



**POWER RESOURCES, INC.
dba/Cameco Resources**

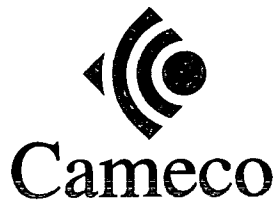
SMITH RANCH PROJECT

WDEQ PERMIT #633

ANNUAL REPORT

June 1, 2010 through April 30, 2011

**Submitted
June 30, 2011**



CAMECO RESOURCES

*Smith Ranch-Highland
Operation*

Mail:

*P.O. Box 1210
Glenrock, WY
82637 USA*

Tel: (307) 358-6541

Fax: (307) 358-4533

www.cameco.com

June 30, 2011

Mr. Lowell Spackman, District Supervisor
Land Quality Division
Wyoming Department of Environmental Quality
Herschler Building
122 W. 25th Street
Cheyenne, WY 82002

HAND DELIVERED

**RE: Permit to Mine 633, Cameco Resources, Smith Ranch-Highland Uranium Project, 2010-2011
Annual Report**

Dear Mr. Spackman:

Enclosed please find two (2) copies of Power Resources, Inc. d/b/a/ Cameco Resources (CR) 2010-2011 Annual Report for permit 633, Smith Ranch-Highland Uranium Project. The report addresses applicable reporting requirements of the approved permit application, WDEQ Annual Report Form, and W.S. 35-11-411.

In the WDEQ-LQD 2009-2010 Annual Report Review received April, 2011, some comments requested information be added to this 2010-2011 Annual Report. Cameco has incorporated the information relating to those comments into the report. Attached is a list of the review comments requesting information for the 2010-2011 Annual Report for Permit 603 Cameco to assist WDEQ-LQD in determining response through this review of the Annual Report.

If you have questions, please call Dawn Kolkman at (307) 358-6541 ext. 435.

Sincerely,

A handwritten signature in black ink, appearing to read "Tom Cannon".

Tom Cannon
General Manager Operations

LTC/dk

Attachment: Annual Report binders (2 copies)

cc: D. Mandeville, USNRC (2 copies) T. Foertsch, Casper Field Office, BLM (1 copy)
File HUP 4.3.3.2

Permit 633, Highland Uranium Project, Cameco Resources
2009-2010 Annual Report Review Comments

Introduction

WDEQ-LQD provided review and comment to the 2009-2010 Annual Report. Several comments request that the information be provided in the next Annual Report period. Cameco has incorporated the information into the Annual Report to provide response to those items. The following are responses address only those comments requesting information in the 2010-2011 (Comments 1, 2, 3, 4, 6, 10, 11, 12, 13, 15, 16, 17, 21 and 25)

Comments

1. The legend on the maps contains numerous errors. Please make corrections in the next Annual Report:
 - a. The plates show a large number of linear features that are shown on the legend as paved roads. These features appear to be stream channels. Please correct the legend to show the proper symbol.
 - b. Plate 1. This plate contains large solid green areas that are not shown in the legend. Please properly identify these features.
 - c. The connecting road on the plates is shown as two gravel roads and a paved road. Please properly identify the connecting road.
 - d. Plate 1-1. This plate and others show a heavy purple line, which is shown in the legend as Proposed Production. This feature does not appear to be proposed production. Please properly identify this linePlease provide the map changes in the 2011 Annual Report. (SI)

Cameco Response: The changes listed above have been changed in the maps for the 2011 Annual Report.

2. Several old pump test wells for the underground workings are shown on Plate 1-2(SR). Please describe the status of these wells in the next Annual Report. (SI)

Cameco Response: The old test wells labeled OWD and OWS were plugged and abandoned in 2006.

3. Plate 1-2(SR) shows a feature named C&D Landfill. This feature is not listed in Table 3-1 or discussed in the text. Please describe this feature in the next Annual Report. (SI)

Cameco Response: The feature titled C&D Landfill is a non-contaminated solid waste storage facility. The landfill permit was in place during the time of the Bill Smith conventional mining permit. The area used underlies the current "Bone yard" area near the Smith Ranch CPP. The area was reclaimed and the permit was allowed to expire (circa. 1983?). No landfill activities have taken place at the site since that time.

4. Plates. Please add the header houses with associated number for the wellfields to the maps in the 2011 Annual Report. This information may be provided in the 2010-2011 Annual Report.(PCR)

Cameco Response: The header houses have been added to the wellfields in the site maps provided for the 2011 Annual Report.

6. Page 7 or Page 10. Deep Disposal Wells. To better understand the waste water disposal capacity for the deep disposal wells, please provide a discussion of the completion and development of the new wells and also describe the geologic formation in which it is completed, well depth, average pumping rate/month, etc. Please provide the information in the 2010-2011 Annual Report. (PCR)

Cameco Response: The permits, well specifics, and reporting requirements for the deep disposal wells are through the WDEQ-WQD and information regarding the wells can be found in those permits. Cameco included a discussion of the deep disposal wells, SRHUP #6, and SHRUP #10 in Section 3(h) of the Annual Report.

10. Mining Activities. In an effort to better understand the mining status in the wellfields, LQD requests that a detailed summary of mining activities be reported for each wellfield including average injection and production flow rates/month for each header house in producing wellfields during the report period. These summaries should be tabulated and begin in the 2010-2011 Annual Reports. (PCR)

Cameco Response: Pursuant to Chapter 11 Section 15(c)(iii), the total quantity of mining fluid injected and extracted for each wellfield area is reported. In accordance with Chapter 11 Section 1, a wellfield area may be all or a portion of the entire area proposed for the injection and production of recovery fluid. Therefore, as injection and production fluids are circulated from and to the satellites, the flows within these facilities are tracked and have been tabulated in Table 3-5 of the Annual Report.

11. Plates. LQD requires acreage affected to date on a map (see LQD Required Annual Report Information). Please provide all affected acres on a map with the year of disturbance. Please provide the information in the 2010-2011 Annual Report.

Cameco Response: Cameco has included maps for affected acreage as described in Section 3 of the Annual Report.

12. Page 8, Other New Construction. The report states new fiber optic and waste disposal pipeline was installed between SR-1 and SR-2. Please show the locations on the Annual Report maps. This information is required for the 2010-2011 Annual Report. (PCR)

Cameco Response: The fiber optic line and waste disposal pipeline installed between SR-2 and SR-2 is illustrated on the site maps for the 2010-2011 Annual Report.

13. Page 10 Deep Disposal Wells. To help understand the mining and restoration activities for the report period, please provide more details on the DDW's. Please provide a tabulation of waste water flows from the Satellites to the DDW's/month. In addition, LQD requests an itemization of the disposal volumes, i.e. volumes of waste water resulting from production and volumes of waste water resulting from restoration activities. This information is required for the 2010-2011 Annual Report. (PCR)

Cameco Response: The DDWs are permitted through the WDEQ-WQD UIC program, which requires quarterly reporting of information including, pressures of tubing, total volume injected and water quality. The WDEQ-WQD does not require Cameco to distinguish between production waste water and restoration waste water, therefore Cameco does not distinguish between the two. The quarterly reports are submitted to WDEQ-WQD through their GEM online system.

14. Page 12, Reclamation Activities, (d) Describe reclamation procedures used during the report period. CR distinguishes between acres permanently reclaims and acres that have received interim revegetation. Although the revegetation completed to date is with a temporary seed mix and no final surface reclamation has occurred, CR is replacing topsoil to accommodate the interim seeding. The depth of topsoil replacement is required for the report period. In addition, according to Noncoal Rule and Regulations Chapter 3 Section 2(d)(iv), "...Seeding of affected lands shall be conducted during the first normal period for favorable planting conditions after final preparation unless an alternative plan is approved..." In order for LQD to verify that topsoil has been protected from wind and water erosion the interim seeding dates are required for the report period. CR will need to report the dates of interim seeding and show the seeded acres on a map. Please provide the information requested in Section 4(d) of the Annual Report in the 2010-2011 report. (PCR)

Cameco Response: Cameco has included a detailed table, Table 4-1 which contains the information related to interim reclamation performed during the report period. Interim reclamation is as a method of stabilization in the wellfield during mining activities. The interim reclamation performed is not permanent final reclamation as defined in permit 633. Additionally, Cameco is able to extend seeding of affected areas with the seed mixture approved in 2009 which allows the use of cool and warm weather seed, and seeding still occurs during the optimal planting conditions.

15. Page 13, Reclamation Activities, (f) Reclamation costs. The requirement asks that actual itemized reclamation costs incurred during the report period be reported. Some of those itemized tasks such as grading and topsoil replacement are part of the permanent reclamation operations and the seeding is a required operation to ensure topsoil stabilization. Please provide the requested information. Please provide the information in the 2010-2011 report. (PCR)

Cameco Response: Cameco has only reported interim reclamation for wellfield stabilization during the report period. No permanent reclamation was conducted during the report period to provide costs.

16. Page 13, 4(g) Groundwater Restoration Activities. Please provide more detail in the discussion of the restoration activities in the mine units. LQD requests more detail regarding restoration flow rates at each header house in groundwater sweep or reverse osmosis in each wellfield during the report period. It is requests that CR provide average restoration flow rates/month for each header house in active restoration during the report period. These summaries should begin in the 2010-2011 Annual Report. Please include a tabulation of the restoration flow rates/month for each header house at all wellfields in restoration during the report period. This information is required for the 2010-2011 Annual Report. (PCR)

Cameco Response: The information being requested is not available for the 2010-2011 Annual Report. Cameco requests to meet with WDEQ-LQD to discuss restoration reporting to clarify the request.

17. Page 17, Restoration Research. Please show the core hole locations on the Annual Report maps in the 2010-2011 report. (PCR)

Cameco Response: Cameco did not drill the core holes nor complete the restoration research that was discussed in the 2009-2010 Annual Report. Cameco will look at completing the research project in the next report period, 2011-2012, as discussed in the 2010-2011 Annual Report.

21. Appendix A. CR has provided a revised Restoration Schedule. A revised schedule will not be accepted in the Annual Report as CR has not addressed the comments under TFN 5 1/119 and TFN 5 3/121. The Annual Report should address the status of each wellfield in restoration as compared to the approved schedule. Please provide a discussion in the report of the status of each wellfield in restoration and explain any deviations from the approved schedule. This information is required for the 2010-2011 Annual Report.

Cameco Response: The 2010-2011 Annual Report contains a copy of the current approved restoration schedule in Appendix A. Status of wellfields in restoration is also discussed in the 2010-2011 Annual Report. Additionally, Cameco responded to comments for both TFN 5 1/119 and TFN 5 3/121 on May 5, 2011 and pending approval from WDEQ-LQD.

**Cameco Resources
Smith Ranch Project
2010-2011 Annual Report
Permit 633**

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Annual Report Attachment

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Appendices

- A Current Approved Mining and Restoration Schedule
- B 2011-12 Reclamation Surety Estimate Revision
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Plates

- 1 Site Map
- 1-1 Reference Map (SR)
- 1-2 Reference Map (SR)
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REQUIRED ANNUAL REPORT INFORMATION FOR NON-COAL LARGE MINING OPERATIONS

Land Quality Division, Districts I, II & III

RE: Wyoming Environmental Quality as Amended §35-11-411, Annual Report

1. Introduction

(a) Name of Permittee.

Power Resources, Inc. d/b/a Cameco Resources

(b) Address and Phone Number.

P.O. Box 1210
Glenrock, Wyoming 82637
(307) 358-6541

(c) Mining Permit Number.

Wyoming Permit to Mine #633

(d) Date of Permit Issuance (and any Amendment).

The Permit was issued on June 18, 1991. The permit has been revised as follows:

Change No. 1 (Reduce Production Rate): September 3, 1991

Change No. 2 (Figures 3-2, 4-2, 403): November 21, 1991

Change No. 3 (Wetlands Submittal): November 21, 1991

Change No. 4 (Amended Figures and radiological sampling changes in Pilot Plant):
January 10, 1992

Change No. 5 (Discontinue monitoring wells associated with Reclaimed Bill Smith Mine Area): September 20, 1995

Change No. 6 (Revision of permit language concerning baseline vegetation monitoring):
December 31, 1996

Change No. 7 (Approval of revised bond): June 18, 1997

Change No. 8 (Approved comments-vegetation baseline studies): November 21, 1997

Change No. 9 (Updated site map): January 26, 1998

Change No. 10 (Revision of Mine and Reclamation Plan and Wellfield 1 Package):
June 8, 1998

Change No. 11 (Wellfield 3 pre-operational data package): August 10, 1998

- Change No. 12 (Monitoring of Well MS-308): August 21, 1998
- Change No. 13 (Wellfield 4 Pre-operational Data): January 7, 2000
- Change No. 14 (Class I Injection Wells): July 13, 2000
- Change No. 15 (Wellfield 1 restoration target values and Wellfield Three groundwater classification): July 26, 2000
- Change No. 16 (Monitor well recompletion): December 10, 2001
- Change No. 17 (Transfer permit from Rio Algom Mining to Power Resources): July 22, 2002
- Change No. 18 (Water Quality Sampling Procedure and Deletion of Radium 228 from the sampling list): October 7, 2002
- Change No. 19 (Upper Control Limits and Baseline Water Quality for Wellfield 2): January 9, 2003
- Change No. 20 (Wellfield Baseline Monitoring procedures): January 27, 2004
- Change No. 21 (Mine Unit 15 Permit Amendment): October 15, 2004
- Change No. 22 (Mine Unit 15 addition): March 10, 2005
- Change No. 23 (Use of bioremediation and nutrient change): August 23, 2006
- Change No. 24 (Revision of MIT procedure): August 24, 2006
- Change No. 25 (Mine Unit 15A Baseline and Upper Control Limits): October 3, 2007
- Change No. 26 (Mine Unit K expansion): August 8, 2008
- Change No. 27 (Revise boundary Mine Unit 9): October 27, 2008
- Change No. 28 (Transfer from Power Resources to Cameco Resources): November 26, 2008
- Change No. 29 (Restoration Plan NOV 4231-08-TFN 5 4/049): December 31, 2008
- Change No. 30 (Mine Unit K extension): May 4, 2009
- Change No. 31 (Excursion reporting procedures): June 15, 2009
- Change No. 32 (Revised Seed Mix): November 19, 2009
- Change No. 33 (Selenium Treatment): April 13, 2010
- Change No. 34 (Southwest Regional Mine Development Plan and Hydrologic Pump Test): May 7, 2010
- Change No. 35 (Approval of Monitor Well Sampling/Reporting Procedures): July 8, 2010
- Change No. 36 (Approval of Surety Estimate for Permit 633): August 30, 2010

(e) Mineral(s) Mined.

Uranium (U₃O₈)

(f) State and Federal Mineral Lease Numbers.

State Lease Numbers

#0-02756 #0-28423

Federal Claims

No Federal claims are located within the approved permit application at this time.

2. Reporting Period

June 1, 2010 through April 30, 2011

3. Mining Activities

There are a total of nine site maps provided for the review of this 2010-2011 Annual Report. Plate 1 is the site map (overview) and an additional nine expanded maps, Plates 1-1 through 1-8 (SR), have been attached to provide adequate illustration of the permit area. At a minimum, these maps illustrate delineation drill hole locations, areas of planned disturbance, new facilities, wellfield releases, excursion locations, roads and pipelines, and areas where surface disturbance occurred during the report period.

Cameco has also provided two additional types of maps for the Annual Report. A set of maps showing affected acreage were created to illustrate interim reclamation of disturbed wellfields, etc. by year. Plate 2 is the site map with affected acreage and an additional two expanded maps, Plates 2-1 and 2-2 have been included. In addition, seven maps, Plates 3-1 through 3-7, showing abandoned drill hole locations has been provided. The abandoned drill hole map show enlarged areas where drill holes have been abandoned.

(a) Tabulate acreage disturbed (by pits, roads, facilities, etc.) during the report period and illustrate on map.

Refer to Table 3-1, Acreage Affected Summary for a tabulated list of areas disturbed during the report period. Plate 2 and expanded Plates 2-1 and 2-2 illustrate affected acreage by year within the permit area.

(b) Tabulate acreage affected to date by years and illustrate on map.

Refer to Table 3-1, Acreage Affected Summary, for a tabulated list of areas that have been disturbed. Plate 2 and expanded Plates 2-1 and 2-2 illustrate affected acreage by year within the permit area.

(c) Tabulate all topsoil stockpile volumes, date of stockpiling and illustrate on map.

Table 3-2 Topsoil Stockpile Summary represents a listing of long-term topsoil piles within the permit area. The six long-term topsoil piles (Nos. 69 through 74) added during the report period are illustrated on Plates 1 and 1-1 through 1-8(SR).

(d) Tabulate all out-of-pit spoil volumes, dates of placement and illustrate on map.

This item pertains to conventional open-pit mining operations. There are no out-of-pit spoil volumes to be reported at Smith Ranch, due to the nature of ISR mining.

(e) Tabulate quantity of commodity mined by years.

Refer to Table 3-3, Uranium Production by Years, for quantity of commodity mined by year. In the 2009-2010 Annual Report adjustments were made to standardize reporting as, uranium production reported for years 2006, 2007, and 2008 did not accurately reflect the same information as reported in the Annual Report for Permit 633.

As processing for both facilities occur in the Smith Ranch Central Processing Plant (CPP), the commodity has been quantified as a total combination of eluted pounds of uranium during the Annual Report Period.

(f) Describe any new construction during the report period and illustrate on map; include:

1. Shop facilities, erection sites

The CPP Lab was expanded along with a new sodium hydroxide system. No new disturbance was created since it took place on already disturbed ground. A new staging area was installed in Mine Unit #4 to facilitate restoration activities and future wellfield development in Mine Unit 8. The staging area in Mine Unit K-North was also expanded.

2. Roads

Construction activity occurred on the following roads during the report period:

- The road for Mine Unit K-North was constructed and graveled from K-10 to K-13.
- The roads in Mine Unit 15A connecting all the header houses were constructed and graveled.
- A crossing in the Mine Unit 1 was rebuilt and widened with culverts and soil
- A road in Mine Unit 4 was rebuilt and graveled from headerhouse 4-2 to 4-4.
- A road to deep disposal well SRHUP #10 was constructed through Mine Unit 4.

3. Culverts

A total of eleven new culverts were installed within the Permit 633 project area during the report period including:

- 4 installed in Mine Unit 4
- 2 along K-North Road
- 5 installed along Mine Unit 15A road

The culvert locations are illustrated on Plates 1 and 1-1 through 1-8 (SR).

4. Diversion ditches, collector ditches, interceptor ditches, etc.

No new ditches were installed during the report period.

5. Sediment ponds, containment ponds

No new ponds were constructed in the permit area.

6. Monitoring sites

A meteorological station was installed near the potable water tank located behind the Central Processing Plant in the 633 permit area. The new meteorological station was operational in November 2010. Refer to Section 7c for data obtained from this installation.

7. Other New Construction

There was no other construction during the reported period.

(g) Describe any environmental problem areas, the proposed plan for mitigating them and illustrate areas on map; including:

1. Pit stability problems

This item pertains to slope stability issues that occur in conventional open-pit mining operations. Due to the nature of ISR mining there is no open-pit and therefore no slope stability issues.

2. Subsidence

This item pertains to subsidence issues that occur in conventional underground mining operations. Due to the nature of ISR mining there is no underground mining and as a result, no subsidence.

3. Accidental water discharge, dam failure, etc.

During the report period there were three reportable releases as shown in Table 3-4, Wellfield Release Summary. The releases are shown in Plates 1, 1-3 (SR) and 1-8 (SR). The releases were reported to WDEQ/LQD, WQD and NRC pursuant to applicable regulations. Cameco has provided WDEQ-LQD information regarding the laboratory results of the releases occurring in 2010 in separate correspondence.

4. Slumping or sliding

This item pertains to slumping or sliding that could occur in conventional open-pit or underground mining operations. Due to the nature of ISR mining there is no slumping or sliding to be reported.

5. Revegetation problem areas

There were some revegetation problems in the Headerhouse 9-9 area. These issues are being resolved with improved contouring and drill or hydro-seeding on steep slopes. In addition, the K-9 area in Mine Unit 9 was re-seeded during the 2010-2011 report period.

(h) Other Mining Activities

Injection/Production Flows

Pursuant to Chapter 11, Section 15(c)(iii), the total quantity of mining fluid injected and extracted for each well-field area is reported. In accordance with Chapter 11, Section 1, a well-field area may be all or a portion of the entire area proposed for the injection and production of recovery fluid. Therefore, as injection and production fluids are circulated from and to the satellites the flows within these facilities are tracked. Flows reporting to the Central Processing Plant (CPP) and Satellites SR-1 and SR-2 are shown on Table 3-5,

Facility Water Balance Report. Wastewater routed to deep disposal wells during the report period totaled 56,086,584 gallons.

Wellfields

Mine Unit 2

Due to economics and surety considerations, Cameco suspended plans to develop the 42 wells in headerhouse 2-5 previously proposed for recompletion. The mine unit will remain operational during the next report period. This flow reports to the CPP.

Mine Unit 3

Cameco will finish recompleting wells in header house 3-2, 3-3, 3-5, and 3-6 to access the upper horizon of ore. The ring monitor wells were completed for the extension of headerhouse 3-9 and the preparation for a pump test is under way. This flow reports to the CPP.

