8	1518	472	4058.24

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-PM16				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3985	756	
<u>Date</u>				
02-Nov-16	6.1	1531	620	4050.68
15-Nov-16	5.4	1532	460	4052.20
06-Dec-16	4.6	1531	510	4052.06
19-Dec-16	5.1	1554	516	4052.55

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-PM17				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3985	756	
<u>Date</u>				
02-Nov-16	6.9	1647	490	4048.19
15-Nov-16	7.5	1749	440	4050.01
06-Dec-16	9.1	1816	491	4049.89
19-Dec-16	5.7	1994	498	4049.96

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-PM18				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3985	756	
<u>Date</u>				
03-Nov-16	2.1	1630	520	4048.34
16-Nov-16	8.2	2090	460	4046.52
07-Dec-16	8.8	2110	498	4046.41
20-Dec-16	4.7	1664	502	4049.17

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-PM19				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3985	756	
<u>Date</u>				
03-Nov-16	8.9	1901	460	4048.02
16-Nov-16	8.8	1946	410	4045.01
08-Dec-16	8.9	1879	474	4044.51
20-Dec-16	8.9	1890	482	4048.57

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-PM20				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3985	756	
<u>Date</u>				
03-Nov-16	8.9	1593	500	4047.78
16-Nov-16	8.8	1572	430	4043.59
07-Dec-16	8.9	1576	484	4045.11
20-Dec-16	9.1	1616	510	4037.69

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-PM21				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3985	756	
<u>Date</u>				
04-Nov-16	8.7	1585	410	4042.78
21-Nov-16	8.2	1839	540	4040.94
08-Dec-16	7.6	1733	472	4041.09
21-Dec-16	6.2	1560	470	4043.53

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-PM22				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3985	756	
<u>Date</u>				
04-Nov-16	8.7	1548	490	4041.73
21-Nov-16	1.4	1530	560	4040.21
08-Dec-16	5.5	1554	483	4039.20
21-Dec-16	5.8	1543	472	4041.35

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-PM23				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3985	756	
<u>Date</u>				
04-Nov-16	10.8	1800	450	4041.52
21-Nov-16	8.2	1788	490	4039.85
08-Dec-16	7.4	1827	477	4038.48
21-Dec-16	7.9	1802	472	4040.93

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-PM24				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3985	756	
<u>Date</u>				
07-Nov-16	4.8	1560	500	4040.49
21-Nov-16	4.8	1592	520	4039.69
08-Dec-16	4.1	1616	510	4042.49
21-Dec-16	4.4	1600	503	4040.39

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-PM25				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3985	756	
<u>Date</u>				
07-Nov-16	4.8	1518	480	4041.70
21-Nov-16	4.1	1559	541	4040.78
08-Dec-16	3.0	1573	517	4043.32
21-Dec-16	3.3	1548	512	4041.91

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-PM26				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3985	756	
<u>Date</u>				
07-Nov-16	4.1	1515	500	4040.53
21-Nov-16	4.1	1534	530	4041.30
08-Dec-16	4.1	1557	516	4043.45
21-Dec-16	3.0	1536	511	4041.98

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-PM27				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3985	756	
<u>Date</u>				
07-Nov-16	4.1	1553	510	4037.11
21-Nov-16	4.1	1574	510	4043.60
08-Dec-16	3.7	1592	514	4046.40
21-Dec-16	2.8	1578	507	4045.69

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-PM28				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3985	756	
<u>Date</u>				
07-Nov-16	4.1	1592	550	4038.29
21-Nov-16	4.8	1615	500	4044.80
08-Dec-16	2.6	1641	545	4047.07
21-Dec-16	3.0	1620	538	4048.14

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-PM29				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3985	756	
<u>Date</u>				
07-Nov-16	4.8	1580	560	4039.04
21-Nov-16	4.1	1604	571	4044.20
08-Dec-16	2.3	1643	561	4046.29
21-Dec-16	3.6	1614	556	4048.08

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-PM30				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3985	756	
<u>Date</u>				
07-Nov-16	3.4	1567	520	4039.56
21-Nov-16	3.4	1577	510	4043.12
08-Dec-16	2.2	1623	559	4045.53
21-Dec-16	3.4	1601	554	4047.92

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-PM31				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3985	756	
<u>Date</u>				
07-Nov-16	4.1	1558	600	4040.71
21-Nov-16	3.4	1596	560	4043.97
08-Dec-16	2.1	1617	561	4046.21
21-Dec-16	2.7	1597	558	4049.78

Mine Unit 2		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2016
WELL ID: MU2-PM32				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	21	3985	756	
<u>Date</u>				
07-Nov-16	3.4	1534	590	4043.70
21-Nov-16	2.7	1576	540	4045.03
07-Dec-16	1.7	1592	571	4047.44
20-Dec-16	1.6	1632	573	4050.54

