



AD-9091

October 27, 2016

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
Correction to Third Quarter 2016 Report

Dear Mr. Rogaczewski and NRC Director:

By letter dated October 19, 2016, Strata Energy Inc. (Strata) submitted a quarterly report for the third quarter of 2016. It has come to our attention that Appendix A included some incorrect upper control limit values and did not include data for one of the monitor wells. Enclosed please find a corrected Appendix A and an executed certification required by WDEQ.

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.

A handwritten signature in black ink, appearing to read "Mike Griffin".

Mike Griffin
Vice President of Permitting, Regulatory and Environmental Compliance

Attachments: Third Quarter 2016 Report, Corrected Appendix A – 1 copy to NRC, 2 copies to WDEQ-LQD

NM5520

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.



Michael L. Griffin

Vice President of Permitting, Regulatory, and Environmental Compliance
Strata Energy Inc.

Appendix A
Excursion Monitoring Results
(Revised October 27, 2016)

DM Monitor Wells

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
14-Jul-16	97.7	2700	370	4009.12	
28-Jul-16	104.0	2720	310	4001.43	
10-Aug-16	87.7	2990	380	3990.97	
24-Aug-16	87.5	2970	330	4000.22	
07-Sep-16	90.3	2960	350	4000.15	
21-Sep-16	88.8	2800	370	3907.49	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
14-Jul-16	245.7	2630	440	3914.75	
28-Jul-16	279.3	2820	420	3848.98	
10-Aug-16	339.7	2930	450	3808.91	
24-Aug-16	280.8	2930	400	3851.70	
07-Sep-16	260.4	2900	320	3893.31	
21-Sep-16	270.8	2750	330	3712.41	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
14-Jul-16	436.8	2770	400	3962.48	
28-Jul-16	357.0	2780	400	3943.23	
10-Aug-16	350.8	3010	420	3927.74	
24-Aug-16	324.0	2960	330	3938.56	
07-Sep-16	394.8	3030	320	3950.00	
21-Sep-16	421.8	2860	320	3845.08	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
14-Jul-16	79.1	2570	400	4006.67	
28-Jul-16	82.6	2610	330	4000.42	
10-Aug-16	111.0	2820	400	3993.73	
24-Aug-16	84.2	2810	340	3998.07	
07-Sep-16	81.2	2800	350	3997.84	
21-Sep-16	57.7	2650	330	3831.96	

Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells				
Mine Unit 1				Quarterly Report 3rd 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>				
14-Jul-16	630.0	2970	350	3931.51
28-Jul-16	483.0	2850	320	3887.14
10-Aug-16	475.1	3070	400	3856.55
24-Aug-16	432.0	3020	370	3888.70
07-Sep-16	457.8	3080	350	3893.63
21-Sep-16	484.0	2910	270	3866.24

Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells				
Mine Unit 1				Quarterly Report 3rd 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>				
14-Jul-16	13.3	2530	360	4006.68
28-Jul-16	10.9	2730	320	3983.80
10-Aug-16	7.4	2960	380	3997.47
24-Aug-16	10.8	2940	360	4002.09
07-Sep-16	6.3	2970	310	4003.55
21-Sep-16	7.4	2820	300	3979.70

Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells				
Mine Unit 1				Quarterly Report 3rd 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>				
14-Jul-16	46.9	2690	410	3998.94
28-Jul-16	40.6	2760	330	4004.07
10-Aug-16	39.2	3000	411	3970.88
24-Aug-16	61.9	2950	400	3987.15
07-Sep-16	39.2	2970	350	3989.43
21-Sep-16	40.7	2790	370	3975.74

Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells				
Mine Unit 1				Quarterly Report 3rd 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>				
14-Jul-16	43.8	2760	380	4016.64
28-Jul-16	33.6	2840	320	4011.96
10-Aug-16	25.2	3080	390	4008.58
24-Aug-16	13.3	3050	410	4010.53
07-Sep-16	24.9	3070	330	4007.74
21-Sep-16	32.2	2870	310	4007.36

Mine Unit 1 WELL ID: MU1-DM09 Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells Quarterly Report 3rd Quarter 2016				
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>				
14-Jul-16	60.2	2300	410	3921.25
28-Jul-16	67.2	2350	440	3858.13
10-Aug-16	70.3	2580	440	3822.10
24-Aug-16	66.2	2590	460	3848.94
07-Sep-16	60.2	2560	400	3881.35
21-Sep-16	59.2	2430	380	3833.79