Mine Unit 9

This mine unit was brought online in November 2008. Currently 12 header houses are operating in this mine unit, including headerhouses 9-2 to 9-13 with flow reporting to Satellite SR-2.

Mine Unit 15/15A

Operation of Mine Unit 15/15A commenced in March 2005. Construction, development and operation of headerhouses 15-19 through 15-23 was completed during the report period. The flow reports to Satellite SR-1 and the CPP.

Mine Unit K

Operation of Mine Unit K commenced in February 2007 and headerhouse K-9 was the last house to be brought online in November 2009. The flow reports to Satellite 3.

Mine Unit K-North

The pump test plan was approved and the pump test was conducted and submitted under TFN 5 5/169. Well installation and wellfield development occurred in headerhouses K10, 11, 12, 13 and 14 during this report period in preparation for operation.

Mine Unit 7 (Proposed)

Delineation drilling was completed in the proposed wellfield during the report period. Plugged and abandoned delineation holes are reported in Section 10 of this Annual Report.

Mine Unit 8 (Proposed)

Delineation drilling of the ore body commenced in the proposed wellfield. Locations of drill holes have been provided in TFN 5 1/175 proposal responses

Mine Unit 10

Delineation drilling was completed in the proposed wellfield during the report period. Plugged and abandoned delineation holes are reported in Section 10 of this Annual Report. A total of 113 monitor wells were installed in Mine Unit 10 including the ring monitor wells, underlying, overlying and production zone monitor wells. A pump test plan was submitted to LQD for approval which is pending response from Cameco under TFN 5 5/222. Cameco will provide response to LQD comments during the next report period. Well installation commenced in headerhouses 10-7 and 10-9 during the later part of the report period.

Deep Disposal Wells

Two deep disposal wells, SRHUP# 6 and SRHUP #10, were installed in the permit area as reported in the 2009-2010 Annual Report. The location of the deep disposal wells are illustrated on Plate 1. The wells are regulated through the UIC program with WDEQ-WQD under Permit 09-054. Monitoring and reporting of the deep disposal wells is completed through quarterly and annual reports to the WDEQ-WQD.

Deep disposal well SRHUP #6 was installed adjacent to Satellite SR-2 in the southwest area of the permit. Authorization to inject was received from the WDEQ-WQD in correspondence dated November 10, 2011 which includes information regarding the construction and testing requirements for the well. SRHUP #6 is permitted to discharge into the Treckla, Teapot and Perkman aquifers through perforation in the depth interval of 8,120-9,560 feet. The Lewis Shale forms the upper confining layer above the Teapot Sandstone and the Cody Shale forms the lower confining layer below the Parkman Sandstone. For operation of SRHUP #6, the maximum instantaneous injection rate is permitted, by the WDEQ-WQD, at 3,600 bbl/day and a limiting surface injection pressure of 1,279 psig.

Deep disposal well SRHUP #10 was installed southwest of Mine Unit 4. Authorization to inject was received from the WDEQ-WQD in correspondence dated January 4, 2011 which includes the information regarding the construction and testing requirements for the well. SRHUP # 10 is permitted to discharge into the Teckla, Teapot, and Parkman aquifers through perforation in the depth interval of 8,080-9,510 feet. The Lewis Shale forms the upper confining layer above the Teapot Sandstone and the Cody Shale forms

the lower confining layer below the Parkman Sandstone. For operation of SRHUP #6, the maximum instantaneous injection rate is permitted, by the WDEQ-WQD, at 3,600 bbl/day and a limiting surface injection pressure of 968 psig.

4. Reclamation Activities

(a) Tabulate the acreage completed during the report period and illustrate on map.

Distinguish between:

- 1. Backfilled, graded, and contoured. Including date of approval for coal permits.**
- 2. Topsoiled.**
- 3. Seeded.**
- 4. Reseeded.**
- 5. Indicate where special construction or reclamation practices were used such as for sand bodies or alluvial material.**

Surface reclamation activities consisting of interim stabilization are represented in Table 4-1. Interim stabilization means the re-grading, contouring, and re-vegetation, as may be applicable, on disturbed areas that are associated with on-going or active mine unit construction and/or wellfield development. These interim activities are to be distinguished from "final" reclamation activities that will commence following completion and approval of groundwater restoration in the mine units.

(b) Submit a map showing the reconstructed contours. The map must be the same scale and contour interval as the PMT map in the approved permit.

This pertains to conventional open-pit mining operations and is not applicable during the report period:

(c) Tabulate acreage reclaimed (seeded with permanent seed mix) to date by years and illustrate on map

As previously noted in item 4(a) no final surface reclamation occurred during the report period. Table 4-1 Areas Previously Reclaimed and 4-2 Reclamation Results are areas that have been reclaimed as reported in prior Annual Reports.

(d) Describe reclamation procedures used during the report period:

- 1. Depth of topsoil applied. Indicate whether from stockpile or directly applied.**
- 2. Type of seed used for seeding during the report period.**

3. Dates of seeding during the report period.
4. Seeding procedures used.
5. Rate of seed application.
6. Type and rate of any fertilizer applied.
7. Type and rate of mulch applied.
8. Rate of irrigation water applied.
9. Any deviation to the approved reclamation plan including, in addition to the items above, changes to the contour or location of post mining features.

As previously noted in item 4(a) no final surface reclamation occurred during the report period.

(c) Describe results of previous revegetation efforts; include:

1. Types of seed that have germinated and are growing.

2. Types of seed that are not growing successfully.

All types of permitted seeds utilized are growing successfully.

3. Areas experiencing problems with weeds and weed types.

Noxious weed control was completed through contracted parties to provide spray application utilizing herbicide chemicals. The chemicals used include Escort XP, Milestone Specialty, and Tordon 22K and LI-700 for a surfactant. Primary weeds found included Canada Thistle (*Cirsium Arvense* L.), Musk Thistle (*Carduus nutans* L.) with a small population of Scotch Thistle (*Onopordum Acanthium* L.). Buffalo Bur (*Solanum Rostratum*) was also found. Spraying occurred in wellfield areas including Mine Unit 9, 15, 3, 1, 4 and K, along the main road to Satellite SR-2 and around the satellite facility area.

4. Significant erosional problems.

There were some erosion problems at headerhouse 9-9. These issues are being resolved with improved contouring and drill or hydro-seeding on steep slopes. The header house K-8 and K-9 and SRHUP #6 areas also required reseeding using amendments, drill seeding, crimping and fertilization. Since this has taken place, the area is growing well and no additional erosional issues have occurred at this site.

5. Areas of unsuitable overburden on the surface.

No unsuitable overburden concerns were encountered within the permit area during the report period.

~~6. Procedures used or proposed to correct these problems.~~

Not applicable this report period.

(f) Summarize the actual reclamation costs incurred during the report period. Costs should be itemized for each operation (i.e. grading, topsoil replacement, seeding, etc.) and for each type of disturbance (i.e. spoil, haul roads, facilities removal, etc.) on a per-acre basis.

(g) Groundwater Restoration Activities

Mine Unit 1

Operation of Mine Unit 1 commenced on June 1997. Due to the economic depletion of uranium in the wellfield, production activities ended in the Third Quarter 2006. Restoration began in September 2006 and groundwater sweep was performed until May 2007. Reverse osmosis began in May 2007 and continued throughout the report period. The permeate flow averaged 355 gpm through the report period. Average restoration flow (including recirculation) was 409 gpm through the report period.

RO activities were conducted in header house 1-1 through 1-6 inclusive during the report period. During the report period, a test program for the addition of sodium sulfide was conducted in header house 1-5 and monitoring of the results continued. A replacement well program was defined and requested on January 6, 2011 under TFN 5 2/216. Cameco received a request for additional information on February 17, 2011 and is preparing a response.

Mine Unit 4/4A

Operation of Mine Unit 4/4A commenced on September 9, 1999. Two headerhouses (4-5 and 4-6) have been refurbished, wellheads repaired and in service for RO activities. Mine Unit 4 was placed in restoration during the report period and RO activity commenced in December 2010. RO activities continued thru April 2011, when technical issues were discovered in the process of using IX recovery on the reject brine from the RO process is under re-evaluation. Modeling of restoration and development of the plan for replacement wells is underway at the end of the report period.

During this period, an average of 14,934,983 gpm was processed through the RO in addition to 4,089,946 gpm of groundwater sweep. The groundwater sweep and RO

activities were conducted concurrently with the loss of RO reject being equal to the groundwater sweep component.

5. 2011-2012 Mining Plans

Describe in detail mining plans for the coming year including revised time schedules and all proposed deviations from previously approved plans. Acreages should be tabulated and illustrated on a map.

In accordance with W.S. 35-11-412(a)(iii) a revised schedule of mining and restoration activities is required to be included in the Annual Report; however the WDEQ-LQD has advised in April 8, 2011 correspondence of the 2009-2010 Annual Report Review, Comment #21 that a revised restoration schedule would not be accepted in the Annual Report, pending responses to TFN 5 3/121. Therefore, no revised restoration schedule has been included with this Annual Report. Cameco submitted responses to TFN 5 3/121 in correspondence dated May 5, 2011 and is pending review by WDEQ-LQD.

Mine Unit 2

Production activities are expected to continue into the next report period. The recompletion of wells in header-house 2-5 was re-evaluated during the previous report period and are no longer planned for the next report period. Other activities planned for the next report period include ground water modeling and infrastructure upgrades (header changeout, well head replacement) in preparation for restoration activities.

Mine Units 3/3-Extension

Production is planned to continue in the next report period. As noted in Table 5-1, Planned Areas of Disturbance, a new extension is planned during the 2011-2012 report period. This activity had been planned for the 2010-2011 period, but was not completed as anticipated.

Production plans for Mine Unit 3 include well recompletes and re-developments associated with header houses 3-2, 3-3, 3-5, and 3-6. This activity includes re-completes of 41 wells and installation of 16 new wells into the upper horizon of the O sand. Mine Unit 3-Extension will consist of monitor well completions, hydrologic testing and wellfield development for header-house 3-9.

Mine Unit 9

Production is planned to continue in header houses 9-2 through 9-13. As a portion of the proposed header house 9-1 wellfield area falls outside of the current permit boundary, an amendment to modify the permit boundary is planned for submittal to WDEQ/LQD in the 2011-

2012 report period. Cameco will also prepare the restoration plan for Mine Unit 9 during the next report period.

Mine Units 15/15A

Production is planned to continue from the existing header houses. Cameco plans to install approximately seven (7) shallow wells in area of header house 15-21 to characterize the upper sand unit. Cameco also plans to prepare the restoration plan for Mine Units 15/15A during the next report period.

Mine Unit 10 (Proposed)

During the next report period, wellfield development will be completed with the construction of 10 header houses. It is anticipated that the wellfield will be operational in the next report period pending approval from WDEQ-LQD.

Mine Unit 7 (Proposed)

Plans for the next report period include monitor well installation, hydrologic testing and wellfield development of three headerhouses.

Mine Unit 8 (Proposed)

Plans for the next report period include additional delineation drilling to define the extents of the ore body and wellfield design. Other activities include monitor well installation and hydrologic testing.

Mine Unit 11 (Proposed)

Plans for the next report period include additional delineation drilling to define the extents of the ore body and wellfield design. Other activities include monitor well installation, hydrologic testing and wellfield development pending the status of wellfield designs and the need for a permit amendment to add acreage along the southern extent of the ore body.

Mine Units 16/17 (Proposed)

Plans for the next report period include additional delineation drilling to define the extents of the ore body and wellfield design.

Mine Units K/K-North

Production is planned to continue from the existing headerhouses in Mine Unit K. In Mine Unit K-North, wellfield development will continue with well completions and header house construction. Production from K-North is also planned to commence following approval of the hydrologic test document and baseline water quality data.

Deep Disposal Wells

Deep disposal wells SRHUP #7 and #8 were planned for installation during the last report period but were not completed. The plans for installation of SRHUP #7 have been carried into the next report period.

6. 2011-2012 Reclamation Plans

Describe in detail reclamation plans for the coming year including revised time schedules and deviations from previously approved plans. Acreages should be tabulated and illustrated on a map.

(a) Groundwater Restoration

Mine Unit 1

Cameco plans to continue restoration methods using reverse osmosis, combined with chemical reductant addition upon commission of a sodium sulfide reductant system. Restoration progress monitoring will continue on a bi-monthly schedule. Other activities planned for this wellfield include installation of replacement wells to enhance ground water restoration efforts.

Mine Unit 4

Cameco plans to continue restoration methods using reverse osmosis (RO) treatment combined with the addition of a sodium sulfide reductant. Additional ion exchange (IX) is planned for Satellite SR-1. Restoration progress monitoring will continue on a bi-monthly schedule. Other activities planned for the next report period include the commissioning of a vacuum decarbonator system.

Wastewater Treatment and Disposal

During the next report period, installation of additional ion exchange (IX) 750 gpm (nameplate capacity) RO treatment system is planned for the Satellite No. 2/Selenium Treatment Plant waste water treatment system to accelerate restoration efforts in Mine Units C, D, D-Extension and E. In addition, an approximate 5.5 mile pipeline network will be installed to connect the Smith Ranch Central Processing Plant (Permit 633) waste water disposal network to the Satellite No. 2 area waste water disposal network. This pipeline will allow access to all deep disposal wells within the Smith Ranch (633) network to dispose of excess RO reject (brine) in the event additional disposal capacity is needed to supplement the Morton 1-20, Vollman 33-27 and/or SRHUP#9 wells.

(b) Restoration Research

Core and Mineralogy Program

This program was presented in the 2009-2010 Annual Report but was not initiated during the report period as previously assessed and is therefore being carried into this Annual Report. The core and mineralogy program will involve retrieval of a total of six cores from mine units that have already been produced. The cores will be twin core holes that had been cored before mining had been conducted in the area. The proposed mine units for this program initially consisted of Mine Units H, K (Permit 633) and 9 (Permit 633); however, Cameco will re-evaluate wellfield suitability prior to program initiation. The goal of the program will be to look at the mineralogy to assess post-mining alteration to the formation.

7. Monitoring Activities

Describe in detail all monitoring activities during the report period, summarize the data, and describe procedures to correct any noted problems and deviations from previously approved methods, including:

(a) Groundwater analyses

Excursion Monitoring and Reporting

As part of the hydrologic monitoring program, monitoring wells in the production zone monitor well ring and those installed in overlying and underlying aquifers are monitored for the excursion parameters (chloride, alkalinity, and conductivity) and water levels twice a month at approximate two week intervals during production operations. The results of all operational monitoring are submitted to the WDEQ/LQD in the routine quarterly reports as required by Permit No. 633. In addition, a monthly Excursion Summary Report has been provided to WDEQ/LQD since March, 2010 in accordance with Settlement Agreement for Notice of Violation Docket Number 4598-09.

Windmills/Solar Wells

As part of the environmental monitoring program, the NRC Material License requires the sampling of several windmills and solar wells once each quarter for natural uranium and radium. These data are submitted to the NRC and show compliance with all NRC requirements. The locations of the monitoring sites are shown on Plate 1. A copy of the sampling analysis provided in the February 28, 2011 NRC Semi-Annual Reports pertaining to Windmill, Solar Wells and Stock Ponds is located in Appendix C

(b) Surface water analyses and discharge data

Evaporation Ponds

With the commencement of commercial operations, the evaporation ponds have been sampled semi-annually. The pond samples are analyzed for bicarbonate, calcium, chloride, sodium, sulfate, TDS, uranium, radium-226, and thorium-230. The West Pond

was not in use during the report period. The results of water samples collected during the report period are provided in Table 7-1 Semi-Annual Sampling of Evaporation Ponds.

Stock Ponds

As part of the environmental monitoring program, the NRC Source Material License requires the sampling of several stock ponds once each quarter for natural uranium and radium-226. The monitoring data collected during the report period shows compliance with all NRC requirements. The locations of these monitoring sites are shown on Plate 1. A copy of the sampling analysis provided in the August 25, 2010 and February 28, 2011 NRC Semi-Annual Effluent and Environmental Monitoring Reports pertaining to Windmill, Solar Wells and Stock Ponds is located in Appendix C.

(c) Precipitation data

LQD issued a Letter of Conference and Conciliation (LCC) on October 7, 2010. One requirement of the LCC was to install a meteorological station on-site. The station was installed and data tracking starting in November 2010. Pursuant to Chapter 2, Section 2(a)(i)C) and (D) meteorological data will be collected for precipitation and wind. The data has been prepared to show monthly averages and graphs of temperature, wind speed, daily and total rainfall have been created to illustrate the data.

The total rainfall from the period between November 2010 and April 2011 was 1.58 inches. This results in an average of 0.26 inches over a six month period. Average wind speeds for the area were 13.1 mph and were predominately out of the southwest. Tables of this information can be found in Table 10-3

(d) Subsidence monitoring

This item pertains to slope stability issues that occur in conventional open-pit mining operations. Due to the nature of ISR mining there is no open-pit and therefore no subsidence issues.

(e) Overburden analyses

This item pertains to slope stability issues that occur in conventional open-pit mining operations. Due to the nature of ISR mining there is no open-pit and therefore no overburden issues.

(f) Topsoil quantities -compare calculated and actual

Refer to Table 3-2 Topsoil Stockpile Summary. Topsoil stockpiles #69 through #74 are new long-term piles created as a result of the construction during the report period. The long-term topsoil stockpiles are illustrated on Plates 1 and 1-I through 1-8 (SR).

(g) Vegetation data

No vegetation sampling was collected in the permit area during the report period.

(h) Wildlife data

Three aerial surveys were conducted to locate bald eagle winter roost sites and to confirm potential winter roost habitat in or within one mile of the combined Permit Area. Prior to aerial surveys, potential bald eagle winter roost habitat (i.e. arboreal habitat consisting of at least a few trees clustered in a grove) was delineated within one mile of the Permit Area using National Agriculture Imagery Program (NAIP) aerial photographs from 2009. This enabled potential bald eagle winter roosting sites to be effectively targeted. Bald eagle winter roost aerial surveys were conducted on January 23, February 10, and March 1, 2011. No bald eagles were observed during the three aerial surveys.

An aerial survey will be conducted early in the next report period to identify potential sage grouse leks. Additionally, Cameco will conduct ground surveys to confirm potential lek locations.

The results will be made available during the 2012 Annual Report. The following surveys are planned for 2011; black-tailed prairie dog presence/activity surveys and mapping, mountain plover habitat/presence survey, wetland/pond surveys and wildlife use on disturbed and reclaimed areas and results will be available in the 2012 Annual Report. Raptor surveys are in progress. A finalized updated map related to these surveys will be presented with the 2012 Annual Report.

(i) Other Monitoring Activities

Ambient Air Monitoring

In accordance with the NRC Source Material License, Cameco currently maintains three air monitoring stations in the 633 permit area. The stations are used to monitor uranium, radium, thorium, radon, and gamma radiation and are located at the following places: Downwind at the restricted area boundary (Fenceline); the nearest downwind residence (Vollman Ranch); and an upwind background site (Dave's Water Well). Data are collected from these stations on a quarterly basis and submitted to the NRC in the Semi-Annual Effluent and Environmental Monitoring and shows compliance with all NRC requirements.

Environmental Radiological Monitoring Data

Radon-222 is measured at the facility at three locations identified as Vollman Ranch (downwind), Fenceline (downwind), and Dave's Water Well (upwind). These measurements are made using a continuous passive radon detector. The detector is exchanged for analysis on a quarterly basis and the results are submitted to the NRC in the Semi-Annual Effluent and Environmental Monitoring Reports.

Direct gamma radiation is measured quarterly at the active air monitoring locations and one background site located near the main office building. These measurements are submitted to the NRC in the Semi-Annual Effluent and Environmental Monitoring Reports.

(j) A map showing and identifying monitoring locations.

Plates 1 and Plates 1-1 through 1-9 (SR) show the locations of existing facilities at the Smith Ranch Project including the locations of environmental monitoring sites at each wellfield.

8. 2010-11 Reclamation Surety Estimate Revision

Operator's Reclamation Performance Bond Estimate as required by Wyoming Statute §35-11-417. Reclamation cost estimates should be itemized in detail to reflect the actual estimated costs of reclaiming all lands which have been affected to date and those lands to be affected during the next report period. Costs must reflect procedures as specified in the approved mine and reclamation plan. The estimated cost of dismantling and disposal of all facilities and structures must be included. Salvage value will not be used to offset bonding requirements. Reclamation projected for the coming year will not be used to offset bonding requirements. Pit backfill costs must reflect actual yardages to be moved. Actual yardages to be moved will reflect the removal or placement of additional material to correct any deviations between the PMT map and the map submitted for part 4. (b).

The 2011-12 Surety Estimate Revision is included in Appendix B. The revision results in a surety estimate of \$78,839,439 which is an increase of \$24,306,539 from the current approved amount of \$54,532,900. It also represents an increase of \$11,631,244 from the surety estimate revision provided May 2011 of \$67,208,195 in response to the 2009-10 Annual Report Review Comments. As shown in Appendix B, most of the decrease in the surety estimate is a result of revised and updated unit costs associated with ground water restoration.

9. Additional Information

Supply any additional information as requested by the Division related to:

(a) Notices of Violation

Current Notices of Violation

During the report period there were no Notices of Violation (NOV) issued in association with Permit No. 633.

Abated Notices of Violation

No Notices of Violation were reported by the LQD as completed during the report period.