Appendix B
Mechanical Integrity Test Results

Mine Unit	Hole ID	MIT Date	Total Depth (ft)	Easting	Northing	Packer Depth (ft)	Initial Pressure	End Pressure	Pass/Fail	Sect	TwN & Rng	Quarter/Quarter
1	MU1-OZ339	10/24/2016	460	504085.84	4936720.26	395	175	168	Pass	7	53N 67W	SW SE
1	MU1-OZ340	11/3/2016	490	504044.33	4936655.63	435	175	160	Pass	18	53N 67W	NW NE
1	MU1-OZ341	11/22/2016	480	504083.92	4936518.24	360	175	160	Pass	18	53N 67W	NW NE
1	MU1-OZ087	10/4/2016	510	504034.94	4936626.38	440	175	169	Pass	18	53N 67W	NW NE
1	MU1-OZ221	10/4/2016	500	504016.21	4936521.90	415	175	165	Pass	18	53N 67W	NW NE
1	MU1-OZ003	10/6/2016	500	504054.17	4936593.33	410	175	164	Pass	18	53N 67W	NW NE
1	MU1-OZ193	10/11/2016	500	504113.77	4936579.58	405	175	160	Pass	18	53N 67W	NW NE
1	MU1-OZ211	10/11/2016	500	504054.64	4936546.87	420	175	166	Pass	18	53N 67W	NW NE
1	MU1-OZ219	10/11/2016	500	503975.49	4936522.89	405	175	165	Pass	18	53N 67W	NW NE
1	MU1-OZ075	10/13/2016	490	504152.76	4936694.92	390	175	169	Pass	18	53N 67W	NE NE
1	MU1-OZ077	10/14/2016	490	504191.64	4936694.50	390	175	160	Pass	18	53N 67W	NE NE
1	MU1-OZ070	10/24/2016	510	504055.11	4936706.38	415	175	162	Pass	18	53N 67W	NW NE
1	MU1-OZ066	10/24/2016	510	503995.09	4936625.63	455	175	164	Pass	18	53N 67W	NW NE
1	MU1-OZ100	11/2/2016	520	503974.77	4936636.57	450	175	166	Pass	18	53N 67W	NW NE
1	MU1-OZ339	11/2/2016	460	504085.84	4936720.26	395	175	162	Pass	7	53N 67W	SW SE
1	MU1-OZ041	11/15/2016	530	503949.51	4936695.60	415	175	170	Pass	18	53N 67W	NW NE
1	MU1-OZ138	11/15/2016	530	503993.70	4936739.30	415	175	169	Pass	7	53N 67W	SW SE
1	MU1-OZ088	11/23/2016	520	504014.17	4936614.83	450	175	164	Pass	18	53N 67W	NW NE
1	MU1-OZ174	12/19/2016	520	504114.96	4936758.96	415	175	162	Pass	7	53N 67W	SW SE
1	MU1-OZ208	10/11/2016	510	503974.71	4936545.17	455	175	160	Pass	18	53N 67W	NW NE
1	MU1-OZ190	10/11/2016	520	503991.59	4936576.77	450	175	163	Pass	18	53N 67W	NW NE
1	MU1-OZ085	10/24/2016	500	504076.92	4936648.47	415	175	163	Pass	18	53N 67W	NW NE
1	MU1-OZ087	11/16/2016	510	504034.94	4936626.38	450	175	159	Pass	18	53N 67W	NW NE
1	MU1-OZ209	10/5/2016	510	504015.06	4936545.55	440	175	166	Pass	18	53N 67W	NW NE
1	MU1-OZ081	11/15/2016	490	504153.22	4936671.95	390	175	171	Pass	18	53N 67W	NE NE

Mine Unit	Hole ID	MIT Date	Total Depth (ft)	Easting	Northing	Packer Depth (ft)	Initial Pressure	End Pressure	Pass/Fail	Sect	TwN & Rng	Quarter/Quarter
2	MU2-OZ234	10/3/2016	600	502884.79	4936282.16	510	175	169	Pass	13	53N 68W	SE NE
2	MU2-OZ283	10/3/2016	610	502984.76	4936296.23	445	175	166	Pass	18	53N 67W	NW NW
2	MU2-OZ281	10/3/2016	620	502984.75	4936340.83	550	175	165	Pass	18	53N 67W	NW NW
2	MU2-OZ282	10/3/2016	610	502985.39	4936319.05	455	175	165	Pass	18	53N 67W	NW NW
2	MU2-OZ284	10/3/2016	630	503004.06	4936306.26	450	175	162	Pass	18	53N 67W	NW NW
2	MU2-OZ232	10/4/2016	600	502906.15	4936247.21	500	175	162	Pass	13	53N 68W	SE NE
2	MU2-OZ296	10/4/2016	600	502924.93	4936259.30	490	175	164	Pass	13	53N 68W	SE NE
2	MU2-OZ231	10/6/2016	590	502925.83	4936238.54	490	175	164	Pass	13	53N 68W	SE NE
2	MU2-OZ236	10/6/2016	610	502924.42	4936306.12	515	175	168	Pass	13	53N 68W	NE NE
2	MU2-OZ233	10/6/2016	600	502925.21	4936282.26	500	175	159	Pass	13	53N 68W	SE NE
2	MU2-OZ235	10/6/2016	600	502901.96	4936296.99	505	175	166	Pass	13	53N 68W	NE NE
2	MU2-OZ159	10/7/2016	580	502947.11	4935883.44	520	175	162	Pass	18	53N 67W	NW SW
2	MU2-OZ257	10/7/2016	590	502994.71	4935988.82	520	175	162	Pass	18	53N 67W	SW NW
2	MU2-OZ220	10/7/2016	620	502885.13	4936329.55	510	175	166	Pass	13	53N 68W	NE NE
2	MU2-OZ261	10/10/2016	570	503083.34	4935931.07	490	175	163	Pass	18	53N 67W	SW NW
2	MU2-OZ260	10/10/2016	570	503103.61	4935939.70	475	175	165	Pass	18	53N 67W	SW NW
2	MU2-OZ251	10/10/2016	580	502986.63	4935888.28	505	175	161	Pass	18	53N 67W	NW SW
2	MU2-OZ341	10/10/2016	570	503091.53	4935921.30	475	175	162	Pass	18	53N 67W	SW NW
2	MU2-OZ033	10/12/2016	570	503103.09	4935929.33	510	175	161	Pass	18	53N 67W	SW NW
2	MU2-OZ110	10/12/2016	570	503122.58	4935962.97	480	175	166	Pass	18	53N 67W	SW NW
2	MU2-OZ188	10/12/2016	570	503107.41	4935958.13	480	175	165	Pass	18	53N 67W	SW NW
2	MU2-OZ259	10/12/2016	570	503124.01	4935957.18	500	175	162	Pass	18	53N 67W	SW NW
2	MU2-OZ158	10/13/2016	580	502948.06	4935906.72	490	175	167	Pass	18	53N 67W	SW NW
2	MU2-OZ265	10/13/2016	570	503090.66	4935952.43	480	175	164	Pass	18	53N 67W	SW NW
2	MU2-OZ217	10/14/2016	610	502905.16	4936317.56	510	175	166	Pass	13	53N 68W	NE NE
2	MU2-OZ280	10/14/2016	630	502984.89	4936362.89	550	175	162	Pass	18	53N 67W	NW NW