Mine Unit 1 WELL ID: MU1-DM10 Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells Quarterly Report 3rd Quarter 2016				
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>				
14-Jul-16	115.5	2710	390	4011.84
28-Jul-16	121.8	2780	390	4009.87
10-Aug-16	99.9	2980	420	3952.77
24-Aug-16	122.0	2980	420	4002.04
07-Sep-16	92.4	2990	350	4005.81
21-Sep-16	113.2	2826	360	4004.26

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
14-Jul-16	5.6	2260	580	4012.10	
28-Jul-16	6.7	2240	420	4002.68	
10-Aug-16	4.8	2460	450	3995.63	
24-Aug-16	2.5	2440	480	4000.44	
07-Sep-16	5.3	2470	410	4002.58	
21-Sep-16	8.1	2270	450	3974.54	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
14-Jul-16	680.4	3080	400	3877.80	
28-Jul-16	646.8	3070	390	3837.00	
10-Aug-16	612.7	3260	390	3805.05	
24-Aug-16	583.2	3230	430	3823.48	
07-Sep-16	600.6	3240	330	3833.28	
21-Sep-16	608.3	3030	400	3810.19	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
14-Jul-16	106.1	2590	550	3967.63	
28-Jul-16	110.3	2580	510	3947.66	
10-Aug-16	134.3	2740	470	4001.32	
24-Aug-16	108.0	2730	490	3947.82	
07-Sep-16	106.1	2750	440	3941.57	
21-Sep-16	115.4	2560	470	3920.20	

SM Monitor Wells

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
11-Jul-16	6.6	1299	500	4076.28	
25-Jul-16	5.2	1385	560	4070.68	
08-Aug-16	4.6	1362	450	4070.51	
22-Aug-16	5.2	1337	490	4070.43	
06-Sep-16	4.3	1356	530	4076.45	
19-Sep-16	4.9	1330	520	4075.92	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
11-Jul-16	4.4	1800	580	4075.50	
25-Jul-16	6.6	1838	600	4070.18	
08-Aug-16	4.6	1788	530	4069.26	
22-Aug-16	5.2	1763	610	4071.00	
06-Sep-16	4.9	1778	560	4075.36	
19-Sep-16	4.3	1797	600	4074.71	

Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells				
Mine Unit 1				Quarterly Report 3rd Quarter 2016
WELL ID: MU1-SM03				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	μ mhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	2892	897	
<u>Date</u>				
11-Jul-16	5.2	1867	580	4077.70
25-Jul-16	5.9	1890	620	4072.68
08-Aug-16	3.9	1886	550	4072.28
22-Aug-16	4.6	1824	460	4072.14
06-Sep-16	4.3	1853	600	4077.60
19-Sep-16	4.9	1811	620	4078.16

Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells				
Mine Unit 1				Quarterly Report 3rd Quarter 2016
WELL ID: MU1-SM04				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	μ mhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	2892	897	
<u>Date</u>				
11-Jul-16	5.2	1826	561	4081.89
25-Jul-16	4.4	1842	620	4076.45
08-Aug-16	4.6	1821	570	4078.24
22-Aug-16	4.6	1795	640	4075.86
06-Sep-16	4.3	1801	410	4080.32
19-Sep-16	3.7	1782	620	4079.52