Pending Notices of Violation

NOV Docket No. 4314-08, Cameco Resources, Permit 633 and DN236 Hole Abandonment remains open. All items from the Settlement Agreement have been completed and remain open pending finalization from LQD.

NOV Docket No. 4164-07, Cameco Resources, Trunkline Spill remains open. Cameco has responded to Settlement Agreement stipulations which are pending response and abatement from LQD.

(b) Orders

Not applicable

(c) Permit stipulations; and

Not applicable

(d) Other special conditions.

The LQD issued two Letters of Conference and Conciliation (LCC) during the 2010-2011 report period. Cameco has responded to each LCC during the period.

A LCC dated October 7, 2010, for Sediment Control Installation was abated by LQD per correspondence dated February 15, 2011.

A LCC was issued by LQD on May 2, 2011 for Missed Uranium Analysis for EMP wells (4th Quarter 2010). LQD indicated that the LCC was applicable to both the 603 and 633 permits. Cameco will respond to requirements in the next report period with an update provided in the next Annual Report.

10. 2009-10 Delineation Drilling

All drill holes used for immediate development expansion of the advancing pit(s) shall be tabulated by location and depth and shown on the mining plan map. Pursuant to WS 35-

11-404(e), all drill holes used for exploration shall be reported to the LQD Abandoned Drill Hole Program Supervisor and State Engineer.

Refer to Table 10-1 Delineation Drill Holes (April 1, 2010 through April 30, 2011) for drill hole information. Delineation holes drilled during the report period have been plugged and capped in accordance with W.S 35-11-404(c) (i-iii) and Permit 633. Eighty-three holes have been surface reclaimed and are in the Plugged & Abandoned Report with Bond Release Requests in Table 10-2. The remaining holes are scheduled for surface reclamation during the next report period. As surface reclamation is completed, Cameco intends to request inspection for bond release in separate letters on a quarterly basis to the WDEQ-LQD pursuant to Chapter 8 of the Non-Coal Rules & Regulations.

Refer to Table 10-2 Plugged and Abandonment Report with Bond Release Requests for Permit 633 and Abandoned Drill Hole Map 1 through Map 7 for information on surface reclamation of drilled delineation holes that were completed during the report period. Seeding and reclamation have been done in accordance with W.S 35-11-404(c) (v) and Permit 633. Seed mix used at different times of the year is presented at the end of Table 10-2. With the submittal of Table 10-2, Cameco is providing notification to WDEQ-LQD with a request to release plug and abandonment bond on holes listed pursuant to Chapter 8 of the Non-Coal Rules & Regulations. Attached to the Annual Report is an Index of Change to insert Table 10-2 Plugged and Abandonment Report to Appendix D5 Geology as a non-significant revision (NSR).

Table 10-3 Vegetation Bond Release Request is submitted to provide WDEQ-LQD notification of a request to release vegetation bond on holes abandoned and seeded two or more years prior pursuant to Chapter 8 of WDEQ-LQD Non-Coal Rules & Regulations.

11. 2011-12 Proposed Delineation Drilling

Under TFN 5 1/175, Cameco will provide responses and a revised drilling proposal with listed hole locations where drilling on Permit 633 would be conducted through 2011 and into 2012.

12. Certification and Signature

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 gathered and evaluated 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 knowing violations.

Thomas Cannon

General Manager Operations

Print Name and Title of Principal Executive Officer or Authorized Agent



6.30.11

Signature of Principal Executive Officer or Authorized Agent

Date

Annual Report Attachment

A. Please indicate any change in company name or business organization.

B. List the names, addresses and phone numbers for the following:

1. General Manager:

Tom Cannon
PO Box 1210
Glenrock, WY 82637
(307) 358-6541

2. Party to Receive Notice:

Dawn Kolkman
Safety, Health, Environment and Quality (SHEQ) Manager
PO Box 1210
Glenrock, WY 82637
(307) 358-6541

C. List the names, addresses and phone numbers of all officers, owners and/or controllers. Include titles/positions and beginning and ending dates.

William Paul Goranson, President, Power Resources, Inc. d/b/a Cameco Resources, 2020 Carey Ave., Suite 600, Cheyenne, WY 82001, 307-316-7600 (Effective: 3/1/10)

Thomas P. Young, Vice-President, Operations, Power Resources, Inc. d/b/a Cameco Resources, 2020 Carey Ave., Suite 600, Cheyenne, WY 82001, 307-316-7600 (Effective: 10/13/09)

Ted A. Robinette, Controller, Power Resources, Inc. d/b/a Cameco Resources, 2020 Carey Ave., Suite 600, Cheyenne, WY 82001, 307-316-7600 (Effective: 1/3/08)

Greg Gabruch, Secretary, Cameco Corp., 664 University Drive, Saskatoon, Saskatchewan, Canada S7M 0J2, 306-956-6200 (Effective: 9/19/06)

Rochelle D. Maslin, Assistant Secretary, Cameco Corp., 815-13th St. East, Saskatoon, Saskatchewan, Canada S7M 0M2, 306-956-6200 (Effective: 7/1/05)

Tables

TABLE 3-1
ACREAGE AFFECTED SUMMARY
2010-2011 ANNUAL REPORT PERMIT 633

Area	Year	Acreage
Bill Smith Surface Plant, Yard, Spoil	1971	10.57
Bill Smith Storage Yard (50% of 10.18 acres)	1971	5.09
Access Road (1/2 roadbed)	1968	4.75
Settling Ponds, Treatment Plant Area	1968	8.6
Topsoil Piles (pre-1996)	1968	3.36
Other Roads (Access to ISL Wellfield)	1982	5
Miscellaneous (Area around evap. ponds,	1981	3.61
Wellfield #1 (inclusive of Headerhouses and	1996	27.1
Oxygen Storage Facility	1997	0.2
Chemical Storage Facility ⁽¹⁾	1997	0
Disposal Well Area (Pad, Road & Spoil Pile)	1996	2.9
Drill Mud Storage Area	1996	0.25
Wellfield #1 Storage Area	1996	1.5
Topsoil #8	1996	0.2
Topsoil #9 ⁽²⁾	1997	0.3
Wellfield #2 Storage Area	1998	1.24
Wellfield #3 (inclusive of Headerhouses and	1998	37.52
Wellfield #3 Southern Storage Area	1998	1.2
Satellite #1	1998	2.05
Wellfield #4 Storage Area	1998	1.64
Wellfield #4 (inclusive of Headerhouses and	1998	29.59
Topsoil Pile #10	1998	0.4
Topsoil Pile #11	1998	0.08
Topsoil Pile #12	1998	0.29
Topsoil Pile #13	1998	0.72
Topsoil Pile #14	1998	0.16
Shop Building ⁽¹⁾	1997	0
Office Addition Building	1998	0.23
Trunkline #1	1998	3.1
Topsoil Pile #15	1999	0.1
Topsoil Pile #16	1999	0.2
Trunkline #2	1999	11.7
Topsoil Pile #6	1997	0.78

TABLE 3-1
ACREAGE AFFECTED SUMMARY
2010-2011 ANNUAL REPORT PERMIT 633

Area	Year	Acreage
Office Parking Lot	1999	0.4
Trunkline #2 Pipeline Lay down Area	1999	1.1
Wellfield #4/Phase #2	1999/2000	27
Wellfield #4A/Phase #2 Staging Area	2000	0.3
Drill Water Facility Including Topsoil Pile	1999	0.1
Topsoil Pile #17	1999	0.2
Facility Fire Water System Tank	2000	0.1
Deep Disposal Well #2 Pad	1999	1.9
Topsoil Pile #18	2000	0.1
Wellfield #4/Phase #2 Pipeline	2000	5.9
Topsoil Pile #19	2001	0.1
Topsoil Pile #20 ⁽³⁾	2001	0
Wellfield #4 HH4-5,6 Booster	2001	0.1
Wellfield #4/Phase #2 Pipeline for HH4-10,	2001	2.3
Deep Disposal Well #2 Pipeline	2001	0.1
Wellfield #4 Booster Station	2001	0.1
Wellfield #2 (inclusive of Headerhouses and	2001	52
Topsoil Pile #21 ⁽³⁾	2002	0
Smith Ranch-Highland Connecting Road	2002	10.9
Topsoil Pile #22	2002	0.3
Topsoil Pile #23	2002	0.6
Topsoil Pile #24	2002	0.4
Topsoil Pile #25	2002	0.4
Topsoil Pile #26	2002	0.4
Topsoil Pile #27	2002	0.4
Delineation Drilling, and Lay down Area	2004	2
Mine Unit-15 Access Road	2004	7.3
Topsoil Pile #28	2004	0.2
Topsoil Pile #29	2004	0.1
Topsoil Pile #30	2005	0.1
Topsoil Pile #31	2005	0.1
Mine Unit-15 Pipeline	2005	2.3
Mine Unit-15 Booster Station	2005	0.5

TABLE 3-1
ACREAGE AFFECTED SUMMARY
2010-2011 ANNUAL REPORT PERMIT 633

Area	Year	Acreage
Mine Unit-15 Wellfield Installation and	2004-2005	25
Mine Unit-K Development	2005	5
Topsoil Pile #32	2005	0.2
Topsoil Pile #33	2006	0.1
Topsoil Pile #34	2006	0.2
Topsoil Pile #35	2006	0.3
Topsoil Pile #36	2006	0.4
Topsoil Pile #37	2006	0.3
Topsoil Pile #38	2006	0.1
Topsoil Pile #39	2006	0.4
Topsoil Pile #40	2006	0.3
Topsoil Pile #41	2006	0.5
Mine Unit 15A Installation	2007	72
Mine Unit 9 (Southwest) delineation and lay-down	2007	5
Mine Unit K-Pipeline and well installation	2007	40
Topsoil Pile #42	2008	0.02
Topsoil Pile #43	2008	0.02
Topsoil Pile #44	2008	0.02
Topsoil Pile #45	2008	0.02
Topsoil Pile #46	2008	0.02
Topsoil Pile #47	2008	0.02
Topsoil Pile #48	2008	0.02
Topsoil Pile #49	2008	0.1
Topsoil Pile #50	2008	0.1
Topsoil Pile #51	2008	0.1
Road and wellfield installation, Southwest	2008	5
Satellite SR-2	2008	15
Topsoil Pile #52	2009	0.05
Topsoil Pile #53	2009	0.04
Topsoil Pile #54	2009	0.07
Topsoil Pile #55	2009	0.11
Topsoil Pile #56	2009	0.07
Topsoil Pile #57	2009	0.05

TABLE 3-1
ACREAGE AFFECTED SUMMARY
2010-2011 ANNUAL REPORT PERMIT 633

Area	Year	Acreage
Topsoil Pile #58	2009	0.06
Topsoil Pile #59	2009	0.01
Topsoil Pile #60	2009	0.11
Topsoil Pile #61	2009	0.04
Topsoil Pile #62	2009	0.08
Topsoil Pile #63	2009	0.05
Topsoil Pile #64	2009	0.03
Topsoil Pile #65	2009	0.03
Topsoil Pile #66	2009	0.02
Topsoil Pile #67	2010	0.06
Topsoil Pile #68	2010	0.4
Topsoil Pile #69	2010	0.356
Topsoil Pile #70	2010	0.142
Topsoil Pile #71	2010	0.182
Topsoil Pile #72	2011	0.021
Topsoil Pile #73	2011	0.079
Topsoil Pile #74	2010	0.079
Mine Unit 3 Delineation	2010	2
Mine Unit 2	2010	2
Proposed Mine Unit 7 Delineation	2010	2.15
Mine Unit 9 Wellfield Development	2010	47.5
SHRUP #6 Deep disposal well and pad	2010	3
SHRUP #10 Deep disposal well, pad and access road	2010	3
Water supply well and storage tanks, pad and access road	2010	0.33
Mine Unit K North - Delineation and monitor well installation	2010	4
Mine Unit 15A Wellfield development (headerhouses 19-23)	2010	33
Mine Unit 10 Development	2010/2011	9.53
Mine Unit K-N Development	2010/2011	17.4
Mine Unit 4 Staging Area	2010/2011	0.48
SHRUP #10 Access Rd. and Pipe	2010/2011	2.3

TABLE 3-1
ACREAGE AFFECTED SUMMARY
2010-2011 ANNUAL REPORT PERMIT 633

Area	Year	Acreage
Unreclaimed Areas	---	581.299
Areas Previously Reclaimed	---	18.88
Total Acres	---	1143.718

- (1) Included within "Bill Smith Surface Plant, Yard and Spoil"
- (2) Previous topsoil pile #9 was moved and combined several smaller topsoil piles to make new topsoil pile.
- (3) Topsoil located in areas already covered by bond.

TABLE 3-2
TOPSOIL STOCKPILE SUMMARY
2010-2011 ANNUAL REPORT PERMIT 633

Topsoil Pile No.	Year/Date Stockpiled	Estimated Volume (yd ³)	Amount Used (yd ³)	Remaining
1	1968	14,300	0	14,300
2	1968	15,800	13,550	2,250
3	1968	12,100	0	12,100
4	1968	520	0	520
5	1983	3,350	0	3,350
6	1983 & 1998	1,621	0	1,621
7	1983	300	0	300
8	1996	1,820	0	1,820
9	1997	60	0	60
10	1998 & 1999	3,217	0	3,217
11	1998	495	0	495
12	1998 & 1999	1,872	0	1,872
13	1998	4,653	0	4,653
14	1998	751	0	751
15	1999	490	0	490
16	1999	3,500	0	3,500
17	2000	300	0	300
18	1999	170	0	170
19	2001	247	0	247
20	2001	72	0	72
21	2001	147	0	147
22	2002	338	0	338
23	2002	378	0	378
24	2002	645	0	645
25	2002	1,345	0	688
26	2002	689	0	689
27	2002	567	0	567
28	2004 (Stockpile increased 2010)	3,097	0	3097
29	2004	731	0	731
30	2005 (Stock pile increased 2010)	969	0	969
31	2005	575	0	575
32	2005	2,281	0	2,281
33	2006	494	0	494
34	2006	696	0	696
35	2006	1,070	0	1070
36	2006	1,607	0	1607
37	2006	1,035	0	1035
38	2006	749	0	749
39	2006	1,485	0	1485
40	2006	1,210	0	1210
41	2006 (Stockpile increased 2011)	1,765	0	1765
42	2008	125	0	125
43	2008	125	0	125
44	2008	125	0	125
45	2008	125	0	125
46	2008	125	0	125
47	2008	125	0	125
48	2008	749	0	749
49	2008	749	0	749
50	2008	749	0	749

TABLE 3-2
TOPSOIL STOCKPILE SUMMARY
2010-2011 ANNUAL REPORT PERMIT 633

Topsoil Pile No.	Year/Date Stockpiled	Estimated Volume (yd ³)	Amount Used (yd ³)	Remaining
51	2008	749	0	749
52	2009	155	0	155
53	2009	89	0	89
54	2009	115	0	115
55	2009	349	0	349
56	2009	497	0	497
57	2009	92	0	92
58	2009	138	0	138
59	2009	40	0	40
60	2009	154	0	154
61	2009	75	0	75
62	2009	106	0	106
63	2009	73	0	73
64	2009	184	0	184
65	2009	56	0	56
66	2009	17	0	17
67	2009	88	0	88
68	2010	2,248	1106	1142
69	2010	2,136	0	2136
70	2010	570	0	570
71	2010	942	0	942
72	2010	72	0	72
73	2010	579	0	579
74	2010	286	0	286
Total		100,320	14,656	85,006

TABLE 3-3
URANIUM PRODUCTION BY YEAR
2010-2011 ANNUAL REPORT PERMIT 633

Year	Amount (Pounds)
Pre-1982 ⁽¹⁾	24,800
1982-1989 ⁽²⁾	284,000
1990-1997 ⁽³⁾	24,529
1997 ⁽⁴⁾	174,139
1998 ⁽⁴⁾	863,857
1999 ⁽⁴⁾	1,633,780
2000 ⁽⁴⁾	1,137,630
2001 ⁽⁴⁾	907,938
2002 ⁽⁴⁾	1,179,302
2003 ⁽⁴⁾	869,286
2004 ⁽⁴⁾	1,256,011
2005 ⁽⁴⁾	732,156
2006 ⁽⁵⁾	2,220,678
2007 ⁽⁵⁾	1,756,761
2008 ⁽⁵⁾	1,359,104
2009 ⁽⁵⁾	1,762,092
2010 ⁽⁵⁾	1,902,403
2011 ⁽⁵⁾	1,491,944
Total	19,580,410

(1) Underground conventional mining production.

(2) ISL Pilot Plants production.

(3) ISL Pilot Plants standby production.

(4) Eluted commercial ISL production (calendar year).

(5) Eluted commercial ISL production (anniversary year). Reflects production from Smith-Ranch & Highland operations as processing for both facilities occurs in the Central Processing Plant at Smith-Ranch.

TABLE 3-4
WELLFIELD RELEASE SUMMARY
2010-2011 ANNUAL REPORT PERMIT 633

DATE	LOCATION	VOLUME (gal)	SURFACE AREA (FT ²)	CAUSE
7/8/2010	Well KI-006	1,440	Collected into a small depression (old pit) next to well	O-ring seal 5' below surface failed and lett the well leak to the surface.
7/8/2010	MU-1 Main Pipeline	1,190	3,239	16" Poly Pipe fusion joint separated
9/22/2010	HH-15-12	960	3,849	Main pipeline leaking, fuse joint failed

TABLE 3-5
FACILITY WATER BALANCE REPORT
2010-2011 ANNUAL REPORT PERMIT 633

Location	Recovery Volume (gallons)	Injection Volume (gallons)	Over Recovery Volume (gallons)	Average Production Rate (gpm)
CPP	989,682,435	984,837,400	4,845,035	1,886
SR#1	1,673,720,518	1,665,520,592	8,199,926	3,193
SR#2	1,693,842,989	1,684,085,900	9,757,089	3,218