Mine Unit	Hole ID	MIT Date	Total Depth (ft)	Easting	Northing	Packer Depth (ft)	Initial Pressure	End Pressure	Pass/Fail	Sect	Twn & Rng	Quarter/Quarter
2	MU2-OZ223	10/17/2016	620	502924.33	4936353.52	460	175	168	Pass	13	53N 68W	NE NE
2	MU2-OZ274	10/17/2016	650	502885.84	4936420.43	590	175	163	Pass	13	53N 68W	NE NE
2	MU2-OZ275	10/17/2016	640	502905.98	4936406.37	575	175	165	Pass	13	53N 68W	NE NE
2	MU2-OZ303	10/17/2016	660	502905.74	4936431.50	590	175	160	Pass	13	53N 68W	NE NE
2	MU2-OZ215	10/18/2016	580	502997.49	4935896.27	500	175	169	Pass	18	53N 67W	SW NW
2	MU2-OZ216	10/18/2016	610	502885.21	4936306.80	510	175	163	Pass	13	53N 68W	NE NE
2	MU2-OZ224	10/18/2016	630	502905.25	4936363.55	470	175	161	Pass	13	53N 68W	NE NE
2	MU2-OZ213	10/19/2016	580	503003.26	4935915.56	510	175	162	Pass	18	53N 67W	SW NW
2	MU2-OZ229	10/19/2016	630	502886.13	4936375.99	525	175	160	Pass	13	53N 68W	NE NE
2	MU2-OZ273	10/19/2016	640	502885.67	4936396.94	575	175	166	Pass	13	53N 68W	NE NE
2	MU2-OZ364	10/19/2016	580	502975.37	4935907.71	490	175	165	Pass	18	53N 67W	SW NW
2	MU2-OZ230	10/20/2016	640	502865.46	4936386.28	580	175	162	Pass	13	53N 68W	NE NE
2	MU2-OZ130	10/20/2016	570	503122.70	4935941.39	510	175	161	Pass	18	53N 67W	SW NW
2	MU2-OZ363	10/21/2016	580	502974.42	4935953.76	530	175	161	Pass	18	53N 67W	SW NW
2	MU2-OZ202	10/25/2016	570	503009.21	4935770.91	490	175	165	Pass	18	53N 67W	NW SW
2	MU2-OZ197	10/25/2016	560	503051.79	4935756.05	395	175	164	Pass	18	53N 67W	NW SW
2	MU2-OZ204	10/25/2016	570	502970.14	4935795.16	495	175	164	Pass	18	53N 67W	NW SW
2	MU2-OZ199	10/25/2016	570	503025.32	4935763.36	430	175	158	Pass	18	53N 67W	NW SW
2	MU2-OZ206	10/25/2016	580	502970.85	4935758.06	515	175	167	Pass	18	53N 67W	NW SW
2	MU2-OZ198	10/25/2016	570	503033.84	4935756.44	415	175	162	Pass	18	53N 67W	NW SW
2	MU2-OZ340	10/26/2016	580	502976.46	4935929.14	515	175	167	Pass	18	53N 67W	SW NW
2	MU2-OZ408	10/26/2016	570	503016.97	4935878.41	510	175	160	Pass	18	53N 67W	NW SW
2	MU2-OZ409	10/26/2016	570	503017.07	4935848.85	490	175	160	Pass	18	53N 67W	NW SW
2	MU2-OZ201	10/27/2016	570	503004.86	4935756.22	515	175	164	Pass	18	53N 67W	NW SW
2	MU2-OZ410	10/27/2016	570	503007.86	4935837.30	495	175	168	Pass	18	53N 67W	NW SW
2	MU2-OZ419	10/27/2016	580	502984.40	4935918.96	495	175	170	Pass	18	53N 67W	SW NW