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
11-Jul-16	5.9	1648	500	4089.61	
25-Jul-16	3.7	1678	570	4088.56	
08-Aug-16	4.6	1665	520	4087.45	
22-Aug-16	4.6	1608	570	4087.64	
06-Sep-16	3.7	1682	550	4089.66	
19-Sep-16	4.9	1655	580	4089.76	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
11-Jul-16	5.2	1873	610	4080.55	
25-Jul-16	6.6	1929	650	4081.84	
08-Aug-16	5.2	1987	460	4075.39	
22-Aug-16	5.2	1909	600	4075.15	
06-Sep-16	4.9	1906	560	4079.80	
19-Sep-16	4.3	1924	660	4085.01	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
11-Jul-16	5.8	1995	670	4087.43	
25-Jul-16	4.4	2040	670	4078.38	
08-Aug-16	4.6	1990	500	4083.33	
22-Aug-16	5.2	1948	660	4083.35	
06-Sep-16	4.9	1942	620	4086.75	
19-Sep-16	4.9	1932	600	4083.51	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
11-Jul-16	5.2	1408	550	4089.97	
25-Jul-16	3.7	1603	580	4089.16	
08-Aug-16	3.9	1444	540	4091.91	
22-Aug-16	4.6	1397	540	4088.71	
06-Sep-16	4.3	1440	510	4090.01	
19-Sep-16	4.3	1530	580	4089.45	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
11-Jul-16	4.5	2100	660	4086.62	
25-Jul-16	5.2	2140	680	4084.34	
08-Aug-16	4.6	2081	640	4083.31	
22-Aug-16	5.2	2030	640	4081.96	
06-Sep-16	4.9	2050	630	4086.36	
19-Sep-16	4.3	2040	650	4087.11	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
11-Jul-16	6.6	1564	550	4079.50	
25-Jul-16	6.6	1613	540	4074.77	
08-Aug-16	0.0	1571	540	4074.13	
22-Aug-16	6.5	1542	510	4074.13	
06-Sep-16	4.9	1533	500	4079.12	
19-Sep-16	6.2	1548	550	4078.53	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
11-Jul-16	6.6	1457	550	4075.32	
25-Jul-16	6.6	1539	560	4068.58	
08-Aug-16	6.5	1515	540	4069.36	
22-Aug-16	5.9	1464	480	4068.98	
06-Sep-16	5.6	1488	450	4086.04	
19-Sep-16	6.2	1477	570	4076.21	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
11-Jul-16	5.2	1788	611	4092.49	
25-Jul-16	5.9	1844	600	4091.68	
08-Aug-16	4.6	1817	600	4091.12	
22-Aug-16	4.6	1763	550	4092.01	
06-Sep-16	4.9	1758	570	4091.95	
19-Sep-16	4.3	1790	590	4091.02	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
11-Jul-16	5.2	1327	500	4076.48	
25-Jul-16	4.4	1408	520	4071.02	
08-Aug-16	3.9	1402	540	4070.78	
22-Aug-16	3.9	1363	530	4070.83	
06-Sep-16	3.7	1327	560	4076.78	
19-Sep-16	4.3	1311	490	4075.83	

PM Monitor Wells

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
12-Jul-16	8.1	2230	571	4026.28	
26-Jul-16	7.4	2270	550	3999.65	
09-Aug-16	6.5	2170	570	4008.47	
23-Aug-16	6.5	2190	560	4012.01	
06-Sep-16	6.8	2210	570	4042.63	
20-Sep-16	6.2	2160	580	4042.26	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
12-Jul-16	8.1	2160	540	4026.90	
26-Jul-16	8.1	2350	470	4001.17	
09-Aug-16	6.5	2220	540	4009.08	
23-Aug-16	6.5	2330	520	4013.91	
06-Sep-16	6.2	2290	490	4037.37	
20-Sep-16	6.8	2220	530	4042.07	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
12-Jul-16	8.1	1911	590	4041.55	
26-Jul-16	5.9	2070	570	4043.64	
09-Aug-16	7.2	2010	600	4043.36	
23-Aug-16	5.9	2070	630	4047.19	
06-Sep-16	5.6	2050	630	4046.99	
20-Sep-16	6.8	2010	610	4045.23	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
13-Jul-16	5.9	2170	571	4038.23	
26-Jul-16	9.6	2550	490	4047.50	
09-Aug-16	7.8	2400	560	4045.97	
23-Aug-16	8.5	2040	530	4046.19	
06-Sep-16	6.2	2330	490	4045.29	
20-Sep-16	7.4	2250	580	4042.96	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
13-Jul-16	5.9	1718	600	4043.51	
27-Jul-16	6.6	1841	521	4055.42	
09-Aug-16	5.2	1836	590	4051.56	
23-Aug-16	5.9	1866	620	4050.24	
06-Sep-16	4.3	1871	540	4047.01	
20-Sep-16	5.6	1810	610	4045.47	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
13-Jul-16	5.9	1861	610	4047.18	
27-Jul-16	5.6	2040	590	4056.25	
09-Aug-16	6.5	1990	540	4054.86	
23-Aug-16	5.9	2040	600	4053.43	
07-Sep-16	5.6	2140	520	4051.93	
20-Sep-16	6.8	2030	600	4047.26	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
13-Jul-16	5.2	1853	610	4050.28	
27-Jul-16	5.6	1980	650	4057.75	
10-Aug-16	4.6	2050	570	4057.55	
23-Aug-16	5.2	2030	610	4055.89	
07-Sep-16	4.3	2030	570	4054.99	
22-Sep-16	4.9	1913	630	4053.67	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
14-Jul-16	6.3	2130	590	4047.16	
27-Jul-16	6.3	2290	570	4057.78	
10-Aug-16	5.2	2300	560	4057.82	
23-Aug-16	5.9	2280	580	4055.99	
07-Sep-16	5.6	2300	530	4055.62	
22-Sep-16	6.8	2140	570	4054.86	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
14-Jul-16	5.6	2002	590	4044.34	
27-Jul-16	6.3	2180	570	4054.93	
11-Aug-16	6.5	2120	500	4054.83	
24-Aug-16	5.9	2200	590	4053.09	
07-Sep-16	4.3	2170	580	4054.75	
22-Sep-16	6.2	2060	570	4063.88	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
14-Jul-16	4.9	2030	620	4043.33	
27-Jul-16	5.6	2160	610	4057.52	
11-Aug-16	5.9	2160	580	4052.31	
24-Aug-16	4.6	2130	600	4051.32	
07-Sep-16	4.9	2090	590	4053.62	
22-Sep-16	5.6	2050	660	4050.49	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
14-Jul-16	4.9	1980	660	4040.21	
27-Jul-16	6.3	2105	600	4050.20	
11-Aug-16	4.6	2070	580	4048.80	
24-Aug-16	5.2	2120	580	4049.32	
07-Sep-16	5.6	2090	590	4046.24	
22-Sep-16	4.9	2020	690	4034.68	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
12-Jul-16	6.6	1939	480	4066.78	
26-Jul-16	6.6	1972	580	4090.38	
08-Aug-16	5.2	1968	620	4089.47	
22-Aug-16	5.2	1932	550	4088.86	
06-Sep-16	4.3	1936	620	4089.01	
19-Sep-16	4.3	1980	640	4087.11	

Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells				
Mine Unit 1				Quarterly Report 3rd 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>				
12-Jul-16	5.9	1977	450	4096.33
26-Jul-16	5.2	1966	550	4072.16
08-Aug-16	5.2	1965	590	4070.70
22-Aug-16	5.2	1902	550	4071.17
06-Sep-16	4.9	1932	620	4068.81
19-Sep-16	4.3	1938	610	4069.74

Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells				
Mine Unit 1				Quarterly Report 3rd 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>				
13-Jul-16	4.4	1719	620	4074.21
27-Jul-16	4.4	1798	621	4073.83
09-Aug-16	4.6	1832	570	4072.93
23-Aug-16	3.3	1810	560	4072.25
06-Sep-16	3.7	1825	600	4071.45
20-Sep-16	4.3	1764	670	4072.23

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
13-Jul-16	6.6	2100	550	4072.33	
27-Jul-16	6.6	2300	569	4073.49	
09-Aug-16	6.5	2260	490	4072.31	
23-Aug-16	5.2	2300	540	4072.16	
06-Sep-16	5.6	2280	550	4070.53	
20-Sep-16	4.9	2160	590	4071.50	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
12-Jul-16	7.4	2190	461	4070.48	
26-Jul-16	7.4	2230	452	4070.18	
09-Aug-16	7.2	2160	471	4068.85	
22-Aug-16	4.6	2110	500	4067.82	
06-Sep-16	7.4	2190	540	4066.51	
19-Sep-16	6.2	2170	540	4067.45	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
12-Jul-16	7.4	2100	580	4069.60	
26-Jul-16	5.9	2140	500	4069.40	
09-Aug-16	6.5	2060	560	4073.96	
22-Aug-16	5.9	2050	580	4066.72	
06-Sep-16	4.9	2050	630	4065.55	
19-Sep-16	5.6	2090	610	4071.55	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
12-Jul-16	6.6	2170	630	4074.76	
26-Jul-16	5.9	2220	610	4074.25	
09-Aug-16	5.2	2160	650	4072.76	
22-Aug-16	5.9	2150	580	4071.95	
06-Sep-16	5.6	2120	670	4077.11	
20-Sep-16	6.2	2110	640	4071.91	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
12-Jul-16	7.4	2080	560	4019.29	
26-Jul-16	5.2	2070	550	3990.13	
09-Aug-16	5.9	2030	640	4005.11	
23-Aug-16	5.2	2060	550	4002.81	
06-Sep-16	4.9	2030	640	4037.64	
20-Sep-16	4.9	2020	660	4037.13	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
12-Jul-16	8.1	2220	530	4029.97	
26-Jul-16	5.9	2210	551	4004.13	
09-Aug-16	7.2	2160	610	4016.13	
23-Aug-16	6.5	2190	640	4015.41	
06-Sep-16	5.6	2170	640	4044.02	
20-Sep-16	7.4	2180	650	4045.46	

2. 48 100

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 3rd 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>					
12-Jul-16	5.9	2240	550	4029.93	
26-Jul-16	8.1	2280	580	4004.08	
09-Aug-16	7.2	2230	600	4016.08	
23-Aug-16	5.2	2210	620	4015.14	
06-Sep-16	6.2	2200	570	4043.96	
20-Sep-16	6.2	2100	640	4045.47	