TABLE 4-1 INTERIM RECLAMATION
2010-2011 ANNUAL REPORT PERMIT 633

MINE UNIT/LOCATION	TYPE OF DISTURBANCE (ROAD, WELLFIELD, SPILL AREA, ETC.)	RECLAMATION TYPE (INTERIM OR PERMANENT)	AREA SQ FT	MINE ACRES	TOPSOIL APPLICATION (YES/NO)	TOPSOIL APPLICATION DEPTH (INCHES = ")	TYPE OF SEED	SEEDING DATES	SEEDING PROCEDURE	RATE OF SEED APPLICATION	TYPE & RATE OF FERTILIZER	TYPE & RATE OF MULCH APPLIED	ACRES RECLAIMED IN 2010-11 BY MINE UNIT
MINE UNIT 9, HH 9-1 AREA RECLAMATION; MINE UNIT 9, HH 9-1 8.82 Acres.	WELLFIELD	INTERIM	384,145.20	8.82	NO	N/A	2010C SEED MIX: 5.6 PLS Western Wheatgrass, Rosanna 0.1 PLS Canby Bluegrass 0.3 PLS Sheeps Fescue, Covar 1.4 PLS Sand Bluestem 1.1 PLS Prairie Sandreed 0.02 PLS Gardner Saltbush 1.8 PLS Sideoats Grama; TOTAL = 10.32 PLS/Lbs per acre. = 11 PLS#/ac @ \$106 per acre.	MARCH, 1ST QUARTER 2011	1.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR TRACTOR ACCESSIBLE AREAS INCLUDE: o CONTOUR AREA TO ORIGINAL STATE. o DISC DISTURBED AREA o SPREAD APPROPRIATE FERTILIZER IN DISCED AREA - (18-46-0 Fertilizer) 200LBS PER ACRE o DRILL-SEED CAMECO APPROVED 2010C SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 11 PLS#/ac @ \$106 per acre.	11 PLS#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	FERTILIZER ONLY = \$91.88 COST PER ACRE	
MINE UNIT 9 HH 9-2 TO 9-7 AREA RECLAMATION (NORTHERN PORTION); MINE UNIT 9, HH 9-2,3,4,5,6,7 30.74 Acres.	WELLFIELD	INTERIM	1,339,034.30	30.74	NO	N/A	2010C SEED MIX: 5.6 PLS Western Wheatgrass, Rosanna 0.1 PLS Canby Bluegrass 0.3 PLS Sheeps Fescue, Covar 1.4 PLS Sand Bluestem 1.1 PLS Prairie Sandreed 0.02 PLS Gardner Saltbush 1.8 PLS Sideoats Grama; TOTAL = 10.32 PLS/Lbs per acre. = 11 PLS#/ac @ \$106 per acre.	MARCH, 1ST QUARTER 2011	1.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR TRACTOR ACCESSIBLE AREAS INCLUDE: o CONTOUR AREA TO ORIGINAL STATE. o DISC DISTURBED AREA o SPREAD APPROPRIATE FERTILIZER IN DISCED AREA - (18-46-0 Fertilizer) 200LBS PER ACRE o DRILL-SEED CAMECO APPROVED 2010C SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 11 PLS#/ac @ \$106 per acre.	11 PLS#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	200LBS FERTILIZER (4 BAGS) & 6 ROUND BALES = \$391.88 COST PER ACRE	
MINE UNIT 9, HH 9-2 TO 9-7 AREA RECLAMATION (SOUTHERN PORTION); MINE UNIT 9, HH 9-2,3,4,5,6,7 9.69 Acres.	WELLFIELD	INTERIM	421,927.68	9.69	NO	N/A	2010C SEED MIX: 5.6 PLS Western Wheatgrass, Rosanna 0.1 PLS Canby Bluegrass 0.3 PLS Sheeps Fescue, Covar 1.4 PLS Sand Bluestem 1.1 PLS Prairie Sandreed 0.02 PLS Gardner Saltbush 1.8 PLS Sideoats Grama; TOTAL = 10.32 PLS#/ac @ \$106 per acre.	MARCH, 1ST QUARTER 2011	1.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR TRACTOR ACCESSIBLE AREAS INCLUDE: o CONTOUR AREA TO ORIGINAL STATE. o DISC DISTURBED AREA o SPREAD APPROPRIATE FERTILIZER IN DISCED AREA - (18-46-0 Fertilizer) 200LBS PER ACRE o DRILL-SEED CAMECO APPROVED 2010C SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 10.32 PLS#/ac @ \$106 per acre.	10.32 PLS#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	200LBS FERTILIZER (4 BAGS) & 6 ROUND BALES = \$391.88 COST PER ACRE	
MINE UNIT 9, DRAINAGE CHANNEL, HH 9-2 TO 9-7 RECLAMATION; MINE UNIT 9, DRAINAGE CHANNEL, HH 9-2 TO 9-7 1.64 Acres.	WELLFIELD	INTERIM	71,270.26	1.64	NO	N/A	2010A SEED MIX: Canby Bluegrass 1.0 Sheeps Fescue, Covar 2.0 Linn Perennial Rye 2.0 Blue Grama 2.0 Sideoats Grama 1.50 Prairie Sandreed 1.0 Gardner Saltbrush 1.50 Total 11 PLS # / AC \$63.00/AC (15 BULK LBS PER ACRE, BAGS = 45 LBS, USE 1 BAG EVERY 3 ACRES). 11 PLS#/ac @ \$63 per acre.	NOVEMBER, 4TH QUARTER	2.a) THE SOIL AMENDMENT PROCESS SUMMARY FOR CULVERTS, DRAINAGE AREAS, AND SIMILAR AREAS NOT ACCESSIBLE BY A TRACTOR INCLUDE: o CONTOUR AREA WITH RAKE/SHOVEL TO ORIGINAL STATE. o SPREAD APPROPRIATE FERTILIZER IN CONTOURED AREA. o SEED AREA WITH PORTABLE SEEDING UNIT (CAMECO APPROVED SEED MIX & 1 ANNUAL CROP - OATS). o RAKE SEED INTO DISTURBED AREA. o INSTALL "EROSION BLANKETS," "WATTLES", OR "SEDIMENT STOP" OVER SEEDED AREA. SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 11 PLS#/ac @ \$63 per acre.	11 PLS#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	FERTILIZER ONLY = \$91.88 COST PER ACRE	
MINE UNIT 9 HH 9-8 AREA RECLAMATION; MINE UNIT 9, HH 9-8, 4.83 Acres.	WELLFIELD	INTERIM	210,260.09	4.83	NO	N/A	2009B SEED MIX (10/6/2009): Canby Bluegrass 1.00 PLS#/AC, Sheeps Fescue, Covar 2.00 PLS#/AC, Indian Ricegrass 2.00 PLS#/AC, Sand Bluestem 0.75 PLS#/AC, Little Bluestem 1.00 PLS#/AC, Winterfat 2.00 PLS#/AC, Prairie June Grass 0.50 PLS#/AC, Blue Flax 1.00 PLS#/AC, PLS#/AC TOTAL = 10.25, 1 ACRE BAGS @ \$126.50 PER ACRE.	MAY, 2nd QUARTER 2010	1.a) THE SOIL AMENDMENT PROCESS SUMMARY FOR TRACTOR ACCESSIBLE AREAS INCLUDE: o CONTOUR AREA TO ORIGINAL STATE. o DISC DISTURBED AREA o SPREAD APPROPRIATE FERTILIZER IN DISCED AREA - (18-46-0 Fertilizer) 200LBS PER ACRE o DRILL-SEED CAMECO APPROVED 2010C SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). o BROADCAST STRAW OVER SEEDED AREA WITH HAYBUSTER UNIT. o CRIMP STRAW MULCH INTO SEEDED AREA WITH WISHEK STRAWPRESS UNIT. 10.25 PLS#/ac @ \$126.50 per acre.	10.25 PLS#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	200LBS FERTILIZER (4 BAGS) & 6 ROUND BALES = \$391.88 COST PER ACRE	
MINE UNIT 9 HH 9-9 AREA RECLAMATION; MINE UNIT 9, HH 9-9, 5.19 Acres.	WELLFIELD	INTERIM	225,891.99	5.19	NO	N/A	2009B SEED MIX (10/6/2009): Canby Bluegrass 1.00 PLS#/AC, Sheeps Fescue, Covar 2.00 PLS#/AC, Indian Ricegrass 2.00 PLS#/AC, Sand Bluestem 0.75 PLS#/AC, Little Bluestem 1.00 PLS#/AC, Winterfat 2.00 PLS#/AC, Prairie June Grass 0.50 PLS#/AC, Blue Flax 1.00 PLS#/AC, PLS#/AC TOTAL = 10.25, 1 ACRE BAGS @ \$126.50 PER ACRE.	MAY, 2nd QUARTER 2010	1.a) THE SOIL AMENDMENT PROCESS SUMMARY FOR TRACTOR ACCESSIBLE AREAS INCLUDE: o CONTOUR AREA TO ORIGINAL STATE. o DISC DISTURBED AREA o SPREAD APPROPRIATE FERTILIZER IN DISCED AREA - (18-46-0 Fertilizer) 200LBS PER ACRE o DRILL-SEED CAMECO APPROVED 2010C SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). o BROADCAST STRAW OVER SEEDED AREA WITH HAYBUSTER UNIT. o CRIMP STRAW MULCH INTO SEEDED AREA WITH WISHEK STRAWPRESS UNIT. 10.25 PLS#/ac @ \$126.50 per acre.	10.25 PLS#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	200LBS FERTILIZER (4 BAGS) & 6 ROUND BALES = \$391.88 COST PER ACRE	
MINE UNIT 9 HH 9-10 through HH 9-13 AREA RECLAMATION; MINE UNIT 9, HH 9- 10,11,12,13; 53.85 Acres.	WELLFIELD	INTERIM	2,159,176.62	49.57	NO	N/A	2011A SEED MIX: PLS#/ac: Canby Bluegrass - 2, Linn Perennial Rye - 3, Prairie June Grass - 2, Blue Grama - 1, Sideoats Grama - 1, Little Bluestem - 1, Gardner Saltbrush - 1. Total = 11 PLS#/ac, Bulk 15Lbs per acre bag 1 @ \$105 PER ACRE.	MARCH, 1ST QUARTER 2011	1.a) THE SOIL AMENDMENT PROCESS SUMMARY FOR TRACTOR ACCESSIBLE AREAS INCLUDE: o CONTOUR AREA TO ORIGINAL STATE. o DISC DISTURBED AREA o SPREAD APPROPRIATE FERTILIZER IN DISCED AREA - (18-46-0 Fertilizer) 200LBS PER ACRE o DRILL-SEED CAMECO APPROVED 2010C SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). o BROADCAST STRAW OVER SEEDED AREA WITH HAYBUSTER UNIT. o CRIMP STRAW MULCH INTO SEEDED AREA WITH WISHEK STRAWPRESS UNIT. 11 PLS#/ac @ \$105 per acre.	11 PLS#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	200LBS FERTILIZER (4 BAGS) & 6 ROUND BALES = \$391.88 COST PER ACRE	

TABLE 4-1 INTERIM RECLAMATION
2010-2011 ANNUAL REPORT PERMIT 633

MINE UNIT 9 - 633 PERMIT	MINE UNIT/LOCATION	TYPE OF DISTURBANCE (ROAD, WELLFIELD, SPILL AREA, ETC.)	RECLAMATION TYPE (INTERIM OR PERMANENT)	AREA SQ FT	MINE ACRES	TOPSOIL APPLICATION (YES/NO)	TOPSOIL APPLICATION DEPTH (INCHES = ")	TYPE OF SEED	SEEDING DATES	SEEDING PROCEDURE	RATE OF SEED APPLICATION	TYPE & RATE OF FERTILIZER	TYPE & RATE OF MULCH APPLIED	ACRES RECLAIMED IN 2010-11 BY MINE UNIT
	MINE UNIT 9 STAGING AREA	WELLFIELD	INTERIM	15,560.74	0.36	NO	N/A	2010A SEED MIX: Canby Bluegrass 1.0 Sheeps Fescue, Covar 2.0 Linn Perennial Rye 2.0 Blue Grama 2.0 Sideoats Grama 1.50 Prairie Sandreed 1.0 Gardner Saltbrush 1.50 Total 11 PLS # / AC \$63.00/AC (15 BULK LBS PER ACRE, BAGS = 45 LBS, USE 1 BAG EVERY 3 ACRES). 11 PLS#/ac @ \$63 per acre.	JULY, 3RD QUARTER 2010	1.a) THE SOIL AMENDMENT PROCESS SUMMARY FOR TRACTOR ACCESSIBLE AREAS INCLUDE:◦ CONTOUR AREA TO ORIGINAL STATE. ◦ DISC DISTURBED AREA ◦ SPREAD APPROPRIATE FERTILIZER IN DISCED AREA - (18-46-0 Fertilizer) 200LBS PER ACRE ◦ DRILL-SEED CAMECO APPROVED 2010C SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). ◦ BROADCAST STRAW OVER SEEDED AREA WITH HAYBUSTER UNIT. ◦ CRIMP STRAW MULCH INTO SEEDED AREA WITH WISHEK STRAWPRESS UNIT. 11 PLS#/ac @ \$63 per acre.	11 PLS#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	200LBS FERTILIZER (4 BAGS) & 6 ROUND BALES = \$391.88 COST PER ACRE	
	MINE UNIT 9 MONITOR WELL AREA	WELLFIELD	INTERIM	6,488.41	0.15	NO	N/A	2010A SEED MIX: Canby Bluegrass 1.0 Sheeps Fescue, Covar 2.0 Linn Perennial Rye 2.0 Blue Grama 2.0 Sideoats Grama 1.50 Prairie Sandreed 1.0 Gardner Saltbrush 1.50 Total 11 PLS # / AC \$63.00/AC (15 BULK LBS PER ACRE, BAGS = 45 LBS, USE 1 BAG EVERY 3 ACRES). 11 PLS#/ac @ \$63 per acre.	JULY, 3RD QUARTER 2010	1.a) THE SOIL AMENDMENT PROCESS SUMMARY FOR TRACTOR ACCESSIBLE AREAS INCLUDE:◦ CONTOUR AREA TO ORIGINAL STATE. ◦ DISC DISTURBED AREA ◦ SPREAD APPROPRIATE FERTILIZER IN DISCED AREA - (18-46-0 Fertilizer) 200LBS PER ACRE ◦ DRILL-SEED CAMECO APPROVED 2010C SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). ◦ BROADCAST STRAW OVER SEEDED AREA WITH HAYBUSTER UNIT. ◦ CRIMP STRAW MULCH INTO SEEDED AREA WITH WISHEK STRAWPRESS UNIT. 11 PLS#/ac @ \$63 per acre.	11 PLS#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	200LBS FERTILIZER (4 BAGS) & 6 ROUND BALES = \$391.88 COST PER ACRE	
	MINE UNIT 9 CLOSED ROAD AREA	WELLFIELD	INTERIM	60,387.74	1.39	NO	N/A	2010A SEED MIX: Canby Bluegrass 1.0 Sheeps Fescue, Covar 2.0 Linn Perennial Rye 2.0 Blue Grama 2.0 Sideoats Grama 1.50 Prairie Sandreed 1.0 Gardner Saltbrush 1.50 Total 11 PLS # / AC \$63.00/AC (15 BULK LBS PER ACRE, BAGS = 45 LBS, USE 1 BAG EVERY 3 ACRES). 11 PLS#/ac @ \$63 per acre.	JULY, 3RD QUARTER 2010	1.a) THE SOIL AMENDMENT PROCESS SUMMARY FOR TRACTOR ACCESSIBLE AREAS INCLUDE:◦ CONTOUR AREA TO ORIGINAL STATE. ◦ DISC DISTURBED AREA ◦ SPREAD APPROPRIATE FERTILIZER IN DISCED AREA - (18-46-0 Fertilizer) 200LBS PER ACRE ◦ DRILL-SEED CAMECO APPROVED 2010C SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). ◦ BROADCAST STRAW OVER SEEDED AREA WITH HAYBUSTER UNIT. ◦ CRIMP STRAW MULCH INTO SEEDED AREA WITH WISHEK STRAWPRESS UNIT. 11 PLS#/ac @ \$63 per acre.	11 PLS#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	200LBS FERTILIZER (4 BAGS) & 6 ROUND BALES = \$391.88 COST PER ACRE	
	8) RESEED STOCKPILE NO. 61 - MU9, HH 9-3; 9-3 door.	WELLFIELD	INTERIM	1,514.91	0.03	NO	N/A	2010C SEED MIX: 5.6 PLS Western Wheatgrass, Rosanna 0.1 PLS Canby Bluegrass 0.3 PLS Sheeps Fescue, Covar 1.4 PLS Sand Bluestem 1.1 PLS Prairie Sandreed 0.02 PLS Gardner Saltbush 1.8 PLS Sideoats Grama; TOTAL = 10.32 PLS#/ac @ \$106 per acre.	MARCH, 1ST QUARTER 2011	1.a) THE SOIL AMENDMENT PROCESS SUMMARY FOR TRACTOR ACCESSIBLE AREAS INCLUDE:◦ CONTOUR AREA TO ORIGINAL STATE. ◦ DISC DISTURBED AREA ◦ SPREAD APPROPRIATE FERTILIZER IN DISCED AREA - (18-46-0 Fertilizer) 200LBS PER ACRE ◦ DRILL-SEED CAMECO APPROVED 2010C SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). ◦ BROADCAST STRAW OVER SEEDED AREA WITH HAYBUSTER UNIT. ◦ CRIMP STRAW MULCH INTO SEEDED AREA WITH WISHEK STRAWPRESS UNIT. 10.32 PLS#/ac @ \$106 per acre.	10.32 PLS#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	200LBS FERTILIZER (4 BAGS) & 6 ROUND BALES = \$391.88 COST PER ACRE	
	7) RESEED STOCKPILE NO. 62 - Mine Unit 9, HH 9-1 Area; next to road going from 9-2 from staging area.	WELLFIELD	INTERIM	3,436.90	0.08	NO	N/A	2010C SEED MIX: 5.6 PLS Western Wheatgrass, Rosanna 0.1 PLS Canby Bluegrass 0.3 PLS Sheeps Fescue, Covar 1.4 PLS Sand Bluestem 1.1 PLS Prairie Sandreed 0.02 PLS Gardner Saltbush 1.8 PLS Sideoats Grama; TOTAL = 10.32 PLS#/ac @ \$106 per acre.	FEBRUARY, 1ST QUARTER 2011	2.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR CULVERTS, DRAINAGE AREAS, AND SIMILAR AREAS NOT ACCESSIBLE BY A TRACTOR INCLUDE:◦ CONTOUR AREA WITH RAKE/SHOVEL TO ORIGINAL STATE. ◦ SPREAD APPROPRIATE FERTILIZER IN CONTOURED AREA. ◦ SEED AREA WITH HYDRO-SEEDING UNIT OR PORTABLE SEEDING UNIT (CAMECO APPROVED SEED MIX & 1 ANNUAL CROP - OATS). ◦ SPRAY OR RAKE SEED INTO DISTURBED AREA. ◦ INSTALL "EROSION BLANKETS," "WATTLES," OR "SEDIMENT STOP" OVER SEEDED AREA. AREA SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 10.32 PLS#/ac @ \$106 per acre, BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	10.32 PLS#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	FERTILIZER = \$91.88 COST PER ACRE; BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	
	3) RESEED STOCKPILE NO. 63 - MU9, HH 9-12; along main road b/w 9-12 and 9-13.	WELLFIELD	INTERIM	1,977.37	0.05	NO	N/A	2010C SEED MIX: 5.6 PLS Western Wheatgrass, Rosanna 0.1 PLS Canby Bluegrass 0.3 PLS Sheeps Fescue, Covar 1.4 PLS Sand Bluestem 1.1 PLS Prairie Sandreed 0.02 PLS Gardner Saltbush 1.8 PLS Sideoats Grama; TOTAL = 10.32 PLS#/ac @ \$106 per acre.	MARCH, 1ST QUARTER 2011	1.a) THE SOIL AMENDMENT PROCESS SUMMARY FOR TRACTOR ACCESSIBLE AREAS INCLUDE:◦ CONTOUR AREA TO ORIGINAL STATE. ◦ DISC DISTURBED AREA ◦ SPREAD APPROPRIATE FERTILIZER IN DISCED AREA - (18-46-0 Fertilizer) 200LBS PER ACRE ◦ DRILL-SEED CAMECO APPROVED 2010C SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). ◦ BROADCAST STRAW OVER SEEDED AREA WITH HAYBUSTER UNIT. ◦ CRIMP STRAW MULCH INTO SEEDED AREA WITH WISHEK STRAWPRESS UNIT. 10.32 PLS#/ac @ \$106 per acre.	10.32 PLS#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	200LBS FERTILIZER (4 BAGS) & 6 ROUND BALES = \$391.88 COST PER ACRE	
	4) RESEED STOCKPILE NO. 64 - MU9, HH 9-12; along main road by/w 9-11 and 9-12 border.	WELLFIELD	INTERIM	1,452.35	0.03	NO	N/A	2010C SEED MIX: 5.6 PLS Western Wheatgrass, Rosanna 0.1 PLS Canby Bluegrass 0.3 PLS Sheeps Fescue, Covar 1.4 PLS Sand Bluestem 1.1 PLS Prairie Sandreed 0.02 PLS Gardner Saltbush 1.8 PLS Sideoats Grama; TOTAL = 10.32 PLS#/ac @ \$106 per acre.	MARCH, 1ST QUARTER 2011	1.a) THE SOIL AMENDMENT PROCESS SUMMARY FOR TRACTOR ACCESSIBLE AREAS INCLUDE:◦ CONTOUR AREA TO ORIGINAL STATE. ◦ DISC DISTURBED AREA ◦ SPREAD APPROPRIATE FERTILIZER IN DISCED AREA - (18-46-0 Fertilizer) 200LBS PER ACRE ◦ DRILL-SEED CAMECO APPROVED 2010C SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). ◦ BROADCAST STRAW OVER SEEDED AREA WITH HAYBUSTER UNIT. ◦ CRIMP STRAW MULCH INTO SEEDED AREA WITH WISHEK STRAWPRESS UNIT. 10.32 PLS#/ac @ \$106 per acre.	10.32 PLS#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	200LBS FERTILIZER (4 BAGS) & 6 ROUND BALES = \$391.88 COST PER ACRE	