Mine Unit	Hole ID	MIT Date	Total Depth (ft)	Easting	Northing	Packer Depth (ft)	Initial Pressure	End Pressure	Pass/Fail	Sect	Twn & Rng	Quarter/Quarter
2	MU2-OZ420	10/27/2016	580	503006.87	4935925.70	490	175	162	Pass	18	53N 67W	SW NW
2	MU2-OZ411	10/27/2016	570	503034.03	4935843.54	490	175	165	Pass	18	53N 67W	NW SW
2	MU2-OZ327	10/28/2016	670	502925.02	4936467.78	595	175	161	Pass	13	53N 68W	NE NE
2	MU2-OZ416	10/31/2016	580	503151.75	4936087.44	490	175	161	Pass	18	53N 67W	SW NW
2	MU2-OZ203	11/1/2016	570	502993.85	4935781.67	490	175	167	Pass	18	53N 67W	NW SW
2	MU2-OZ214	11/2/2016	580	503023.98	4935910.36	515	175	161	Pass	18	53N 67W	SW NW
2	MU2-OZ354	11/2/2016	690	502886.63	4936510.94	610	175	166	Pass	13	53N 68W	NE NE
2	MU2-OZ407	11/2/2016	670	502903.76	4936454.85	595	175	165	Pass	13	53N 68W	NE NE
2	MU2-OZ270	11/3/2016	650	502845.91	4936397.51	590	175	164	Pass	13	53N 68W	NE NE
2	MU2-OZ271	11/3/2016	660	502846.94	4936420.54	595	175	161	Pass	13	53N 68W	NE NE
2	MU2-OZ272	11/3/2016	650	502865.15	4936408.92	590	175	160	Pass	13	53N 68W	NE NE
2	MU2-OZ344	11/7/2016	660	503103.29	4936522.90	575	75	160	Pass	18	53N 67W	NW NW
2	MU2-OZ331	11/10/2016	670	502983.97	4936475.83	605	175	159	Pass	18	53N 67W	NW NW
2	MU2-OZ171	11/14/2016	590	503182.93	4936134.06	490	175	160	Pass	18	53N 67W	SW NW
2	MU2-OZ332	11/14/2016	670	503003.69	4936489.41	605	175	159	Pass	18	53N 67W	NW NW
2	MU2-OZ334	11/14/2016	670	503044.11	4936489.43	595	162	162	Pass	18	53N 67W	NW NW
2	MU2-OZ417	11/14/2016	580	503173.21	4936093.88	490	175	161	Pass	18	53N 67W	SW NW
2	MU2-OZ166	11/14/2016	580	503141.64	4936089.61	490	175	164	Pass	18	53N 67W	SW NW
2	MU2-OZ305	11/15/2016	660	502886.36	4936442.36	590	175	163	Pass	13	53N 68W	NE NE
2	MU2-OZ355	11/15/2016	690	502905.99	4936522.42	615	175	166	Pass	13	53N 68W	NE NE
2	MU2-OZ413	11/16/2016	560	503131.12	4936010.07	490	175	168	Pass	18	53N 67W	SW NW
2	MU2-OZ415	11/16/2016	580	503149.10	4936061.00	490	175	161	Pass	18	53N 67W	SW NW
2	MU2-OZ424	11/16/2016	570	503131.90	4935994.73	490	175	167	Pass	18	53N 67W	SW NW
2	MU2-OZ412	11/18/2016	570	503139.24	4935966.64	475	175	168	Pass	18	53N 67W	SW NW
2	MU2-OZ421	11/18/2016	570	503060.76	4935871.03	490	175	164	Pass	18	53N 67W	NW SW
2	MU2-OZ422	11/18/2016	570	503073.68	4935900.80	490	175	164	Pass	18	53N 67W	SW NW

Mine Unit	Hole ID	MIT Date	Total Depth (ft)	Easting	Northing	Packer Depth (ft)	Initial Pressure	End Pressure	Pass/Fail	Sect	TwN & Rng	Quarter/Quarter
2	MU2-OZ365	11/23/2016	610	502885.26	4936260.53	510	175	169	Pass	13	53N 68W	SE NE
2	MU2-OZ367	11/28/2016	600	502923.57	4936219.44	510	175	162	Pass	13	53N 68W	SE NE
2	MU2-OZ369	11/28/2016	590	502938.44	4936246.47	490	175	162	Pass	18	53N 67W	SW NW
2	MU2-OZ370	11/28/2016	610	502939.20	4936270.68	495	175	161	Pass	18	53N 67W	SW NW
2	MU2-OZ219	12/20/2016	620	502847.89	4936328.22	530	175	161	Pass	13	53N 68W	NE NE
2	MU2-OZ225	12/20/2016	620	502887.08	4936353.00	515	175	159	Pass	13	53N 68W	NE NE
2	MU2-OZ237	12/20/2016	620	502866.43	4936337.33	530	175	162	Pass	13	53N 68W	NE NE
2	MU2-OZ446	12/20/2016	620	502845.66	4936306.26	530	175	160	Pass	13	53N 68W	NE NE
2	MU2-OZ221	12/21/2016	620	502925.59	4936328.63	515	175	168	Pass	13	53N 68W	NE NE
2	MU2-OZ228	12/21/2016	630	502906.10	4936386.28	570	175	166	Pass	13	53N 68W	NE NE
2	MU2-OZ368	12/21/2016	590	502937.51	4936229.86	490	175	166	Pass	18	53N 67W	SW NW
2	MU2-OZ374	12/21/2016	630	502939.33	4936365.83	470	175	161	Pass	18	53N 67W	NW NW
2	MU2-OZ309	12/22/2016	680	502826.35	4936431.89	595	175	159	Pass	13	53N 68W	NE NE
2	MU2-OZ023	10/21/2016	580	502983.27	4935768.92	495	175	165	Pass	18	53N 67W	NW SW
2	MU2-OZ029	10/28/2016	580	503082.67	4935940.95	515	175	161	Pass	18	53N 67W	SW NW
2	MU2-OZ212	11/4/2016	580	502977.59	4935897.77	515	175	166	Pass	18	53N 67W	SW NW
2	MU2-OZ341	11/4/2016	570	503091.53	4935921.30	475	175	167	Pass	18	53N 67W	SW NW
2	MU2-OZ147	11/28/2016	590	502969.43	4936032.94	530	175	162	Pass	18	53N 67W	SW NW
2	MU2-OZ128	12/1/2016	570	503084.18	4935895.35	515	175	161	Pass	18	53N 67W	SW NW
2	MU2-OZ268	12/30/2016	610	502865.89	4936294.10	515	175	163	Pass	13	53N 68W	NE NE
2	MU2-OZ371	12/30/2016	610	502937.49	4936296.59	510	175	164	Pass	18	53N 67W	NW NW

