



March 25, 2016

U.S. Nuclear Regulatory Commission  
Nuclear Material Safety and Safeguards  
Division of Decommissioning, Uranium Recovery, and Waste Programs  
Uranium Recovery Licensing Branch  
Attention: Mr. John Saxton, Project Manager  
Two White Flint North, Mail Stop T8 F5  
11545 Rockville Pike  
Rockville, MD 20852

Mr. Mark Rogaczewski, District 3 Supervisor  
Wyoming Department of Environmental Quality-Land Quality Division  
2100 West 5<sup>th</sup> Street  
Sheridan, WY 82801

**RE: Strata Energy Inc., Ross ISR Project, Revisions to the Mine Unit 1 Wellfield Data Package**

John and Mark:

By this letter, Strata Energy, Inc. (Strata) submits the enclosed revision to the Mine Unit 1 Wellfield Data Package. The revision includes an Index of Change describing the page to remove and insert, and a replacement page (additional pages in duplicate provided to WDEQ).

The enclosed revision provides the upper control limits (UCLs) for the shallow alluvium (SA). The revision fulfills the placeholder in the Mine Unit 1 Wellfield Data Package, which indicated that UCLs for the SA would be provided to NRC and WDEQ/LQD in the 1<sup>st</sup> Quarter 2016. If you have any questions, please do not hesitate to contact me at your convenience. Thank you for your time and consideration in this matter.

Respectfully submitted,

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

BJS/MG  
Enclosures, as noted

**INDEX SHEET FOR MINE PERMIT AMENDMENTS OR REVISIONS**

MINE COMPANY NAME: Strata Energy, Inc.

MINE NAME: Ross ISR Project  
PERMIT NO. 802

Statement: I, Mike Griffin, an authorized representative of Strata Energy declared that only the items listed on this and all consecutively numbered Index Sheets are intended as revisions to the current permit document. In the event that other changes inadvertently occurred due to this revision, those unintentional alterations will not be considered approved. Please initial and date.

NOTES: 1) Include all revision or change elements and a brief description of, or reason for, each revision element

VOLUME NUMBER	PAGE, MAP OR OTHER PERMIT ENTRY TO BE REMOVED	PAGE, MAP OR OTHER PERMIT ENTRY TO BE ADDED	DESCRIPTION OF CHANGE
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MU1	62	62	Revised to include UCLs for Shallow Alluvium (SA).
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Wellfield Data  
Package  
Report

Table 6-5. Mine Unit 1 Proposed UCLs

<b>Parameter</b>	<b>Units</b>	<b>Proposed UCL</b>
<b>Perimeter Monitor (PM)</b>		
Alkalinity, Total as CaCO <sub>3</sub>	mg/L	885
Conductivity, Laboratory	µmhos/cm	3,269
Chloride	mg/L	21
<b>Shallow Monitor (SM)</b>		
Alkalinity, Total as CaCO <sub>3</sub>	mg/L	896
Conductivity, Laboratory	µmhos/cm	2,873
Chloride	mg/L	19
<b>Deep Monitor (DM)</b>		
Alkalinity, Total as CaCO <sub>3</sub>	mg/L	931
Conductivity, Laboratory	µmhos/cm	5,168
Sulfate	mg/L	1,692
<b>Shallow Alluvium (SA)<sup>1</sup></b>		
Alkalinity, Total as CaCO <sub>3</sub>	mg/L	1,099
Conductivity, Laboratory	µmhos/cm	1,870
Chloride	mg/L	29

<sup>1</sup> UCLs in the shallow alluvium (SA) were calculated for the most downgradient well (MU1-SA3)