TABLE 4-1 INTERIM RECLAMATION
2010-2011 ANNUAL REPORT PERMIT 633

	MINE UNIT/LOCATION	TYPE OF DISTURBANCE (ROAD, WELLFIELD, SPILL AREA, ETC.)	RECLAMATION TYPE (INTERIM OR PERMANENT)	AREA SQ FT	MINE ACRES	TOPSOIL APPLICATION (YES/NO)	TOPSOIL APPLICATION DEPTH (INCHES = ")	TYPE OF SEED	SEEDING DATES	SEEDING PROCEDURE	RATE OF SEED APPLICATION	TYPE & RATE OF FERTILIZER	TYPE & RATE OF MULCH APPLIED	ACRES RECLAIMED IN 2010-11 BY MINE UNIT
SRHUP NO.6 DDW 633 PERMIT	5) RESEED STOCKPILE NO. 65 - MU9, HH 9-11; along main road as turning into headerhouse 9-11.	WELLFIELD	INTERIM	1,297.23	0.03	NO	N/A	2010C SEED MIX: 5.6 PLS Western Wheatgrass, Rosanna 0.1 PLS Canby Bluegrass 0.3 PLS Sheeps Fescue, Covar 1.4 PLS Sand Bluestem 1.1 PLS Prairie Sandreed 0.02 PLS Gardner Saltbush 1.8 PLS Sideoats Grama; TOTAL = 10.32 PLS#/ac @ \$106 per acre.	MARCH, 1ST QUARTER 2011	1.a) THE SOIL AMENDMENT PROCESS SUMMARY FOR TRACTOR ACCESSIBLE AREAS INCLUDE: o CONTOUR AREA TO ORIGINAL STATE. o DISC DISTURBED AREA o SPREAD APPROPRIATE FERTILIZER IN DISCED AREA - (18-46-O Fertilizer) 200LBS PER ACRE o DRILL-SEED CAMECO APPROVED 2010C SEED MIX & 1 ANNUAL CROP (OATS), (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). o BROADCAST STRAW OVER SEEDED AREA WITH HAYBUSTER UNIT. o CRIMP STRAW MULCH INTO SEEDED AREA WITH WISHEK STRAWPRESS UNIT. 10.32 PLS#/ac @ \$106 per acre.	10.32 PLS#/ac	Fertilizer (18-46-O Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	200LBS FERTILIZER (4 BAGS) & 6 ROUND BALES = \$391.88 COST PER ACRE	
	6) RESEED STOCKPILE NO. 66 - Mine Unit 9, HH 9-8; outside door of HH 9-8.	WELLFIELD	INTERIM	809.41	0.02	NO	N/A	2010C SEED MIX: 5.6 PLS Western Wheatgrass, Rosanna 0.1 PLS Canby Bluegrass 0.3 PLS Sheeps Fescue, Covar 1.4 PLS Sand Bluestem 1.1 PLS Prairie Sandreed 0.02 PLS Gardner Saltbush 1.8 PLS Sideoats Grama; TOTAL = 10.32 PLS#/ac @ \$106 per acre.	MARCH, 1ST QUARTER 2011	1.a) THE SOIL AMENDMENT PROCESS SUMMARY FOR TRACTOR ACCESSIBLE AREAS INCLUDE: o CONTOUR AREA TO ORIGINAL STATE. o DISC DISTURBED AREA o SPREAD APPROPRIATE FERTILIZER IN DISCED AREA - (18-46-O Fertilizer) 200LBS PER ACRE o DRILL-SEED CAMECO APPROVED 2010C SEED MIX & 1 ANNUAL CROP (OATS), (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). o BROADCAST STRAW OVER SEEDED AREA WITH HAYBUSTER UNIT. o CRIMP STRAW MULCH INTO SEEDED AREA WITH WISHEK STRAWPRESS UNIT. 10.32 PLS#/ac @ \$106 per acre.	10.32 PLS#/ac	Fertilizer (18-46-O Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	200LBS FERTILIZER (4 BAGS) & 6 ROUND BALES = \$391.88 COST PER ACRE	
	MINE UNIT 9 RECLAMATION TOTAL:													112.59
	SRHUP#6 DDW TOPSOIL PILE NO.69	WELLFIELD	INTERIM	15,486.00	0.36	NO	N/A	2010B SEED MIX: Western Wheatgrass, Rosana 2.47 Slender Wheatgrass 1.71 Linn Perennial Rye 1.23 Indian Ricegrass 1.23 Blue Grama 2.47 Little Bluestem 1.08 Gardner Saltbrush .31 Total 10.5 PLS # / AC \$48.00/AC (14 +/- BULK LBS PER ACRE, BAGS = 45 LBS, USE 1 BAG EVERY 3 ACRES). 10.5 PLS#/ac @ \$49 per acre.	SEPTEMBER; 3RD QUARTER 2010	1.a) THE SOIL AMENDMENT PROCESS SUMMARY FOR TRACTOR ACCESSIBLE AREAS INCLUDE: o CONTOUR AREA TO ORIGINAL STATE. o DISC DISTURBED AREA o SPREAD APPROPRIATE FERTILIZER IN DISCED AREA - (18-46-O Fertilizer) 200LBS PER ACRE o DRILL-SEED CAMECO APPROVED 2010C SEED MIX & 1 ANNUAL CROP (OATS), (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). o BROADCAST STRAW OVER SEEDED AREA WITH HAYBUSTER UNIT. o CRIMP STRAW MULCH INTO SEEDED AREA WITH WISHEK STRAWPRESS UNIT. 10.5 PLS#/ac @ \$49 per acre.	10.5 PLS#/ac	Fertilizer (18-46-O Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	200LBS FERTILIZER (4 BAGS) & 6 ROUND BALES = \$391.88 COST PER ACRE	
	SRHUP#6 DDW LOCATION	WELLFIELD	INTERIM	134,476.60	3.09	YES	6"	2010B SEED MIX: Western Wheatgrass, Rosana 2.47 Slender Wheatgrass 1.71 Linn Perennial Rye 1.23 Indian Ricegrass 1.23 Blue Grama 2.47 Little Bluestem 1.08 Gardner Saltbrush .31 Total 10.5 PLS # / AC \$48.00/AC (14 +/- BULK LBS PER ACRE, BAGS = 45 LBS, USE 1 BAG EVERY 3 ACRES). 10.5 PLS#/ac @ \$49 per acre.	SEPTEMBER; 3RD QUARTER 2010	1.a) THE SOIL AMENDMENT PROCESS SUMMARY FOR TRACTOR ACCESSIBLE AREAS INCLUDE: o CONTOUR AREA TO ORIGINAL STATE. o DISC DISTURBED AREA o SPREAD APPROPRIATE FERTILIZER IN DISCED AREA - (18-46-O Fertilizer) 200LBS PER ACRE o DRILL-SEED CAMECO APPROVED 2010C SEED MIX & 1 ANNUAL CROP (OATS), (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). o BROADCAST STRAW OVER SEEDED AREA WITH HAYBUSTER UNIT. o CRIMP STRAW MULCH INTO SEEDED AREA WITH WISHEK STRAWPRESS UNIT. 10.5 PLS#/ac @ \$49 per acre.	10.5 PLS#/ac	Fertilizer (18-46-O Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	200LBS FERTILIZER (4 BAGS) & 6 ROUND BALES = \$391.88 COST PER ACRE	
	SRHUP NO.6 DDW RECLAMATION TOTAL:													3.44
	TOPSOIL PILE #41 - OLD LOCATION	WELLFIELD	INTERIM	30,779.64	0.71	NO	N/A	2010B SEED MIX: Western Wheatgrass, Rosana 2.47 Slender Wheatgrass 1.71 Linn Perennial Rye 1.23 Indian Ricegrass 1.23 Blue Grama 2.47 Little Bluestem 1.08 Gardner Saltbrush .31 Total 10.5 PLS # / AC \$48.00/AC (14 +/- BULK LBS PER ACRE, BAGS = 45 LBS, USE 1 BAG EVERY 3 ACRES). 10.5 PLS#/ac @ \$49 per acre.	SEPTEMBER; 3RD QUARTER 2010	1.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR TRACTOR ACCESSIBLE AREAS INCLUDE: o CONTOUR AREA TO ORIGINAL STATE. o DISC DISTURBED AREA o SPREAD APPROPRIATE FERTILIZER IN DISCED AREA - (18-46-O Fertilizer) 200LBS PER ACRE o DRILL-SEED CAMECO APPROVED 2010C SEED MIX & 1 ANNUAL CROP (OATS), (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 10.5 PLS#/ac @ \$49 per acre.	10.5 PLS#/ac	Fertilizer (18-46-O Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	FERTILIZER ONLY = \$91.88 COST PER ACRE	
	TOPSOIL PILE #41 - SR2	FACILITY	INTERIM	14,470.00	0.33	NO	N/A	2010C SEED MIX: 5.6 PLS Western Wheatgrass, Rosanna 0.1 PLS Canby Bluegrass 0.3 PLS Sheeps Fescue, Covar 1.4 PLS Sand Bluestem 1.1 PLS Prairie Sandreed 0.02 PLS Gardner Saltbush 1.8 PLS Sideoats Grama; TOTAL = 10.32 PLS#/ac @ \$106 per acre.	MARCH, 1ST QUARTER 2011	1.a) THE SOIL AMENDMENT PROCESS SUMMARY FOR TRACTOR ACCESSIBLE AREAS INCLUDE: o CONTOUR AREA TO ORIGINAL STATE. o DISC DISTURBED AREA o SPREAD APPROPRIATE FERTILIZER IN DISCED AREA - (18-46-O Fertilizer) 200LBS PER ACRE o DRILL-SEED CAMECO APPROVED 2010C SEED MIX & 1 ANNUAL CROP (OATS), (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). o BROADCAST STRAW OVER SEEDED AREA WITH HAYBUSTER UNIT. o CRIMP STRAW MULCH INTO SEEDED AREA WITH WISHEK STRAWPRESS UNIT. 10.32 PLS#/ac @ \$106 per acre.	10.32 PLS#/ac	Fertilizer (18-46-O Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	200LBS FERTILIZER (4 BAGS) & 6 ROUND BALES = \$391.88 COST PER ACRE	
	10) RESEED STOCKPILE NO. 60 - SR2 & Mine Unit 10; SR2 water well on hill.	WELLFIELD	INTERIM	4,980.20	0.11	NO	N/A	2010C SEED MIX: 5.6 PLS Western Wheatgrass, Rosanna 0.1 PLS Canby Bluegrass 0.3 PLS Sheeps Fescue, Covar 1.4 PLS Sand Bluestem 1.1 PLS Prairie Sandreed 0.02 PLS Gardner Saltbush 1.8 PLS Sideoats Grama; TOTAL = 10.32 PLS#/ac @ \$106 per acre.	MARCH, 1ST QUARTER 2011	1.a) THE SOIL AMENDMENT PROCESS SUMMARY FOR TRACTOR ACCESSIBLE AREAS INCLUDE: o CONTOUR AREA TO ORIGINAL STATE. o DISC DISTURBED AREA o SPREAD APPROPRIATE FERTILIZER IN DISCED AREA - (18-46-O Fertilizer) 200LBS PER ACRE o DRILL-SEED CAMECO APPROVED 2010C SEED MIX & 1 ANNUAL CROP (OATS), (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). o BROADCAST STRAW OVER SEEDED AREA WITH HAYBUSTER UNIT. o CRIMP STRAW MULCH INTO SEEDED AREA WITH WISHEK STRAWPRESS UNIT. 10.32 PLS#/ac @ \$106 per acre.	10.32 PLS#/ac	Fertilizer (18-46-O Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	200LBS FERTILIZER (4 BAGS) & 6 ROUND BALES = \$391.88 COST PER ACRE	
	MINE UNIT 10 RECLAMATION TOTAL:													1.15

TABLE 4-1 INTERIM RECLAMATION
2010-2011 ANNUAL REPORT PERMIT 633

	MINE UNIT/LOCATION	TYPE OF DISTURBANCE (ROAD, WELLFIELD, SPILL AREA, ETC.)	RECLAMATION TYPE (INTERIM OR PERMANENT)	AREA SQ FT	MINE ACRES	TOPSOIL APPLICATION (YES/NO)	TOPSOIL APPLICATION DEPTH (INCHES = ")	TYPE OF SEED	SEEDING DATES	SEEDING PROCEDURE	RATE OF SEED APPLICATION	TYPE & RATE OF FERTILIZER	TYPE & RATE OF MULCH APPLIED	ACRES RECLAIMED IN 2010-11 BY MINE UNIT
ROAD - 633 PERMIT	SR2 SHOULDER NORTH AREA-3; SR2 ROAD NORTH SHOULDER AREA 4	ROAD	INTERIM	386,124.14	8.86	NO	N/A	2011A SEED MIX: PLS#/ac: Canby Bluegrass - 2, Linn Perennial Rye - 3, Prairie June Grass - 2, Blue Grama - 1, Sideoats Grama - 1, Little Bluestem - 1, Gardner Saltbrush - 1. Total = 11Pls#/ac, Bulk 15Lbs per acre bag 1 @ \$105 PER ACRE.	MAY; 2ND QUARTER 2011	2.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR CULVERTS, DRAINAGE AREAS, AND SIMILAR AREAS NOT ACCESSIBLE BY A TRACTOR INCLUDE: o CONTOUR AREA WITH RAKE/SHOVEL TO ORIGINAL STATE. o SPREAD APPROPRIATE FERTILIZER IN CONTOURED AREA. o SEED AREA WITH HYDRO-SEEDING UNIT OR PORTABLE SEEDING UNIT (CAMECO APPROVED SEED MIX & 1 ANNUAL CROP - OATS). o SPRAY OR RAKE SEED INTO DISTURBED AREA. o INSTALL "EROSION BLANKETS," "WATTLES", OR "SEDIMENT STOP" OVER SEEDED AREA. SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 11 Pls#/ac @ \$105 per acre, BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	11 Pls#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	FERTILIZER = \$91.88 COST PER ACRE; BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	
	SR2 ROAD SHOULDER SOUTH AREA-1; SR2 ROAD CLOSURE AREA (EAST OF THE 15 PAD); SR2 ROAD SOUTH AREA-2; SR2 SHOULDER SOUTH AREA-6; SR2 DRAINAGE CHANNEL AREA-7	ROAD	INTERIM	335,293.11	7.70	NO	N/A	2011A SEED MIX: PLS#/ac: Canby Bluegrass - 2, Linn Perennial Rye - 3, Prairie June Grass - 2, Blue Grama - 1, Sideoats Grama - 1, Little Bluestem - 1, Gardner Saltbrush - 1. Total = 11Pls#/ac, Bulk 15Lbs per acre bag 1 @ \$105 PER ACRE.	MAY; 2ND QUARTER 2011	2.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR CULVERTS, DRAINAGE AREAS, AND SIMILAR AREAS NOT ACCESSIBLE BY A TRACTOR INCLUDE: o CONTOUR AREA WITH RAKE/SHOVEL TO ORIGINAL STATE. o SPREAD APPROPRIATE FERTILIZER IN CONTOURED AREA. o SEED AREA WITH HYDRO-SEEDING UNIT OR PORTABLE SEEDING UNIT (CAMECO APPROVED SEED MIX & 1 ANNUAL CROP - OATS). o SPRAY OR RAKE SEED INTO DISTURBED AREA. o INSTALL "EROSION BLANKETS," "WATTLES", OR "SEDIMENT STOP" OVER SEEDED AREA. SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 11 Pls#/ac @ \$105 per acre, BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	11 Pls#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	FERTILIZER = \$91.88 COST PER ACRE; BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	
	TOPSOIL PILE #30 - EXPANDED AREA: Stockpile volume :	ROAD	INTERIM	17,475.80	0.40	NO	N/A	2011A SEED MIX: PLS#/ac: Canby Bluegrass - 2, Linn Perennial Rye - 3, Prairie June Grass - 2, Blue Grama - 1, Sideoats Grama - 1, Little Bluestem - 1, Gardner Saltbrush - 1. Total = 11Pls#/ac, Bulk 15Lbs per acre bag 1 @ \$105 PER ACRE.	MAY; 2ND QUARTER 2011	2.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR CULVERTS, DRAINAGE AREAS, AND SIMILAR AREAS NOT ACCESSIBLE BY A TRACTOR INCLUDE: o CONTOUR AREA WITH RAKE/SHOVEL TO ORIGINAL STATE. o SPREAD APPROPRIATE FERTILIZER IN CONTOURED AREA. o SEED AREA WITH HYDRO-SEEDING UNIT OR PORTABLE SEEDING UNIT (CAMECO APPROVED SEED MIX & 1 ANNUAL CROP - OATS). o SPRAY OR RAKE SEED INTO DISTURBED AREA. o INSTALL "EROSION BLANKETS," "WATTLES", OR "SEDIMENT STOP" OVER SEEDED AREA. SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 11 Pls#/ac @ \$105 per acre, BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	11 Pls#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	FERTILIZER = \$91.88 COST PER ACRE; BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	
	SR2 ROAD - EXTENDED TOPSOIL PILE	ROAD	INTERIM	33,137.30	0.76	NO	N/A	2011A SEED MIX: PLS#/ac: Canby Bluegrass - 2, Linn Perennial Rye - 3, Prairie June Grass - 2, Blue Grama - 1, Sideoats Grama - 1, Little Bluestem - 1, Gardner Saltbrush - 1. Total = 11Pls#/ac, Bulk 15Lbs per acre bag 1 @ \$105 PER ACRE.	MAY; 2ND QUARTER 2011	2.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR CULVERTS, DRAINAGE AREAS, AND SIMILAR AREAS NOT ACCESSIBLE BY A TRACTOR INCLUDE: o CONTOUR AREA WITH RAKE/SHOVEL TO ORIGINAL STATE. o SPREAD APPROPRIATE FERTILIZER IN CONTOURED AREA. o SEED AREA WITH HYDRO-SEEDING UNIT OR PORTABLE SEEDING UNIT (CAMECO APPROVED SEED MIX & 1 ANNUAL CROP - OATS). o SPRAY OR RAKE SEED INTO DISTURBED AREA. o INSTALL "EROSION BLANKETS," "WATTLES", OR "SEDIMENT STOP" OVER SEEDED AREA. SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 11 Pls#/ac @ \$105 per acre, BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	11 Pls#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	FERTILIZER = \$91.88 COST PER ACRE; BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	
	SR2 SHOULDER SOUTH AREA-4	ROAD	INTERIM	29,136.97	0.67	NO	N/A	2011A SEED MIX: PLS#/ac: Canby Bluegrass - 2, Linn Perennial Rye - 3, Prairie June Grass - 2, Blue Grama - 1, Sideoats Grama - 1, Little Bluestem - 1, Gardner Saltbrush - 1. Total = 11Pls#/ac, Bulk 15Lbs per acre bag 1 @ \$105 PER ACRE.	MAY; 2ND QUARTER 2011	2.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR CULVERTS, DRAINAGE AREAS, AND SIMILAR AREAS NOT ACCESSIBLE BY A TRACTOR INCLUDE: o CONTOUR AREA WITH RAKE/SHOVEL TO ORIGINAL STATE. o SPREAD APPROPRIATE FERTILIZER IN CONTOURED AREA. o SEED AREA WITH HYDRO-SEEDING UNIT OR PORTABLE SEEDING UNIT (CAMECO APPROVED SEED MIX & 1 ANNUAL CROP - OATS). o SPRAY OR RAKE SEED INTO DISTURBED AREA. o INSTALL "EROSION BLANKETS," "WATTLES", OR "SEDIMENT STOP" OVER SEEDED AREA. SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 11 Pls#/ac @ \$105 per acre, BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	11 Pls#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	FERTILIZER = \$91.88 COST PER ACRE; BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	
SR2 ROAD RECLAMATION TOTAL:														18.39
MINE UNIT 15 - 633 PERMIT	MU-15 MONITOR WELL ROAD AREA, Mine Unit 15	WELLFIELD	INTERIM	43,496.83	1.00	NO	N/A	2010C SEED MIX: 5.6 PLS Western Wheatgrass, Rosanna 0.1 PLS Canby Bluegrass 0.3 PLS Sheeps Fescue, Covar 1.4 PLS Sand Bluestem 1.1 PLS Prairie Sandreed 0.02 PLS Gardner Saltbush 1.8 PLS Sideoats Grama; TOTAL = 10.32 Pls#/ac @ \$106 per acre.	NOVEMBER; 4TH QUARTER 2010	1.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR TRACTOR ACCESSIBLE AREAS INCLUDE: o CONTOUR AREA TO ORIGINAL STATE. o DISC DISTURBED AREA o SPREAD APPROPRIATE FERTILIZER IN DISCED AREA - (18-46-0 Fertilizer) 200LBS PER ACRE o DRILL-SEED CAMECO APPROVED 2010C SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 10.32 Pls#/ac @ \$106 per acre.	10.32 Pls#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	FERTILIZER ONLY = \$91.88 COST PER ACRE	
	MU-15 PRODUCTION PIPELINE SPILL AREA, HH 15-12; Mine Unit 15	WELLFIELD	INTERIM	22,598.82	0.52	NO	N/A	2010C SEED MIX: 5.6 PLS Western Wheatgrass, Rosanna 0.1 PLS Canby Bluegrass 0.3 PLS Sheeps Fescue, Covar 1.4 PLS Sand Bluestem 1.1 PLS Prairie Sandreed 0.02 PLS Gardner Saltbush 1.8 PLS Sideoats Grama; TOTAL = 10.32 Pls#/ac @ \$106 per acre.	OCTOBER; 4TH QUARTER 2010	2.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR CULVERTS, DRAINAGE AREAS, AND SIMILAR AREAS NOT ACCESSIBLE BY A TRACTOR INCLUDE: o CONTOUR AREA WITH RAKE/SHOVEL TO ORIGINAL STATE. o SPREAD APPROPRIATE FERTILIZER IN CONTOURED AREA. o SEED AREA WITH HYDRO-SEEDING UNIT OR PORTABLE SEEDING UNIT (CAMECO APPROVED SEED MIX & 1 ANNUAL CROP - OATS). o SPRAY OR RAKE SEED INTO DISTURBED AREA. o INSTALL "EROSION BLANKETS," "WATTLES", OR "SEDIMENT STOP" OVER SEEDED AREA. SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 10.32 Pls#/ac @ \$106 per acre, BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	10.32 Pls#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	FERTILIZER = \$91.88 COST PER ACRE; BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	
	MINE UNIT 15 RECLAMATION TOTAL:													1.52
	SR2 ROAD MU-15A BELL HOLE AREA; Mine Unit 15 (BELL HOLE AREA)	WELLFIELD	INTERIM	21,969.97	0.50	NO	N/A	2011A SEED MIX: PLS#/ac: Canby Bluegrass - 2, Linn Perennial Rye - 3, Prairie June Grass - 2, Blue Grama - 1, Sideoats Grama - 1, Little Bluestem - 1, Gardner Saltbrush - 1. Total = 11Pls#/ac, Bulk 15Lbs per acre bag 1 @ \$105 PER ACRE.	MAY; 2ND QUARTER 2011	1.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR TRACTOR ACCESSIBLE AREAS INCLUDE: o CONTOUR AREA TO ORIGINAL STATE. o DISC DISTURBED AREA o SPREAD APPROPRIATE FERTILIZER IN DISCED AREA - (18-46-0 Fertilizer) 200LBS PER ACRE o DRILL-SEED CAMECO APPROVED 2010C SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 11 Pls#/ac @ \$105 per acre.	11 Pls#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	FERTILIZER ONLY = \$91.88 COST PER ACRE	