Appendix C
Daily Maximum Injection Pressure

Date	Header house 1 (PSI)	Header house 2 (PSI)	Header house 3 (PSI)	Header house 4 (PSI)	Header house 5 (PSI)	Header house 6 (PSI)
October 1, 2016	106.22	85.84	102.24	113.31	N/A	N/A
October 2, 2016	107.53	86.40	103.61	113.52	N/A	N/A
October 3, 2016	105.15	83.96	98.84	109.74	N/A	N/A
October 4, 2016	104.59	83.99	98.91	106.29	N/A	N/A
October 5, 2016	104.16	85.22	100.16	109.34	N/A	N/A
October 6, 2016	105.30	86.18	98.67	111.50	N/A	N/A
October 7, 2016	105.59	86.55	98.68	111.65	N/A	N/A
October 8, 2016	104.82	85.73	96.90	111.03	N/A	N/A
October 9, 2016	105.24	86.42	97.80	111.45	N/A	N/A
October 10, 2016	104.96	86.02	96.33	111.24	N/A	N/A
October 11, 2016	105.07	84.68	96.04	110.70	N/A	N/A
October 12, 2016	81.23	58.00	73.35	87.37	N/A	N/A
October 13, 2016	88.09	64.08	80.27	92.59	N/A	N/A
October 14, 2016	87.27	63.47	79.26	91.84	N/A	N/A
October 15, 2016	86.93	63.74	80.70	91.73	N/A	N/A
October 16, 2016	87.35	64.25	79.65	92.83	N/A	N/A
October 17, 2016	85.25	63.36	78.49	90.50	N/A	N/A
October 18, 2016	83.80	62.23	77.19	87.73	N/A	N/A
October 19, 2016	88.53	66.36	81.84	91.96	N/A	N/A
October 20, 2016	80.06	64.15	78.18	88.39	N/A	N/A
October 21, 2016	97.19	77.36	93.14	103.52	N/A	N/A
October 22, 2016	0.74	0.17	0.16	1.49	N/A	N/A
October 23, 2016	84.66	66.19	80.00	88.78	N/A	N/A
October 24, 2016	87.51	69.32	83.14	92.30	N/A	N/A
October 25, 2016	87.72	69.92	83.75	92.94	N/A	N/A
October 26, 2016	86.67	69.78	83.84	93.51	N/A	N/A
October 27, 2016	90.23	74.29	89.00	96.87	N/A	N/A
October 28, 2016	88.03	72.39	86.74	94.25	N/A	N/A
October 29, 2016	92.70	76.25	90.77	98.93	N/A	N/A
October 30, 2016	89.73	74.02	88.59	95.55	N/A	N/A
October 31, 2016	95.58	78.91	93.94	102.22	N/A	N/A
November 1, 2016	94.89	78.34	93.28	100.10	89.29	N/A
November 2, 2016	89.91	71.17	85.99	93.63	85.00	N/A
November 3, 2016	90.09	72.84	86.83	95.58	104.59	N/A
November 4, 2016	92.84	76.04	86.37	98.51	106.35	N/A
November 5, 2016	91.25	73.38	81.99	97.09	80.34	N/A
November 6, 2016	90.24	73.96	82.37	96.16	92.37	N/A
November 7, 2016	95.19	77.73	87.11	100.28	103.32	N/A
November 8, 2016	93.03	76.65	85.90	99.05	112.90	N/A

Date	Header house 1 (PSI)	Header house 2 (PSI)	Header house 3 (PSI)	Header house 4 (PSI)	Header house 5 (PSI)	Header house 6 (PSI)
November 9, 2016	101.47	83.21	95.17	105.88	115.01	N/A
November 10, 2016	96.72	80.95	91.98	103.15	116.34	N/A
November 11, 2016	97.75	82.09	94.92	104.33	116.42	N/A
November 12, 2016	96.27	80.01	91.02	102.34	119.23	N/A
November 13, 2016	97.32	80.63	91.08	103.12	119.56	N/A
November 14, 2016	100.60	83.40	94.54	105.84	119.89	N/A
November 15, 2016	86.14	70.85	86.27	94.19	119.89	N/A
November 16, 2016	93.24	70.28	92.01	101.54	118.90	N/A
November 17, 2016	96.12	75.12	92.52	103.15	122.64	N/A
November 18, 2016	95.77	74.75	92.08	102.92	127.91	N/A
November 19, 2016	97.94	77.62	95.62	105.55	128.04	N/A
November 20, 2016	96.92	76.81	94.53	104.56	128.27	N/A
November 21, 2016	98.87	77.65	95.41	105.78	129.15	N/A
November 22, 2016	100.48	80.30	96.71	107.89	122.57	N/A
November 23, 2016	101.12	80.36	97.25	108.35	124.20	N/A
November 24, 2016	101.52	82.18	98.66	109.11	122.51	N/A
November 25, 2016	101.46	81.79	98.80	109.27	124.39	N/A
November 26, 2016	100.79	80.69	97.42	108.04	121.60	N/A
November 27, 2016	102.10	82.09	99.19	109.68	124.57	N/A
November 28, 2016	100.93	82.89	99.48	109.65	126.82	N/A
November 29, 2016	102.16	82.77	99.99	110.48	126.48	N/A
November 30, 2016	102.20	82.78	99.59	110.42	136.98	N/A
December 1, 2016	101.89	82.95	99.06	110.48	125.32	N/A
December 2, 2016	102.85	83.75	102.00	111.54	127.61	N/A
December 3, 2016	103.46	83.70	102.15	111.65	126.95	N/A
December 4, 2016	102.82	83.10	101.76	110.33	126.57	N/A
December 5, 2016	102.59	82.79	102.27	111.38	125.30	N/A
December 6, 2016	100.81	81.58	100.65	109.81	128.91	N/A
December 7, 2016	101.17	81.71	99.19	110.21	136.11	N/A
December 8, 2016	105.02	84.61	103.43	113.19	131.82	N/A
December 9, 2016	103.50	83.15	102.67	110.78	134.81	N/A
December 10, 2016	106.30	85.83	105.08	113.79	135.66	N/A
December 11, 2016	103.94	84.25	103.89	112.35	136.20	N/A
December 12, 2016	102.92	85.30	101.86	112.28	136.17	N/A
December 13, 2016	101.69	83.77	100.67	111.03	132.41	N/A
December 14, 2016	104.50	86.54	104.42	112.15	131.95	N/A
December 15, 2016	101.76	85.01	102.49	110.99	125.15	N/A
December 16, 2016	100.93	86.04	105.67	112.69	128.50	N/A
December 17, 2016	99.65	83.52	101.36	110.26	121.42	N/A