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2010-2011 ANNUAL REPORT PERMIT 633

MINE UNIT/LOCATION	TYPE OF DISTURBANCE (ROAD, WELLFIELD, SPILL AREA, ETC.)	RECLAMATION TYPE (INTERIM OR PERMANENT)	AREA SQ FT	MINE ACRES	TOPSOIL APPLICATION (YES/NO)	TOPSOIL APPLICATION DEPTH (INCHES = ")	TYPE OF SEED	SEEDING DATES	SEEDING PROCEDURE	RATE OF SEED APPLICATION	TYPE & RATE OF FERTILIZER	TYPE & RATE OF MULCH APPLIED	ACRES RECLAIMED IN 2010-11 BY MINE UNIT
MINE UNIT 15A CLOSED ROAD AREA	WELLFIELD	INTERIM	42,463.84	0.97	NO	N/A	2010C SEED MIX: 5.6 PLS Western Wheatgrass, Rosanna 0.1 PLS Canby Bluegrass 0.3 PLS Sheeps Fescue, Covar 1.4 PLS Sand Bluestem 1.1 PLS Prairie Sandreed 0.02 PLS Gardner Saltbush 1.8 PLS Sideoats Grama; TOTAL = 10.32 PLS/ac @ \$106 per acre.	NOVEMBER, 4TH QUARTER 2010	1.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR TRACTOR ACCESSIBLE AREAS INCLUDE: o CONTOUR AREA TO ORIGINAL STATE. o DISC DISTURBED AREA o SPREAD APPROPRIATE FERTILIZER IN DISCED AREA - (18-46-0 Fertilizer) 200LBS PER ACRE o DRILL-SEED CAMECO APPROVED 2010C SEED MIX & 1 ANNUAL CROP (OATS), (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 10.32 PLS/ac @ \$106 per acre.	10.32 PLS/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	FERTILIZER ONLY = \$91.88 COST PER ACRE	
MU-15A, TRAIL ROAD RECLAMATION	WELLFIELD	INTERIM	59,558.07	1.37	NO	N/A	2010C SEED MIX: 5.6 PLS Western Wheatgrass, Rosanna 0.1 PLS Canby Bluegrass 0.3 PLS Sheeps Fescue, Covar 1.4 PLS Sand Bluestem 1.1 PLS Prairie Sandreed 0.02 PLS Gardner Saltbush 1.8 PLS Sideoats Grama; TOTAL = 10.32 PLS/ac @ \$106 per acre.	NOVEMBER, 4TH QUARTER 2010	1.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR TRACTOR ACCESSIBLE AREAS INCLUDE: o CONTOUR AREA TO ORIGINAL STATE. o DISC DISTURBED AREA o SPREAD APPROPRIATE FERTILIZER IN DISCED AREA - (18-46-0 Fertilizer) 200LBS PER ACRE o DRILL-SEED CAMECO APPROVED 2010C SEED MIX & 1 ANNUAL CROP (OATS), (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 10.32 PLS/ac @ \$106 per acre.	10.32 PLS/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	200LBS FERTILIZER (4 BAGS) & 6 ROUND BALES = \$391.88 COST PER ACRE	
MU-15A, HH15-19 TO 15-23	WELLFIELD	INTERIM	1,918,806.18	44.05	NO	N/A	2011A SEED MIX: PLS/ac: Canby Bluegrass - 2, Uinn Perennial Rye - 3, Prairie June Grass - 2, Blue Grama - 1, Sideoats Grama - 1, Little Bluestem - 1, Gardner Saltbrush - 1. Total = 11 PLS/ac, Bulk 15Lbs per acre bag 1 @ \$105 PER ACRE.	APRIL, 2ND QUARTER 2011	1.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR TRACTOR ACCESSIBLE AREAS INCLUDE: o CONTOUR AREA TO ORIGINAL STATE. o DISC DISTURBED AREA o SPREAD APPROPRIATE FERTILIZER IN DISCED AREA - (18-46-0 Fertilizer) 200LBS PER ACRE o DRILL-SEED CAMECO APPROVED 2010C SEED MIX & 1 ANNUAL CROP (OATS), (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 11 PLS/ac @ \$105 per acre.	11 PLS/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	FERTILIZER ONLY = \$91.88 COST PER ACRE	
NEW TOPSOIL PILE NO.72 (ADDED 2010)	WELLFIELD	INTERIM	932.20	0.02	NO	N/A	2010C SEED MIX: 5.6 PLS Western Wheatgrass, Rosanna 0.1 PLS Canby Bluegrass 0.3 PLS Sheeps Fescue, Covar 1.4 PLS Sand Bluestem 1.1 PLS Prairie Sandreed 0.02 PLS Gardner Saltbush 1.8 PLS Sideoats Grama; TOTAL = 10.32 PLS/ac @ \$106 per acre.	NOVEMBER, 4TH QUARTER 2010	2.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR CULVERTS, DRAINAGE AREAS, AND SIMILAR AREAS NOT ACCESSIBLE BY A TRACTOR INCLUDE: o CONTOUR AREA WITH RAKE/SHOVEL TO ORIGINAL STATE. o SPREAD APPROPRIATE FERTILIZER IN CONTOURED AREA. o SEED AREA WITH HYDRO-SEEDING UNIT OR PORTABLE SEEDING UNIT (CAMECO APPROVED SEED MIX & 1 ANNUAL CROP - OATS). o SPRAY OR RAKE SEED INTO DISTURBED AREA. o INSTALL "EROSION BLANKETS," "WATTLES", OR "SEDIMENT STOP" OVER SEEDED AREA. SEED MIX & 1 ANNUAL CROP (OATS), (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 10.32 PLS/ac @ \$106 per acre, BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	10.32 PLS/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	FERTILIZER = \$91.88 COST PER ACRE; BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	
NEW TOPSOIL PILE NO.73 (ADDED 2010)	WELLFIELD	INTERIM	5,692.10	0.13	NO	N/A	2010C SEED MIX: 5.6 PLS Western Wheatgrass, Rosanna 0.1 PLS Canby Bluegrass 0.3 PLS Sheeps Fescue, Covar 1.4 PLS Sand Bluestem 1.1 PLS Prairie Sandreed 0.02 PLS Gardner Saltbush 1.8 PLS Sideoats Grama; TOTAL = 10.32 PLS/ac @ \$106 per acre.	NOVEMBER, 4TH QUARTER 2010	2.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR CULVERTS, DRAINAGE AREAS, AND SIMILAR AREAS NOT ACCESSIBLE BY A TRACTOR INCLUDE: o CONTOUR AREA WITH RAKE/SHOVEL TO ORIGINAL STATE. o SPREAD APPROPRIATE FERTILIZER IN CONTOURED AREA. o SEED AREA WITH HYDRO-SEEDING UNIT OR PORTABLE SEEDING UNIT (CAMECO APPROVED SEED MIX & 1 ANNUAL CROP - OATS). o SPRAY OR RAKE SEED INTO DISTURBED AREA. o INSTALL "EROSION BLANKETS," "WATTLES", OR "SEDIMENT STOP" OVER SEEDED AREA. SEED MIX & 1 ANNUAL CROP (OATS), (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 10.32 PLS/ac @ \$106 per acre, BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	10.32 PLS/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	FERTILIZER = \$91.88 COST PER ACRE; BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	
NEW TOPSOIL PILE NO.74 (ADDED 2010)	WELLFIELD	INTERIM	3,433.80	0.08	NO	N/A	2010C SEED MIX: 5.6 PLS Western Wheatgrass, Rosanna 0.1 PLS Canby Bluegrass 0.3 PLS Sheeps Fescue, Covar 1.4 PLS Sand Bluestem 1.1 PLS Prairie Sandreed 0.02 PLS Gardner Saltbush 1.8 PLS Sideoats Grama; TOTAL = 10.32 PLS/ac @ \$106 per acre.	NOVEMBER, 4TH QUARTER 2010	2.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR CULVERTS, DRAINAGE AREAS, AND SIMILAR AREAS NOT ACCESSIBLE BY A TRACTOR INCLUDE: o CONTOUR AREA WITH RAKE/SHOVEL TO ORIGINAL STATE. o SPREAD APPROPRIATE FERTILIZER IN CONTOURED AREA. o SEED AREA WITH HYDRO-SEEDING UNIT OR PORTABLE SEEDING UNIT (CAMECO APPROVED SEED MIX & 1 ANNUAL CROP - OATS). o SPRAY OR RAKE SEED INTO DISTURBED AREA. o INSTALL "EROSION BLANKETS," "WATTLES", OR "SEDIMENT STOP" OVER SEEDED AREA. SEED MIX & 1 ANNUAL CROP (OATS), (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 10.32 PLS/ac @ \$106 per acre, BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	10.32 PLS/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	FERTILIZER = \$91.88 COST PER ACRE; BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	
11) RESEED STOCKPILE NO. 59 - MINE UNIT 15; Mine unit 15 (HH 15-17 area); pond laydown area.	WELLFIELD	INTERIM	404.55	0.01	NO	N/A	2010C SEED MIX: 5.6 PLS Western Wheatgrass, Rosanna 0.1 PLS Canby Bluegrass 0.3 PLS Sheeps Fescue, Covar 1.4 PLS Sand Bluestem 1.1 PLS Prairie Sandreed 0.02 PLS Gardner Saltbush 1.8 PLS Sideoats Grama; TOTAL = 10.32 PLS/ac @ \$106 per acre.	MARCH, 1ST QUARTER 2011	1.a) THE SOIL AMENDMENT PROCESS SUMMARY FOR TRACTOR ACCESSIBLE AREAS INCLUDE: o CONTOUR AREA TO ORIGINAL STATE. o DISC DISTURBED AREA o SPREAD APPROPRIATE FERTILIZER IN DISCED AREA - (18-46-0 Fertilizer) 200LBS PER ACRE o DRILL-SEED CAMECO APPROVED 2010C SEED MIX & 1 ANNUAL CROP (OATS), (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). o BROADCAST STRAW OVER SEEDED AREA WITH HAYBUSTER UNIT. o CRIMP STRAW MULCH INTO SEEDED AREA WITH WISHEK STRAWPRESS UNIT. 10.32 PLS/ac @ \$106 per acre.	10.32 PLS/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	200LBS FERTILIZER (4 BAGS) & 6 ROUND BALES = \$391.88 COST PER ACRE	
MINE UNIT 15A RECLAMATION TOTAL:													47.14
SRHUP#10 DDW LOCATION	WELLFIELD	INTERIM	152,874.88	3.51	YES	6"	2010C SEED MIX: 5.6 PLS Western Wheatgrass, Rosanna 0.1 PLS Canby Bluegrass 0.3 PLS Sheeps Fescue, Covar 1.4 PLS Sand Bluestem 1.1 PLS Prairie Sandreed 0.02 PLS Gardner Saltbush 1.8 PLS Sideoats Grama; TOTAL = 10.32 PLS/ac @ \$106 per acre.	OCTOBER, 4th QUARTER 2010	1.a) THE SOIL AMENDMENT PROCESS SUMMARY FOR TRACTOR ACCESSIBLE AREAS INCLUDE: o CONTOUR AREA TO ORIGINAL STATE. o DISC DISTURBED AREA o SPREAD APPROPRIATE FERTILIZER IN DISCED AREA - (18-46-0 Fertilizer) 200LBS PER ACRE o DRILL-SEED CAMECO APPROVED 2010C SEED MIX & 1 ANNUAL CROP (OATS), (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). o BROADCAST STRAW OVER SEEDED AREA WITH HAYBUSTER UNIT. o CRIMP STRAW MULCH INTO SEEDED AREA WITH WISHEK STRAWPRESS UNIT. 10.32 PLS/ac @ \$106 per acre.	10.32 PLS/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	200LBS FERTILIZER (4 BAGS) & 6 ROUND BALES = \$391.88 COST PER ACRE	

TABLE 4-1 INTERIM RECLAMATION
2010-2011 ANNUAL REPORT PERMIT 633

SRHUP NO.10 DDW - 633 PERMIT	MINE UNIT/LOCATION	TYPE OF DISTURBANCE (ROAD, WELLFIELD, SPILL AREA, ETC.)	RECLAMATION TYPE (INTERIM OR PERMANENT)	AREA SQ FT	MINE ACRES	TOPSOIL APPLICATION (YES/NO)	TOPSOIL APPLICATION DEPTH (INCHES = ")	TYPE OF SEED	SEEDING DATES	SEEDING PROCEDURE	RATE OF SEED APPLICATION	TYPE & RATE OF FERTILIZER	TYPE & RATE OF MULCH APPLIED	ACRES RECLAIMED IN 2010-11 BY MINE UNIT
SRHUP NO.10 DDW - 633 PERMIT	SRHUP#10 DDW/MU4 TOPSOIL PILE NO.70; INFRASTRUCTURE ROUTE	WELLFIELD	INTERIM	6,197.90	0.14	NO	N/A	2010C SEED MIX: 5.6 PLS Western Wheatgrass, Rosanna 0.1 PLS Canby Bluegrass 0.3 PLS Sheeps Fescue, Covar 1.4 PLS Sand Bluestem 1.1 PLS Prairie Sandreed 0.02 PLS Gardner Saltbush 1.8 PLS Sideoats Grama; TOTAL = 10.32 PLS/ac @ \$106 per acre.	OCTOBER, 4th QUARTER 2010	2.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR CULVERTS, DRAINAGE AREAS, AND SIMILAR AREAS NOT ACCESSIBLE BY A TRACTOR INCLUDE: o CONTOUR AREA WITH RAKE/SHOVEL TO ORIGINAL STATE. o SPREAD APPROPRIATE FERTILIZER IN CONTOURED AREA. o SEED AREA WITH HYDRO-SEEDING UNIT OR PORTABLE SEEDING UNIT (CAMECO APPROVED SEED MIX & 1 ANNUAL CROP - OATS). o SPRAY OR RAKE SEED INTO DISTURBED AREA. o INSTALL "EROSION BLANKETS," "WATTLES," OR "SEDIMENT STOP" OVER SEED AREA. SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 10.32 PLS/ac @ \$106 per acre, BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	10.32 PLS/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	FERTILIZER = \$91.88 COST PER ACRE; BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	
	2) SRHUP NO.10 DDW TOPSOIL PILE NO.68; COMPLETED RESEEDING WITH HYDRO-SEEDER ON 10/27/2010 (INCLUDING ACCESS ROAD & STAGING PAD).	WELLFIELD	INTERIM	10,347.70	0.24	NO	N/A	2010C SEED MIX: 5.6 PLS Western Wheatgrass, Rosanna 0.1 PLS Canby Bluegrass 0.3 PLS Sheeps Fescue, Covar 1.4 PLS Sand Bluestem 1.1 PLS Prairie Sandreed 0.02 PLS Gardner Saltbush 1.8 PLS Sideoats Grama; TOTAL = 10.32 PLS/ac @ \$106 per acre.	OCTOBER, 4TH QUARTER 2010	2.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR CULVERTS, DRAINAGE AREAS, AND SIMILAR AREAS NOT ACCESSIBLE BY A TRACTOR INCLUDE: o CONTOUR AREA WITH RAKE/SHOVEL TO ORIGINAL STATE. o SPREAD APPROPRIATE FERTILIZER IN CONTOURED AREA. o SEED AREA WITH HYDRO-SEEDING UNIT OR PORTABLE SEEDING UNIT (CAMECO APPROVED SEED MIX & 1 ANNUAL CROP - OATS). o SPRAY OR RAKE SEED INTO DISTURBED AREA. o INSTALL "EROSION BLANKETS," "WATTLES," OR "SEDIMENT STOP" OVER SEED AREA. SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 10.32 PLS/ac @ \$106 per acre, BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	10.32 PLS/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	FERTILIZER = \$91.88 COST PER ACRE; BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	
SRHUP NO.10 DDW RECLAMATION TOTAL:														3.89
MINE UNIT 4 - PERMIT	SRHUP#10 DDW INFRASTRUCTURE (PIPE LINE & FIBER)	WELLFIELD	INTERIM	96,031.61	2.20	NO	N/A	2010C SEED MIX: 5.6 PLS Western Wheatgrass, Rosanna 0.1 PLS Canby Bluegrass 0.3 PLS Sheeps Fescue, Covar 1.4 PLS Sand Bluestem 1.1 PLS Prairie Sandreed 0.02 PLS Gardner Saltbush 1.8 PLS Sideoats Grama; TOTAL = 10.32 PLS/ac @ \$106 per acre.	OCTOBER, 4th QUARTER 2010	2.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR CULVERTS, DRAINAGE AREAS, AND SIMILAR AREAS NOT ACCESSIBLE BY A TRACTOR INCLUDE: o CONTOUR AREA WITH RAKE/SHOVEL TO ORIGINAL STATE. o SPREAD APPROPRIATE FERTILIZER IN CONTOURED AREA. o SEED AREA WITH HYDRO-SEEDING UNIT OR PORTABLE SEEDING UNIT (CAMECO APPROVED SEED MIX & 1 ANNUAL CROP - OATS). o SPRAY OR RAKE SEED INTO DISTURBED AREA. o INSTALL "EROSION BLANKETS," "WATTLES," OR "SEDIMENT STOP" OVER SEED AREA. SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 10.32 PLS/ac @ \$106 per acre, BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	10.32 PLS/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	FERTILIZER = \$91.88 COST PER ACRE; BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	
	SRHUP#10 DDW FIBER ROUTE	WELLFIELD	INTERIM	25,745.08	0.59	NO	N/A	2010C SEED MIX: 5.6 PLS Western Wheatgrass, Rosanna 0.1 PLS Canby Bluegrass 0.3 PLS Sheeps Fescue, Covar 1.4 PLS Sand Bluestem 1.1 PLS Prairie Sandreed 0.02 PLS Gardner Saltbush 1.8 PLS Sideoats Grama; TOTAL = 10.32 PLS/ac @ \$106 per acre.	OCTOBER, 4th QUARTER 2010	2.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR CULVERTS, DRAINAGE AREAS, AND SIMILAR AREAS NOT ACCESSIBLE BY A TRACTOR INCLUDE: o CONTOUR AREA WITH RAKE/SHOVEL TO ORIGINAL STATE. o SPREAD APPROPRIATE FERTILIZER IN CONTOURED AREA. o SEED AREA WITH HYDRO-SEEDING UNIT OR PORTABLE SEEDING UNIT (CAMECO APPROVED SEED MIX & 1 ANNUAL CROP - OATS). o SPRAY OR RAKE SEED INTO DISTURBED AREA. o INSTALL "EROSION BLANKETS," "WATTLES," OR "SEDIMENT STOP" OVER SEED AREA. SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 10.32 PLS/ac @ \$106 per acre, BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	10.32 PLS/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	FERTILIZER = \$91.88 COST PER ACRE; BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	
MINE UNIT 4 RECLAMATION TOTAL:														2.80
	MINE UNIT 2 BELL HOLE AREA	WELLFIELD	INTERIM	60,555.74	1.39	NO	N/A	2010B SEED MIX: Western Wheatgrass, Rosana 2.47 Slender Wheatgrass 1.71 Linn Perennial Rye 1.23 Indian Ricegrass 1.23 Blue Grama 2.47 Little Bluestem 1.08 Gardner Saltbrush .31 Total 10.5 PLS # / AC \$48.00/AC (14 +/- BULK LBS PER ACRE, BAGS = 45 LBS, USE 1 BAG EVERY 3 ACRES). 10.5 PLS/ac @ \$49 per acre.	OCTOBER, 4th QUARTER 2010	1.a) THE SOIL AMENDMENT PROCESS SUMMARY FOR TRACTOR ACCESSIBLE AREAS INCLUDE: o CONTOUR AREA TO ORIGINAL STATE. o DISC DISTURBED AREA o SPREAD APPROPRIATE FERTILIZER IN DISCED AREA - (18-46-0 Fertilizer) 200LBS PER ACRE o DRILL-SEED CAMECO APPROVED 2010C SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). o BROADCAST STRAW OVER SEED AREA WITH HAYBUSTER UNIT. o CRIMP STRAW MULCH INTO SEED AREA WITH WISHEK STRAWPRESS UNIT. 10.5 PLS/ac @ \$49 per acre.	10.5 PLS/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	200LBS FERTILIZER (4 BAGS) & 6 ROUND BALES = \$391.88 COST PER ACRE	
	MINE UNIT 3 ACCESS ROAD AREA-1	ROAD	INTERIM	1,968.45	0.05	NO	N/A	2010B SEED MIX: Western Wheatgrass, Rosana 2.47 Slender Wheatgrass 1.71 Linn Perennial Rye 1.23 Indian Ricegrass 1.23 Blue Grama 2.47 Little Bluestem 1.08 Gardner Saltbrush .31 Total 10.5 PLS # / AC \$48.00/AC (14 +/- BULK LBS PER ACRE, BAGS = 45 LBS, USE 1 BAG EVERY 3 ACRES). 10.5 PLS/ac @ \$49 per acre.	OCTOBER, 4th QUARTER 2010	2.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR CULVERTS, DRAINAGE AREAS, AND SIMILAR AREAS NOT ACCESSIBLE BY A TRACTOR INCLUDE: o CONTOUR AREA WITH RAKE/SHOVEL TO ORIGINAL STATE. o SPREAD APPROPRIATE FERTILIZER IN CONTOURED AREA. o SEED AREA WITH HYDRO-SEEDING UNIT OR PORTABLE SEEDING UNIT (CAMECO APPROVED SEED MIX & 1 ANNUAL CROP - OATS). o SPRAY OR RAKE SEED INTO DISTURBED AREA. o INSTALL "EROSION BLANKETS," "WATTLES," OR "SEDIMENT STOP" OVER SEED AREA. SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 10.5 PLS/ac @ \$49 per acre, BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	10.5 PLS/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	FERTILIZER = \$91.88 COST PER ACRE; BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	
	MINE UNIT 3 ACCESS ROAD AREA-2	ROAD	INTERIM	2,293.24	0.05	NO	N/A	2010B SEED MIX: Western Wheatgrass, Rosana 2.47 Slender Wheatgrass 1.71 Linn Perennial Rye 1.23 Indian Ricegrass 1.23 Blue Grama 2.47 Little Bluestem 1.08 Gardner Saltbrush .31 Total 10.5 PLS # / AC \$48.00/AC (14 +/- BULK LBS PER ACRE, BAGS = 45 LBS, USE 1 BAG EVERY 3 ACRES). 10.5 PLS/ac @ \$49 per acre.	OCTOBER, 4th QUARTER 2010	2.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR CULVERTS, DRAINAGE AREAS, AND SIMILAR AREAS NOT ACCESSIBLE BY A TRACTOR INCLUDE: o CONTOUR AREA WITH RAKE/SHOVEL TO ORIGINAL STATE. o SPREAD APPROPRIATE FERTILIZER IN CONTOURED AREA. o SEED AREA WITH HYDRO-SEEDING UNIT OR PORTABLE SEEDING UNIT (CAMECO APPROVED SEED MIX & 1 ANNUAL CROP - OATS). o SPRAY OR RAKE SEED INTO DISTURBED AREA. o INSTALL "EROSION BLANKETS," "WATTLES," OR "SEDIMENT STOP" OVER SEED AREA. SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 10.5 PLS/ac @ \$49 per acre, BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	10.5 PLS/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	FERTILIZER = \$91.88 COST PER ACRE; BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	

TABLE 4-1 INTERIM RECLAMATION
2010-2011 ANNUAL REPORT PERMIT 633

MINE UNIT 2 - 633 PERMIT	MINE UNIT/LOCATION	TYPE OF DISTURBANCE (ROAD, WELLFIELD, SPILL AREA, ETC.)	RECLAMATION TYPE (INTERIM OR PERMANENT)	AREA SQ FT	MINE ACRES	TOPSOIL APPLICATION (YES/NO)	TOPSOIL APPLICATION DEPTH (INCHES = ")	TYPE OF SEED	SEEDING DATES	SEEDING PROCEDURE	RATE OF SEED APPLICATION	TYPE & RATE OF FERTILIZER	TYPE & RATE OF MULCH APPLIED	ACRES RECLAIMED IN 2010-11 BY MINE UNIT
	MINE UNIT 3 ACCESS ROAD AREA-3	ROAD	INTERIM	1,898.58	0.04	NO	N/A	2010B SEED MIX: Western Wheatgrass, Rosana 2.47 Slender Wheatgrass 1.71 Linn Perennial Rye 1.23 Indian Ricegrass 1.23 Blue Grama 2.47 Little Bluestem 1.08 Gardner Saltbrush .31 Total 10.5 PLS # / AC \$48.00/AC (14 +/- BULK LBS PER ACRE, BAGS = 45 LBS, USE 1 BAG EVERY 3 ACRES). 10.5 PLS#/ac @ \$49 per acre.	OCTOBER, 4th QUARTER 2010	2.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR CULVERTS, DRAINAGE AREAS, AND SIMILAR AREAS NOT ACCESSIBLE BY A TRACTOR INCLUDE: o CONTOUR AREA WITH RAKE/SHOVEL TO ORIGINAL STATE. o SPREAD APPROPRIATE FERTILIZER IN CONTOURED AREA. o SEED AREA WITH HYDRO-SEEDING UNIT OR PORTABLE SEEDING UNIT (CAMECO APPROVED SEED MIX & 1 ANNUAL CROP - OATS). o SPRAY OR RAKE SEED INTO DISTURBED AREA. o INSTALL "EROSION BLANKETS," "WATTLES", OR "SEDIMENT STOP" OVER SEEDED AREA. SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 10.5 PLS#/ac @ \$49 per acre, BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	10.5 PLS#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	FERTILIZER = \$91.88 COST PER ACRE; BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	
	MINE UNIT 3 ACCESS ROAD AREA-4	ROAD	INTERIM	8,445.76	0.19	NO	N/A	2010B SEED MIX: Western Wheatgrass, Rosana 2.47 Slender Wheatgrass 1.71 Linn Perennial Rye 1.23 Indian Ricegrass 1.23 Blue Grama 2.47 Little Bluestem 1.08 Gardner Saltbrush .31 Total 10.5 PLS # / AC \$48.00/AC (14 +/- BULK LBS PER ACRE, BAGS = 45 LBS, USE 1 BAG EVERY 3 ACRES). 10.5 PLS#/ac @ \$49 per acre.	OCTOBER, 4th QUARTER 2010	2.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR CULVERTS, DRAINAGE AREAS, AND SIMILAR AREAS NOT ACCESSIBLE BY A TRACTOR INCLUDE: o CONTOUR AREA WITH RAKE/SHOVEL TO ORIGINAL STATE. o SPREAD APPROPRIATE FERTILIZER IN CONTOURED AREA. o SEED AREA WITH HYDRO-SEEDING UNIT OR PORTABLE SEEDING UNIT (CAMECO APPROVED SEED MIX & 1 ANNUAL CROP - OATS). o SPRAY OR RAKE SEED INTO DISTURBED AREA. o INSTALL "EROSION BLANKETS," "WATTLES", OR "SEDIMENT STOP" OVER SEEDED AREA. SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 10.32 PLS#/ac @ \$49 per acre, BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	10.5 PLS#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	FERTILIZER = \$91.88 COST PER ACRE; BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	
	MINE UNIT 3 ACCESS ROAD AREA-5	ROAD	INTERIM	1,143.42	0.03	NO	N/A	2010B SEED MIX: Western Wheatgrass, Rosana 2.47 Slender Wheatgrass 1.71 Linn Perennial Rye 1.23 Indian Ricegrass 1.23 Blue Grama 2.47 Little Bluestem 1.08 Gardner Saltbrush .31 Total 10.5 PLS # / AC \$48.00/AC (14 +/- BULK LBS PER ACRE, BAGS = 45 LBS, USE 1 BAG EVERY 3 ACRES). 10.5 PLS#/ac @ \$49 per acre.	OCTOBER, 4th QUARTER 2010	2.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR CULVERTS, DRAINAGE AREAS, AND SIMILAR AREAS NOT ACCESSIBLE BY A TRACTOR INCLUDE: o CONTOUR AREA WITH RAKE/SHOVEL TO ORIGINAL STATE. o SPREAD APPROPRIATE FERTILIZER IN CONTOURED AREA. o SEED AREA WITH HYDRO-SEEDING UNIT OR PORTABLE SEEDING UNIT (CAMECO APPROVED SEED MIX & 1 ANNUAL CROP - OATS). o SPRAY OR RAKE SEED INTO DISTURBED AREA. o INSTALL "EROSION BLANKETS," "WATTLES", OR "SEDIMENT STOP" OVER SEEDED AREA. SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 10.5 PLS#/ac @ \$49 per acre, BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	10.5 PLS#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	FERTILIZER = \$91.88 COST PER ACRE; BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	
	MINE UNIT 3 ACCESS ROAD AREA-6	ROAD	INTERIM	5,415.39	0.12	NO	N/A	2010B SEED MIX: Western Wheatgrass, Rosana 2.47 Slender Wheatgrass 1.71 Linn Perennial Rye 1.23 Indian Ricegrass 1.23 Blue Grama 2.47 Little Bluestem 1.08 Gardner Saltbrush .31 Total 10.5 PLS # / AC \$48.00/AC (14 +/- BULK LBS PER ACRE, BAGS = 45 LBS, USE 1 BAG EVERY 3 ACRES). 10.5 PLS#/ac @ \$49 per acre.	OCTOBER, 4th QUARTER 2010	2.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR CULVERTS, DRAINAGE AREAS, AND SIMILAR AREAS NOT ACCESSIBLE BY A TRACTOR INCLUDE: o CONTOUR AREA WITH RAKE/SHOVEL TO ORIGINAL STATE. o SPREAD APPROPRIATE FERTILIZER IN CONTOURED AREA. o SEED AREA WITH HYDRO-SEEDING UNIT OR PORTABLE SEEDING UNIT (CAMECO APPROVED SEED MIX & 1 ANNUAL CROP - OATS). o SPRAY OR RAKE SEED INTO DISTURBED AREA. o INSTALL "EROSION BLANKETS," "WATTLES", OR "SEDIMENT STOP" OVER SEEDED AREA. SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 10.5 PLS#/ac @ \$49 per acre, BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	10.5 PLS#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	FERTILIZER = \$91.88 COST PER ACRE; BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	
	MINE UNIT 3 ACCESS ROAD AREA-7	ROAD	INTERIM	593.55	0.01	NO	N/A	2010B SEED MIX: Western Wheatgrass, Rosana 2.47 Slender Wheatgrass 1.71 Linn Perennial Rye 1.23 Indian Ricegrass 1.23 Blue Grama 2.47 Little Bluestem 1.08 Gardner Saltbrush .31 Total 10.5 PLS # / AC \$48.00/AC (14 +/- BULK LBS PER ACRE, BAGS = 45 LBS, USE 1 BAG EVERY 3 ACRES). 10.5 PLS#/ac @ \$49 per acre.	OCTOBER, 4th QUARTER 2010	2.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR CULVERTS, DRAINAGE AREAS, AND SIMILAR AREAS NOT ACCESSIBLE BY A TRACTOR INCLUDE: o CONTOUR AREA WITH RAKE/SHOVEL TO ORIGINAL STATE. o SPREAD APPROPRIATE FERTILIZER IN CONTOURED AREA. o SEED AREA WITH HYDRO-SEEDING UNIT OR PORTABLE SEEDING UNIT (CAMECO APPROVED SEED MIX & 1 ANNUAL CROP - OATS). o SPRAY OR RAKE SEED INTO DISTURBED AREA. o INSTALL "EROSION BLANKETS," "WATTLES", OR "SEDIMENT STOP" OVER SEEDED AREA. SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 10.5 PLS#/ac @ \$49 per acre, BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	10.5 PLS#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	FERTILIZER = \$91.88 COST PER ACRE; BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	
	MINE UNIT 3 ACCESS ROAD AREA-8	ROAD	INTERIM	494.64	0.01	NO	N/A	2010B SEED MIX: Western Wheatgrass, Rosana 2.47 Slender Wheatgrass 1.71 Linn Perennial Rye 1.23 Indian Ricegrass 1.23 Blue Grama 2.47 Little Bluestem 1.08 Gardner Saltbrush .31 Total 10.5 PLS # / AC \$48.00/AC (14 +/- BULK LBS PER ACRE, BAGS = 45 LBS, USE 1 BAG EVERY 3 ACRES). 10.5 PLS#/ac @ \$49 per acre.	OCTOBER, 4th QUARTER 2010	2.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR CULVERTS, DRAINAGE AREAS, AND SIMILAR AREAS NOT ACCESSIBLE BY A TRACTOR INCLUDE: o CONTOUR AREA WITH RAKE/SHOVEL TO ORIGINAL STATE. o SPREAD APPROPRIATE FERTILIZER IN CONTOURED AREA. o SEED AREA WITH HYDRO-SEEDING UNIT OR PORTABLE SEEDING UNIT (CAMECO APPROVED SEED MIX & 1 ANNUAL CROP - OATS). o SPRAY OR RAKE SEED INTO DISTURBED AREA. o INSTALL "EROSION BLANKETS," "WATTLES", OR "SEDIMENT STOP" OVER SEEDED AREA. SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 10.5 PLS#/ac @ \$49 per acre, BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	10.5 PLS#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	FERTILIZER = \$91.88 COST PER ACRE; BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	
	MU2 RECLAMATION TOTAL:													1.90
	CPP-CONSTRUCTION AREA RCLMTN	FACILITY	INTERIM	4,828.45	0.11	NO	N/A	2010B SEED MIX: Western Wheatgrass, Rosana 2.47 Slender Wheatgrass 1.71 Linn Perennial Rye 1.23 Indian Ricegrass 1.23 Blue Grama 2.47 Little Bluestem 1.08 Gardner Saltbrush .31 Total 10.5 PLS # / AC \$48.00/AC (14 +/- BULK LBS PER ACRE, BAGS = 45 LBS, USE 1 BAG EVERY 3 ACRES). 10.5 PLS#/ac @ \$49 per acre.	OCTOBER, 4th QUARTER 2010	2.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR CULVERTS, DRAINAGE AREAS, AND SIMILAR AREAS NOT ACCESSIBLE BY A TRACTOR INCLUDE: o CONTOUR AREA WITH RAKE/SHOVEL TO ORIGINAL STATE. o SPREAD APPROPRIATE FERTILIZER IN CONTOURED AREA. o SEED AREA WITH HYDRO-SEEDING UNIT OR PORTABLE SEEDING UNIT (CAMECO APPROVED SEED MIX & 1 ANNUAL CROP - OATS). o SPRAY OR RAKE SEED INTO DISTURBED AREA. o INSTALL "EROSION BLANKETS," "WATTLES", OR "SEDIMENT STOP" OVER SEEDED AREA. SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 10.5 PLS#/ac @ \$49 per acre, BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	10.5 PLS#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	FERTILIZER = \$91.88 COST PER ACRE; BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	

TABLE 4-1 INTERIM RECLAMATION
2010-2011 ANNUAL REPORT PERMIT 633

MINE UNIT/LOCATION	TYPE OF DISTURBANCE (ROAD, WELLFIELD, SPILL AREA, ETC.)	RECLAMATION TYPE (INTERIM OR PERMANENT)	AREA SQ FT	MINE ACRES	TOPSOIL APPLICATION (YES/NO)	TOPSOIL APPLICATION DEPTH (INCHES = ")	TYPE OF SEED	SEEDING DATES	SEEDING PROCEDURE	RATE OF SEED APPLICATION	TYPE & RATE OF FERTILIZER	TYPE & RATE OF MULCH APPLIED	ACRES RECLAIMED IN 2010-11 BY MINE UNIT
CPP-MU1 RCLMTN	WELLFIELD	INTERIM	3,176.16	0.07	NO	N/A	2010B SEED MIX: Western Wheatgrass, Rosana 2.47 Slender Wheatgrass 1.71 Linn Perennial Rye 1.23 Indian Ricegrass 1.23 Blue Grama 2.47 Little Bluestem 1.08 Gardner Saltbrush .31 Total 10.5 PLS # / AC \$48.00/AC (14 +/- BULK LBS PER ACRE, BAGS = 45 LBS, USE 1 BAG EVERY 3 ACRES). 10.5 PLS#/ac @ \$49 per acre.	OCTOBER, 4th QUARTER 2010	2.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR CULVERTS, DRAINAGE AREAS, AND SIMILAR AREAS NOT ACCESSIBLE BY A TRACTOR INCLUDE: o CONTOUR AREA WITH RAKE/SHOVEL TO ORIGINAL STATE. o SPREAD APPROPRIATE FERTILIZER IN CONTOURED AREA. o SEED AREA WITH HYDRO-SEEDING UNIT OR PORTABLE SEEDING UNIT (CAMECO APPROVED SEED MIX & 1 ANNUAL CROP - OATS). o SPRAY OR RAKE SEED INTO DISTURBED AREA. o INSTALL "EROSION BLANKETS," "WATTLES", OR "SEDIMENT STOP" OVER SEEDED AREA. SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 10.5 PLS#/ac @ \$49 per acre, BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	10.5 PLS#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft, 4 x bags per acre = 200 Lbs)	FERTILIZER = \$91.88 COST PER ACRE; BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	
CPP PARKING LOT	FACILITY	INTERIM	31,962.82	0.73	NO	N/A	2010B SEED MIX: Western Wheatgrass, Rosana 2.47 Slender Wheatgrass 1.71 Linn Perennial Rye 1.23 Indian Ricegrass 1.23 Blue Grama 2.47 Little Bluestem 1.08 Gardner Saltbrush .31 Total 10.5 PLS # / AC \$48.00/AC (14 +/- BULK LBS PER ACRE, BAGS = 45 LBS, USE 1 BAG EVERY 3 ACRES). 10.5 PLS#/ac @ \$49 per acre.	OCTOBER, 4th QUARTER 2010	2.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR CULVERTS, DRAINAGE AREAS, AND SIMILAR AREAS NOT ACCESSIBLE BY A TRACTOR INCLUDE: o CONTOUR AREA WITH RAKE/SHOVEL TO ORIGINAL STATE. o SPREAD APPROPRIATE FERTILIZER IN CONTOURED AREA. o SEED AREA WITH HYDRO-SEEDING UNIT OR PORTABLE SEEDING UNIT (CAMECO APPROVED SEED MIX & 1 ANNUAL CROP - OATS). o SPRAY OR RAKE SEED INTO DISTURBED AREA. o INSTALL "EROSION BLANKETS," "WATTLES", OR "SEDIMENT STOP" OVER SEEDED AREA. SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 10.5 PLS#/ac @ \$49 per acre, BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	10.5 PLS#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft, 4 x bags per acre = 200 Lbs)	FERTILIZER = \$91.88 COST PER ACRE; BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	
BONE YARD - CULVERT 1	FACILITY	INTERIM	11,557.78	0.27	NO	N/A	2010B SEED MIX: Western Wheatgrass, Rosana 2.47 Slender Wheatgrass 1.71 Linn Perennial Rye 1.23 Indian Ricegrass 1.23 Blue Grama 2.47 Little Bluestem 1.08 Gardner Saltbrush .31 Total 10.5 PLS # / AC \$48.00/AC (14 +/- BULK LBS PER ACRE, BAGS = 45 LBS, USE 1 BAG EVERY 3 ACRES). 10.5 PLS#/ac @ \$49 per acre.	OCTOBER, 4th QUARTER 2010	2.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR CULVERTS, DRAINAGE AREAS, AND SIMILAR AREAS NOT ACCESSIBLE BY A TRACTOR INCLUDE: o CONTOUR AREA WITH RAKE/SHOVEL TO ORIGINAL STATE. o SPREAD APPROPRIATE FERTILIZER IN CONTOURED AREA. o SEED AREA WITH HYDRO-SEEDING UNIT OR PORTABLE SEEDING UNIT (CAMECO APPROVED SEED MIX & 1 ANNUAL CROP - OATS). o SPRAY OR RAKE SEED INTO DISTURBED AREA. o INSTALL "EROSION BLANKETS," "WATTLES", OR "SEDIMENT STOP" OVER SEEDED AREA. SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 10.5 PLS#/ac @ \$49 per acre, BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	10.5 PLS#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft, 4 x bags per acre = 200 Lbs)	FERTILIZER = \$91.88 COST PER ACRE; BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	
BONE YARD - CULVERT 2	FACILITY	INTERIM	1,357.94	0.03	NO	N/A	2010B SEED MIX: Western Wheatgrass, Rosana 2.47 Slender Wheatgrass 1.71 Linn Perennial Rye 1.23 Indian Ricegrass 1.23 Blue Grama 2.47 Little Bluestem 1.08 Gardner Saltbrush .31 Total 10.5 PLS # / AC \$48.00/AC (14 +/- BULK LBS PER ACRE, BAGS = 45 LBS, USE 1 BAG EVERY 3 ACRES). 10.5 PLS#/ac @ \$49 per acre.	OCTOBER, 4th QUARTER 2010	2.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR CULVERTS, DRAINAGE AREAS, AND SIMILAR AREAS NOT ACCESSIBLE BY A TRACTOR INCLUDE: o CONTOUR AREA WITH RAKE/SHOVEL TO ORIGINAL STATE. o SPREAD APPROPRIATE FERTILIZER IN CONTOURED AREA. o SEED AREA WITH HYDRO-SEEDING UNIT OR PORTABLE SEEDING UNIT (CAMECO APPROVED SEED MIX & 1 ANNUAL CROP - OATS). o SPRAY OR RAKE SEED INTO DISTURBED AREA. o INSTALL "EROSION BLANKETS," "WATTLES", OR "SEDIMENT STOP" OVER SEEDED AREA. SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 10.5 PLS#/ac @ \$49 per acre, BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	10.5 PLS#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft, 4 x bags per acre = 200 Lbs)	FERTILIZER = \$91.88 COST PER ACRE; BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	
BONE YARD AREA	FACILITY	INTERIM	66,384.38	1.52	NO	N/A	2010B SEED MIX: Western Wheatgrass, Rosana 2.47 Slender Wheatgrass 1.71 Linn Perennial Rye 1.23 Indian Ricegrass 1.23 Blue Grama 2.47 Little Bluestem 1.08 Gardner Saltbrush .31 Total 10.5 PLS # / AC \$48.00/AC (14 +/- BULK LBS PER ACRE, BAGS = 45 LBS, USE 1 BAG EVERY 3 ACRES). 10.5 PLS#/ac @ \$49 per acre.	OCTOBER, 4th QUARTER 2010	1.a) THE SOIL AMENDMENT PROCESS SUMMARY FOR TRACTOR ACCESSIBLE AREAS INCLUDE: o CONTOUR AREA TO ORIGINAL STATE. o DISC DISTURBED AREA o SPREAD APPROPRIATE FERTILIZER IN DISCED AREA - (18-46-0 Fertilizer) 200LBS PER ACRE o DRILL-SEED CAMECO APPROVED 2010C SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). o BROADCAST STRAW OVER SEEDED AREA WITH HAYBUSTER UNIT. o CRIMP STRAW MULCH INTO SEEDED AREA WITH WISHEK STRAWPRESS UNIT. 10.5 PLS#/ac @ \$49 per acre.	10.5 PLS#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft, 4 x bags per acre = 200 Lbs)	FERTILIZER ONLY = \$91.88 COST PER ACRE	
BONE YARD - NEW TOPSOIL PILE NO.71	FACILITY	INTERIM	7,939.40	0.18	NO	N/A	2010B SEED MIX: Western Wheatgrass, Rosana 2.47 Slender Wheatgrass 1.71 Linn Perennial Rye 1.23 Indian Ricegrass 1.23 Blue Grama 2.47 Little Bluestem 1.08 Gardner Saltbrush .31 Total 10.5 PLS # / AC \$48.00/AC (14 +/- BULK LBS PER ACRE, BAGS = 45 LBS, USE 1 BAG EVERY 3 ACRES). 10.5 PLS#/ac @ \$49 per acre.	OCTOBER, 4th QUARTER 2010	2.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR CULVERTS, DRAINAGE AREAS, AND SIMILAR AREAS NOT ACCESSIBLE BY A TRACTOR INCLUDE: o CONTOUR AREA WITH RAKE/SHOVEL TO ORIGINAL STATE. o SPREAD APPROPRIATE FERTILIZER IN CONTOURED AREA. o SEED AREA WITH HYDRO-SEEDING UNIT OR PORTABLE SEEDING UNIT (CAMECO APPROVED SEED MIX & 1 ANNUAL CROP - OATS). o SPRAY OR RAKE SEED INTO DISTURBED AREA. o INSTALL "EROSION BLANKETS," "WATTLES", OR "SEDIMENT STOP" OVER SEEDED AREA. SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 10.32 PLS#/ac @ \$49 per acre, BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	10.5 PLS#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft, 4 x bags per acre = 200 Lbs)	FERTILIZER = \$91.88 COST PER ACRE; BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	
MINE UNIT 1 RECLAMATION TOTAL:													2.92
MINE UNIT K HH K8 & K9 AREA RECLAMATION	WELLFIELD	INTERIM	1,010,893.92	23.21	NO	N/A	2010B SEED MIX: Western Wheatgrass, Rosana 2.47 Slender Wheatgrass 1.71 Linn Perennial Rye 1.23 Indian Ricegrass 1.23 Blue Grama 2.47 Little Bluestem 1.08 Gardner Saltbrush .31 Total 10.5 PLS # / AC \$48.00/AC (14 +/- BULK LBS PER ACRE, BAGS = 45 LBS, USE 1 BAG EVERY 3 ACRES). 10.5 PLS#/ac @ \$49 per acre.	OCTOBER, 4th QUARTER 2010	1.a) THE SOIL AMENDMENT PROCESS SUMMARY FOR TRACTOR ACCESSIBLE AREAS INCLUDE: o CONTOUR AREA TO ORIGINAL STATE. o DISC DISTURBED AREA o SPREAD APPROPRIATE FERTILIZER IN DISCED AREA - (18-46-0 Fertilizer) 200LBS PER ACRE o DRILL-SEED CAMECO APPROVED 2010C SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). o BROADCAST STRAW OVER SEEDED AREA WITH HAYBUSTER UNIT. o CRIMP STRAW MULCH INTO SEEDED AREA WITH WISHEK STRAWPRESS UNIT. 10.5 PLS#/ac @ \$49 per acre.	10.5 PLS#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft, 4 x bags per acre = 200 Lbs)	200LBS FERTILIZER (4 BAGS) & 6 ROUND BALES = \$391.88 COST PER ACRE	