Date	Header house 1 (PSI)	Header house 2 (PSI)	Header house 3 (PSI)	Header house 4 (PSI)	Header house 5 (PSI)	Header house 6 (PSI)
December 18, 2016	103.68	88.07	104.78	112.29	120.92	N/A
December 19, 2016	102.49	86.89	103.13	112.06	126.05	N/A
December 20, 2016	101.22	83.88	102.00	110.28	119.92	N/A
December 21, 2016	103.44	87.64	103.85	111.48	125.28	N/A
December 22, 2016	98.40	85.87	101.80	109.73	125.93	N/A
December 23, 2016	100.72	87.04	102.21	111.76	127.23	N/A
December 24, 2016	103.04	88.24	104.49	112.91	126.32	N/A
December 25, 2016	103.61	88.49	105.07	113.06	125.46	N/A
December 26, 2016	104.49	89.46	106.27	113.96	125.90	N/A
December 27, 2016	106.29	90.94	107.97	114.71	305.80	N/A
December 28, 2016	92.95	76.73	96.74	104.13	129.57	113.77
December 29, 2016	85.19	70.09	89.22	94.88	135.32	132.07
December 30, 2016	80.18	65.28	84.50	75.52	118.35	114.63
December 31, 2016	73.54	58.68	77.39	72.53	119.99	107.41

Appendix D
Header House Daily Average Flow Rates

Date	Header house 1		Header house 2		Header house 3		Header house 4		Header house 5	
	Injection (GPM)	Recovery (GPM)	Injection (GPM)	Recovery (GPM)	Injection (GPM)	Recovery (GPM)	Injection (GPM)	Recovery (GPM)	Injection (GPM)	Recovery (GPM)
October 1, 2016	356	423	682	624	458	455	201	186	N/A	N/A
October 2, 2016	361	436	724	650	480	465	225	228	N/A	N/A
October 3, 2016	328	401	660	599	445	420	188	200	N/A	N/A
October 4, 2016	369	443	702	647	498	470	226	227	N/A	N/A
October 5, 2016	386	457	685	646	510	477	240	232	N/A	N/A
October 6, 2016	374	454	681	649	537	488	227	239	N/A	N/A
October 7, 2016	351	423	663	622	512	460	216	225	N/A	N/A
October 8, 2016	354	436	677	644	536	477	227	234	N/A	N/A
October 9, 2016	346	430	674	641	535	473	223	231	N/A	N/A
October 10, 2016	334	415	675	640	537	473	218	232	N/A	N/A
October 11, 2016	252	321	534	496	425	367	165	180	N/A	N/A
October 12, 2016	94	124	184	165	129	124	64	59	N/A	N/A
October 13, 2016	372	466	761	693	530	517	285	258	N/A	N/A
October 14, 2016	355	455	759	694	518	513	287	251	N/A	N/A
October 15, 2016	350	450	751	694	515	511	280	242	N/A	N/A
October 16, 2016	345	445	749	691	514	511	279	242	N/A	N/A
October 17, 2016	357	449	735	689	511	508	297	251	N/A	N/A
October 18, 2016	353	450	729	687	508	508	312	258	N/A	N/A
October 19, 2016	384	454	717	687	501	505	305	260	N/A	N/A
October 20, 2016	407	441	694	682	493	505	290	251	N/A	N/A
October 21, 2016	403	445	648	630	456	465	268	238	N/A	N/A
October 22, 2016	0	0	0	0	0	0	0	0	N/A	N/A
October 23, 2016	350	406	583	567	411	412	252	216	N/A	N/A
October 24, 2016	428	492	706	678	503	505	296	257	N/A	N/A
October 25, 2016	453	497	704	678	501	510	290	257	N/A	N/A
October 26, 2016	464	499	699	675	493	505	284	254	N/A	N/A
October 27, 2016	465	496	691	664	481	501	280	253	N/A	N/A

Date	Header house 1		Header house 2		Header house 3		Header house 4		Header house 5	
	Injection (GPM)	Recovery (GPM)	Injection (GPM)	Recovery (GPM)	Injection (GPM)	Recovery (GPM)	Injection (GPM)	Recovery (GPM)	Injection (GPM)	Recovery (GPM)
October 28, 2016	457	494	692	658	476	505	289	256	N/A	N/A
October 29, 2016	452	494	693	661	476	502	292	255	N/A	N/A
October 30, 2016	449	492	694	661	471	496	288	254	N/A	N/A
October 31, 2016	447	490	699	673	475	494	290	254	N/A	N/A
November 1, 2016	414	456	688	655	451	471	272	239	N/A	N/A
November 2, 2016	413	470	719	685	513	506	279	257	N/A	N/A
November 3, 2016	432	482	712	682	508	503	274	255	N/A	N/A
November 4, 2016	441	492	719	634	482	490	274	253	N/A	N/A
November 5, 2016	441	488	717	0	479	493	275	251	N/A	N/A
November 6, 2016	446	487	710	447	465	487	278	249	N/A	N/A
November 7, 2016	462	486	712	426	462	493	281	252	N/A	N/A
November 8, 2016	473	494	720	0	458	496	282	253	N/A	N/A
November 9, 2016	428	479	714	0	444	475	276	250	N/A	N/A
November 10, 2016	440	476	699	0	445	473	269	249	N/A	N/A
November 11, 2016	459	479	695	472	439	475	267	249	N/A	N/A
November 12, 2016	453	472	698	666	434	475	268	249	N/A	N/A
November 13, 2016	445	470	699	664	442	477	268	250	N/A	N/A
November 14, 2016	371	385	574	540	364	391	216	203	N/A	N/A
November 15, 2016	459	473	676	643	471	491	253	246	N/A	N/A
November 16, 2016	464	493	712	666	465	498	253	238	N/A	N/A
November 17, 2016	438	487	729	680	495	509	256	242	N/A	N/A
November 18, 2016	441	491	737	609	496	508	252	232	N/A	N/A
November 19, 2016	449	492	734	729	490	504	256	241	N/A	N/A
November 20, 2016	442	489	731	728	489	499	256	243	N/A	N/A
November 21, 2016	451	490	731	729	485	500	257	243	N/A	N/A
November 22, 2016	464	496	725	732	488	504	254	243	N/A	N/A
November 23, 2016	451	483	721	729	493	500	251	242	N/A	N/A

Date	Header house 1		Header house 2		Header house 3		Header house 4		Header house 5	
	Injection (GPM)	Recovery (GPM)	Injection (GPM)	Recovery (GPM)	Injection (GPM)	Recovery (GPM)	Injection (GPM)	Recovery (GPM)	Injection (GPM)	Recovery (GPM)
November 24, 2016	462	494	718	729	492	501	251	241	N/A	N/A
November 25, 2016	452	491	715	721	488	496	249	239	N/A	N/A
November 26, 2016	447	491	713	722	488	502	249	238	N/A	N/A
November 27, 2016	435	483	714	716	490	496	247	235	N/A	N/A
November 28, 2016	447	486	713	719	494	501	245	230	N/A	N/A
November 29, 2016	449	494	712	716	489	497	244	238	N/A	N/A
November 30, 2016	451	496	715	716	490	491	227	235	N/A	N/A
December 1, 2016	473	503	713	718	492	504	230	236	N/A	N/A
December 2, 2016	466	498	721	718	480	494	228	236	N/A	N/A
December 3, 2016	440	489	727	712	470	480	226	232	N/A	N/A
December 4, 2016	431	484	717	707	459	471	235	229	N/A	N/A
December 5, 2016	445	489	720	713	455	479	244	231	N/A	N/A
December 6, 2016	454	493	722	721	467	495	248	235	N/A	N/A
December 7, 2016	443	491	719	719	482	500	235	233	N/A	N/A
December 8, 2016	437	487	725	715	477	497	234	231	N/A	N/A
December 9, 2016	430	479	730	726	468	490	233	227	N/A	N/A
December 10, 2016	421	468	713	711	450	469	224	218	N/A	N/A
December 11, 2016	429	474	724	719	457	474	224	226	N/A	N/A
December 12, 2016	452	477	714	722	461	478	225	227	N/A	N/A
December 13, 2016	448	478	698	718	475	479	225	227	N/A	N/A
December 14, 2016	450	466	677	701	455	464	218	221	N/A	N/A
December 15, 2016	483	481	681	708	446	473	223	226	N/A	N/A
December 16, 2016	506	491	683	720	445	480	227	228	N/A	N/A
December 17, 2016	502	497	696	733	469	499	236	237	N/A	N/A
December 18, 2016	476	487	676	702	458	481	232	232	N/A	N/A
December 19, 2016	454	479	674	680	451	476	229	227	N/A	N/A
December 20, 2016	441	425	659	672	422	477	223	225	N/A	N/A

Date	Header house 1		Header house 2		Header house 3		Header house 4		Header house 5	
	Injection (GPM)	Recovery (GPM)	Injection (GPM)	Recovery (GPM)	Injection (GPM)	Recovery (GPM)	Injection (GPM)	Recovery (GPM)	Injection (GPM)	Recovery (GPM)
December 21, 2016	467	458	671	678	433	483	229	228	N/A	N/A
December 22, 2016	502	499	685	682	441	494	234	232	N/A	N/A
December 23, 2016	495	501	691	690	456	497	233	233	N/A	N/A
December 24, 2016	483	497	701	704	460	491	231	230	N/A	N/A
December 25, 2016	476	497	707	707	454	490	237	232	N/A	N/A
December 26, 2016	455	482	691	687	435	472	231	225	N/A	N/A
December 27, 2016	433	438	663	685	380	412	152	127	56	173
December 28, 2016	399	414	649	656	350	379	83	61	157	167
December 29, 2016	411	420	640	636	344	382	83	66	145	154
December 30, 2016	422	426	635	632	352	385	77	70	148	163
December 31, 2016	426	431	643	636	372	388	73	70	133	169

Appendix E
Mine Unit Wellfield Daily Flow Volumes

Mine Unit 1 Wellfield Daily Flow Volumes				
Date	Recovery (gallons)	Injection (gallons)	Wellfield Net Bleed (gallons)	% Net Bleed
October 1, 2016	2,490,476	2,384,703	20,409	0.82%
October 2, 2016	2,623,477	2,514,651	19,448	0.74%
October 3, 2016	2,388,336	2,284,709	24,017	1.01%
October 4, 2016	2,625,722	2,524,176	13,120	0.50%
October 5, 2016	2,660,093	2,557,555	12,332	0.46%
October 6, 2016	2,693,765	2,562,307	39,687	1.47%
October 7, 2016	2,567,576	2,455,812	23,414	0.91%
October 8, 2016	2,650,260	2,523,454	36,103	1.36%
October 9, 2016	2,622,282	2,499,181	34,821	1.33%
October 10, 2016	2,599,326	2,483,756	27,396	1.05%
October 11, 2016	2,021,642	1,937,941	16,760	0.83%
October 12, 2016	696,071	668,076	2,577	0.37%
October 13, 2016	2,851,122	2,735,689	24,610	0.86%
October 14, 2016	2,813,257	2,695,599	19,191	0.68%
October 15, 2016	2,779,830	2,662,671	22,434	0.81%
October 16, 2016	2,765,511	2,648,497	20,536	0.74%
October 17, 2016	2,778,020	2,664,312	20,163	0.73%
October 18, 2016	2,788,892	2,675,815	18,675	0.67%
October 19, 2016	2,787,573	2,678,901	14,370	0.52%
October 20, 2016	2,762,768	2,651,015	18,545	0.67%
October 21, 2016	2,600,817	2,498,594	21,420	0.82%
October 22, 2016	184	5,364	23	12.22%
October 23, 2016	2,341,071	2,244,179	14,383	0.61%
October 24, 2016	2,828,182	2,710,898	19,267	0.68%
October 25, 2016	2,847,544	2,730,632	18,500	0.65%
October 26, 2016	2,834,733	2,716,880	18,867	0.67%
October 27, 2016	2,800,656	2,685,686	18,709	0.67%
October 28, 2016	2,796,531	2,682,012	18,862	0.67%
October 29, 2016	2,792,860	2,680,141	15,946	0.57%
October 30, 2016	2,779,477	2,665,185	18,749	0.67%
October 31, 2016	2,788,033	2,675,488	18,369	0.66%
November 1, 2016	2,648,565	2,554,073	18,654	0.70%
November 2, 2016	2,772,354	2,690,200	19,149	0.69%
November 3, 2016	2,779,117	2,696,914	19,108	0.69%
November 4, 2016	2,767,236	2,686,013	19,422	0.70%
November 5, 2016	2,761,744	2,679,168	19,491	0.71%
November 6, 2016	2,740,765	2,660,142	18,923	0.69%
November 7, 2016	2,770,207	2,687,396	21,028	0.76%
November 8, 2016	2,794,315	2,710,606	15,140	0.54%

Mine Unit 1 Wellfield Daily Flow Volumes				
Date	Recovery (gallons)	Injection (gallons)	Wellfield Net Bleed (gallons)	% Net Bleed
November 9, 2016	2,696,438	2,615,868	17,807	0.66%
November 10, 2016	2,683,103	2,602,513	24,565	0.92%
November 11, 2016	2,695,638	2,611,482	25,601	0.95%
November 12, 2016	2,682,421	2,603,435	13,804	0.51%
November 13, 2016	2,685,815	2,605,257	14,766	0.55%
November 14, 2016	2,206,196	2,146,490	13,711	0.62%
November 15, 2016	2,677,753	2,639,049	17,356	0.65%
November 16, 2016	2,721,292	2,680,788	18,529	0.68%
November 17, 2016	2,760,781	2,718,574	19,399	0.70%
November 18, 2016	2,770,056	2,730,832	18,600	0.67%
November 19, 2016	2,771,161	2,733,366	15,168	0.55%
November 20, 2016	2,760,252	2,723,471	15,823	0.57%
November 21, 2016	2,763,933	2,726,829	21,251	0.77%
November 22, 2016	2,784,910	2,738,621	29,037	1.04%
November 23, 2016	2,753,509	2,717,920	20,607	0.75%
November 24, 2016	2,767,824	2,729,400	16,902	0.61%
November 25, 2016	2,742,392	2,706,034	15,485	0.56%
November 26, 2016	2,750,482	2,695,399	36,065	1.31%
November 27, 2016	2,717,414	2,681,103	17,144	0.63%
November 28, 2016	2,725,803	2,697,548	11,275	0.41%
November 29, 2016	2,755,600	2,693,072	22,019	0.80%
November 30, 2016	2,762,191	2,724,602	20,463	0.74%
December 1, 2016	2,831,875	2,721,969	22,659	0.80%
December 2, 2016	2,839,351	2,700,678	15,138	0.53%
December 3, 2016	2,697,852	2,650,705	15,706	0.58%
December 4, 2016	2,652,773	2,618,761	14,607	0.55%
December 5, 2016	2,684,065	2,646,571	16,928	0.63%
December 6, 2016	2,731,223	2,694,833	14,483	0.53%
December 7, 2016	2,750,352	2,712,580	13,842	0.50%
December 8, 2016	2,766,666	2,678,361	9,587	0.35%
December 9, 2016	2,770,455	2,661,345	17,938	0.65%
December 10, 2016	2,617,397	2,586,352	13,791	0.53%
December 11, 2016	2,655,231	2,621,864	14,218	0.54%
December 12, 2016	2,679,237	2,645,957	21,471	0.80%
December 13, 2016	2,676,318	2,642,830	22,277	0.83%
December 14, 2016	2,605,282	2,572,996	14,943	0.57%
December 15, 2016	2,652,633	2,620,447	14,563	0.55%
December 16, 2016	2,688,214	2,654,036	15,530	0.58%
December 17, 2016	2,757,455	2,724,491	14,130	0.51%

Mine Unit 1 Wellfield Daily Flow Volumes				
Date	Recovery (gallons)	Injection (gallons)	Wellfield Net Bleed (gallons)	% Net Bleed
December 18, 2016	2,664,882	2,633,447	13,765	0.52%
December 19, 2016	2,608,227	2,577,188	13,481	0.52%
December 20, 2016	2,525,842	2,493,214	22,973	0.91%
December 21, 2016	2,588,402	2,561,933	15,409	0.60%
December 22, 2016	2,675,934	2,645,429	20,040	0.75%
December 23, 2016	2,690,779	2,668,858	10,665	0.40%
December 24, 2016	2,693,790	2,671,511	4,470	0.17%
December 25, 2016	2,700,108	2,671,022	10,435	0.39%
December 26, 2016	2,610,053	2,588,135	8,624	0.33%
December 27, 2016	2,392,272	2,342,405	49,867	2.08%
December 28, 2016	2,173,392	2,132,611	40,781	1.88%
December 29, 2016	2,164,032	2,128,651	35,381	1.63%
December 30, 2016	2,177,712	2,141,165	36,547	1.68%
December 31, 2016	2,196,432	2,180,765	15,667	0.71%
Total	240,963,594	234,581,149	1,757,903	0.73%

Mine Unit 2 Wellfield Daily Flow Volumes				
Date	Recovery (gallons)	Injection (gallons)	Wellfield Net Bleed (gallons)	% Net Bleed
December 27, 2016	249,450	80,246	169,205	67.83%
December 28, 2016	239,791	226,008	13,783	5.75%
December 29, 2016	223,671	209,090	14,581	6.52%
December 30, 2016	237,367	212,773	24,595	10.36%
December 31, 2016	245,694	191,387	54,308	22.10%
Total	1,195,974	919,503	276,471	23.12%