TABLE 4-1 INTERIM RECLAMATION
2010-2011 ANNUAL REPORT PERMIT 633

MINE UNIT K - 633 PER	MINE UNIT/LOCATION	TYPE OF DISTURBANCE (ROAD, WELLFIELD, SPILL AREA, ETC.)	RECLAMATION TYPE (INTERIM OR PERMANENT)	AREA SQ FT	MINE ACRES	TOPSOIL APPLICATION (YES/NO)	TOPSOIL APPLICATION DEPTH (INCHES = ")	TYPE OF SEED	SEEDING DATES	SEEDING PROCEDURE	RATE OF SEED APPLICATION	TYPE & RATE OF FERTILIZER	TYPE & RATE OF MULCH APPLIED	ACRES RECLAIMED IN 2010-11 BY MINE UNIT
	1) RESEED STOCKPILE NO. 67 - MINE UNIT K; WF K-9; COMPLETED RESEEDING WITH HYDRO-SEEDER ON 10/06/2010.	WELLFIELD	INTERIM	2,382.31	0.05	NO	N/A	2010B SEED MIX: Western Wheatgrass, Rosana 2.47 Slender Wheatgrass 1.71 Linn Perennial Rye 1.23 Indian Ricegrass 1.23 Blue Grama 2.47 Little Bluestem 1.08 Gardner Saltbrush .31 Total 10.5 PLS # / AC \$48.00/AC (14 +/- BULK LBS PER ACRE, BAGS = 45 LBS, USE 1 BAG EVERY 3 ACRES). 10.5 PLS#/ac @ \$49 per acre.	OCTOBER, 4TH QUARTER	2.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR CULVERTS, DRAINAGE AREAS, AND SIMILAR AREAS NOT ACCESIBLE BY A TRACTOR INCLUDE: o CONTOUR AREA WITH RAKE/SHOVEL TO ORIGINAL STATE. o SPREAD APPROPRIATE FERTILIZER IN CONTOURED AREA. o SEED AREA WITH HYDRO-SEEDING UNIT OR PORTABLE SEEDING UNIT (CAMECO APPROVED SEED MIX & 1 ANNUAL CROP - OATS). o SPRAY OR RAKE SEED INTO DISTURBED AREA. o INSTALL "EROSION BLANKETS," "WATTLES", OR "SEDIMENT STOP" OVER SEEDED AREA. SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 10.5 PLS#/ac @ \$49 per acre, BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	10.5 PLS#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	FERTILIZER = \$91.88 COST PER ACRE; BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	
	1) MOVE STOCKPILE NO. 25 - MINE UNIT K-NORTH; COMPLETED RESEEDING WITH HYDRO-SEEDER ON 10/06/2010.	WELLFIELD	INTERIM	8,961.40	0.21	NO	N/A	2010B SEED MIX: Western Wheatgrass, Rosana 2.47 Slender Wheatgrass 1.71 Linn Perennial Rye 1.23 Indian Ricegrass 1.23 Blue Grama 2.47 Little Bluestem 1.08 Gardner Saltbrush .31 Total 10.5 PLS # / AC \$48.00/AC (14 +/- BULK LBS PER ACRE, BAGS = 45 LBS, USE 1 BAG EVERY 3 ACRES). 10.5 PLS#/ac @ \$49 per acre.	OCTOBER, 4TH QUARTER	2.b) THE SOIL AMENDMENT PROCESS SUMMARY FOR CULVERTS, DRAINAGE AREAS, AND SIMILAR AREAS NOT ACCESIBLE BY A TRACTOR INCLUDE: o CONTOUR AREA WITH RAKE/SHOVEL TO ORIGINAL STATE. o SPREAD APPROPRIATE FERTILIZER IN CONTOURED AREA. o SEED AREA WITH HYDRO-SEEDING UNIT OR PORTABLE SEEDING UNIT (CAMECO APPROVED SEED MIX & 1 ANNUAL CROP - OATS). o SPRAY OR RAKE SEED INTO DISTURBED AREA. o INSTALL "EROSION BLANKETS," "WATTLES", OR "SEDIMENT STOP" OVER SEEDED AREA. SEED MIX & 1 ANNUAL CROP (OATS). (10-14 PLS LBS PER ACRE = 17-20 GROSS LBS). 10.5 PLS#/ac @ \$49 per acre, BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	10.5 PLS#/ac	Fertilizer (18-46-0 Fertilizer) 200LBS PER ACRE (1 x 50 Lb. bag per 10,000 ft. 4 x bags per acre = 200 Lbs)	FERTILIZER = \$91.88 COST PER ACRE; BONDED FIBER MATRIX = \$1,100.22 COST PER ACRE	
MINE UNIT K RECLAMATION TOTAL:														23.47
633 PERMIT RECLAMATION TOTAL:														219.21

TABLE 4-2
AREAS PREVIOUSLY RECLAIMED
2010-2011 ANNUAL REPORT PERMIT 633

Area	Year	Acreage
Bill Smith Mine Test Well Sites	1968	2.8
Miscellaneous - Bill Smith Mine	1968	4.19
ISL Pilot Pipeline and Wellfield	1983	5.8
Mine Settling Pond #1 and #2	1997	2.8
Drill Mud Storage Area	1999	0.25
Wellfield #1 Staging Area	1999	1.5
Wellfield #3 North Staging Area	2001	1.54
Total Acres	---	18.88

TABLE 4-3
RECLAMATION RESULTS
2010-2011 ANNUAL REPORT PERMIT 633

Area	Type of Seed Germinated	Type of Seed Not Growing	Weed Problems	Areas of Unsuitable Overburden	Procedures To Correct Unsuitable Overburden
Bill Smith Mine Test Well Sites	(1)	All Growing	---	N.A.	N.A.
Misc. – Bill Smith Mine	(1)	All Growing	---	N.A.	N.A.
ISL Pilot Pipeline & Wellfield	(1)	All Growing	---	N.A.	N.A.
Mine Settling Ponds #1/#2	(1)	All Growing	---	N.A.	N.A.

(1) Slender wheatgrass, western wheatgrass, thickspike wheatgrass, green needlegrass, canby bluegrass, oats.

TABLE 5-1
PLANNED AREAS OF DISTURBANCE (2011-2012)
2010-2011 REPORT PERIOD

Area	Acreage (approximate)
Wellfield 3 - Installation of a new header house and road	5
Proposed Wellfield 7 - Installation of monitoring well ring and 7 headerhouses	13
Proposed Wellfield 10 - Wellfield Development	37
Proposed Wellfield K North - Wellfield Development	13
Proposed Wellfield 11 - 300 delineation holes	6
SW - Upgrade and widen the road into the SW	2
Mine Unit 8 Development	11
Mine Units 16 & 17 delineation holes	17
Total	104

* Some projects were carried over from the 2008-09 report period.

TABLE 5-2
AREAS THAT WILL NOT BE FULLY RECLAIMED
2010-2011 ANNUAL REPORT PERMIT 633

Area	Year	Acreage
Bill Smith Mine Access (reduced to previous existing road)	1968	4.75
Total Acres	---	4.75

TABLE 7-1
SEMI-ANNUAL SAMPLING OF EVAPORATION PONDS
2010-2011 ANNUAL REPORT PERMIT 633

Parameter	West Evaporation Pond	East Evaporation Pond
	Pond not in Use	11/8/2010
Bicarbonate (mg/L)	N/A	627
Calcium (mg/L)	N/A	188
Chloride (mg/L)	N/A	271
Sodium (mg/L)	N/A	462
Sulfate (mg/L)	N/A	933
TDS (mg/L)	N/A	2290
Uranium (mg/L)	N/A	10.2
Radium-226 (pCi/L)	N/A	4740
Thorium-230 (pCi/L)	N/A	8.6

TABLE 10-1: PERMIT #633 DELINEATION DRILL HOLES (APRIL 1, 2010 THROUGH APRIL 30, 2011)
821 delineation holes.

Prepared By Ken Garoutte
Operator Name Cameco Resources
 Smith Ranch-Highland Operation
 P.O. Box 1210, Glenrock, WY 82637

All holes capped and sealed

Mine Unit	Delineation Number	Section	Township	Range	Northing	Easting	Total Drilled Depth	Drill Completion Date	Surface Ownership
7	3674-26-2524	26	36	74	873407	354696	880	8/31/2010	Federal/BLM
7	3674-26-2576	26	36	74	873519	354750	900	9/7/2010	Federal/BLM
7	3674-27-706	27	36	74	873719	354050	900	8/27/2010	Federal/BLM
7	3674-27-722	27	36	74	873828	353827	900	8/26/2010	Federal/BLM
7	3674-27-724	27	36	74	873917	353635	900	8/27/2010	Federal/BLM
7	3674-27-807	27	36	74	871511	353393	1000	8/24/2010	Federal/BLM
7	3674-27-808	27	36	74	871815	353042	920	8/19/2010	Federal/BLM
7	3674-27-809	27	36	74	871911	353012	920	8/23/2010	Federal/BLM
7	3674-27-810	27	36	74	871976	352955	940	8/18/2010	Federal/BLM
7	3674-27-811	27	36	74	871914	352800	960	8/17/2010	Federal/BLM
7	3674-27-812	27	36	74	871742	352652	960	8/13/2010	Federal/BLM
7	3674-27-813	27	36	74	871260	352348	960	8/19/2010	Federal/BLM
7	3674-27-814	27	36	74	871271	352258	920	8/30/2010	Federal/BLM
7	3674-27-815	27	36	74	871335	352228	960	8/18/2010	Federal/BLM
7	3674-27-816	27	36	74	871635	351836	980	8/16/2010	Federal/BLM
7	3674-27-817	27	36	74	871554	351897	980	8/13/2010	Federal/BLM
7	3674-27-818	27	36	74	871582	351971	980	8/12/2010	Federal/BLM
7	3674-27-820	27	36	74	872280	352078	1000	8/25/2010	Federal/BLM
7	3674-27-825	27	36	74	872337	353953	940	9/9/2010	Federal/BLM
8	3674-34-1425	34	36	74	870864	352590	1000	4/1/2011	Smith Land Company
8	3674-34-1426	34	36	74	870605	352767	800	4/1/2011	Smith Land Company
8	3674-34-1427	34	36	74	870586	353146	760	3/23/2011	Smith Land Company
8	3674-34-1428	34	36	74	870590	353348	760	3/23/2011	Smith Land Company
8	3674-34-1429	34	36	74	870621	353661	1000	3/31/2011	Smith Land Company
8	3674-34-1430	34	36	74	870395	353144	760	3/22/2011	Smith Land Company
8	3674-34-1431	34	36	74	870379	353362	760	3/22/2011	Smith Land Company
8	3674-34-1432	34	36	74	870364	353609	760	3/24/2011	Smith Land Company
8	3674-34-1433	34	36	74	870380	353871	760	3/28/2011	Smith Land Company
8	3674-34-1434	34	36	74	870336	354013	760	3/29/2011	Smith Land Company
8	3674-34-1435	34	36	74	870177	352550	840	2/28/2011	Smith Land Company
8	3674-34-1436	34	36	73	870122	353423	1000	3/21/2011	Smith Land Company
8	3674-34-1437	34	36	74	870165	353607	840	3/24/2011	Smith Land Company
8	3674-34-1438	34	36	74	870167	353812	840	3/25/2011	Smith Land Company

TABLE 10-1: PERMIT #633 DELINEATION DRILL LOG (APRIL 1, 2010 THROUGH APRIL 30, 2011)

821 delineation holes

Mine Unit	Delineation Number	Section	Township	Range	Northing	Easting	Total Drilled Depth	Drill Completion Date	Surface Ownership
8	3674-34-1439	34	36	74	870056	352629	840	2/28/2011	Smith Land Company
8	3674-34-1440	34	36	74	870053	353551	840	3/16/2011	Smith Land Company
8	3674-34-1441	34	36	74	870060	353661	840	3/17/2011	Smith Land Company
8	3674-34-1442	34	36	74	870061	353798	840	3/17/2011	Smith Land Company
8	3674-34-1443	34	36	74	869933	352718	840	2/28/2011	Smith Land Company
8	3674-34-1444	34	36	74	869943	353262	860	3/16/2011	Smith Land Company
8	3674-34-1445	34	36	74	869944	353343	700	3/14/2011	Smith Land Company
8	3674-34-1446	34	36	74	869944	353419	700	3/14/2011	Smith Land Company
8	3674-34-1447	34	36	74	869947	353491	700	3/10/2011	Smith Land Company
8	3674-34-1448	34	36	74	869946	353564	700	3/9/2011	Smith Land Company
8	3674-34-1449	34	36	74	869952	353659	860	3/9/2011	Smith Land Company
8	3674-34-1450	34	36	74	869956	353757	840	3/8/2011	Smith Land Company
8	3674-34-1451	34	36	74	869913	353927	1000	4/4/2011	Smith Land Company
8	3674-34-1452	34	36	74	869861	353749	700	3/18/2011	Smith Land Company
8	3674-34-1453	34	36	74	869827	352918	840	3/1/2011	Smith Land Company
8	3674-34-1454	34	36	74	869764	352961	840	3/2/2011	Smith Land Company
8	3674-34-1455	34	36	74	869743	353088	840	3/8/2011	Smith Land Company
8	3674-34-1456	34	36	74	869696	352802	840	3/1/2011	Smith Land Company
8	3674-34-1457	34	36	74	869697	353040	840	3/7/2011	Smith Land Company
8	3674-34-1459	34	36	74	869658	353106	840	3/7/2011	Smith Land Company
8	3674-34-1460	34	36	74	869594	352759	1000	3/2/2011	Smith Land Company
8	3674-34-1461	34	36	74	869579	353459	760	3/2/2011	Smith Land Company
8	3674-34-1462	34	36	74	869587	353639	760	3/16/2011	Smith Land Company
8	3674-34-1463	34	36	74	869569	353902	1000	3/21/2011	Smith Land Company
8	3674-34-1464	34	36	74	869955	352918	800	3/1/2011	Smith Land Company
8	3674-34-1465	34	36	74	869493	353389	760	3/3/2011	Smith Land Company
8	3674-34-1466	34	36	74	869511	353608	760	3/16/2011	Smith Land Company
8	3674-34-1467	34	36	74	869485	353748	760	3/17/2011	Smith Land Company
8	3674-34-1468	34	36	74	869482	353888	760	3/17/2011	Smith Land Company
8	3674-34-1469	34	36	74	869343	353162	760	3/22/2011	Smith Land Company
8	3674-34-1470	34	36	74	869373	353350	760	3/10/2011	Smith Land Company
8	3674-34-1471	34	36	74	869399	353532	760	3/2/2011	Smith Land Company
8	3674-34-1472	34	36	74	869337	353609	760	3/9/2011	Smith Land Company
8	3674-34-1473	34	36	74	869407	353978	760	3/18/2011	Smith Land Company
8	3674-34-1474	34	36	74	869324	353876	760	3/14/2011	Smith Land Company
8	3674-34-1475	34	36	74	869288	354051	760	3/11/2011	Smith Land Company
8	3674-34-1476	34	36	74	869261	352489	700	3/22/2011	Smith Land Company
8	3674-34-1477	34	36	74	869248	352671	700	3/2/2011	Smith Land Company

TABLE 10-1: PERMIT #633 DELINEATION DRILL LES (APRIL 1, 2010 THROUGH APRIL 30, 2011)
821 delineation holes

Mine Unit	Delineation Number	Section	Township	Range	Northing	Easting	Total Drilled Depth	Drill Completion Date	Surface Ownership
8	3674-34-1478	34	36	74	869180	352487	700	3/18/2011	Smith Land Company
8	3674-34-1479	34	36	74	869169	352678	700	3/16/2011	Smith Land Company
8	3674-34-1480	34	36	74	868970	352920	700	3/15/2011	Smith Land Company
8	3674-34-1481	34	36	74	869193	352996	700	3/23/2011	Smith Land Company
8	3674-34-1482	34	36	74	869172	353557	700	3/8/2011	Smith Land Company
8	3674-34-1483	34	36	74	869189	353685	700	3/2/2011	Smith Land Company
8	3674-34-1484	34	36	74	869157	353877	700	3/2/2011	Smith Land Company
8	3674-34-1485	34	36	74	869101	352487	700	3/21/2011	Smith Land Company
8	3674-34-1486	34	36	74	869124	352850	700	3/18/2011	Smith Land Company
8	3674-34-1487	34	36	74	869137	353049	700	3/17/2011	Smith Land Company
8	3674-34-1488	34	36	74	869119	353624	700	3/4/2011	Smith Land Company
8	3674-34-1489	34	36	74	869038	352700	720	3/17/2011	Smith Land Company
8	3674-34-1490	34	36	74	869060	352876	700	3/17/2011	Smith Land Company
8	3674-34-1492	34	36	74	868970	352748	700	3/15/2011	Smith Land Company
8	3674-34-1493	34	36	74	868948	353109	700	3/11/2011	Smith Land Company
8	3674-34-1494	34	36	74	869028	353212	700	3/10/2011	Smith Land Company
8	3674-34-1495	34	36	74	868987	353364	700	3/9/2011	Smith Land Company
8	3674-34-1496	34	36	74	869737	354051	700	3/22/2011	Smith Land Company
8	3674-35-1176	35	36	74	870908	354303	840	4/12/2011	Federal/BLM
8	3674-35-1179	35	36	74	870792	354306	840	4/13/2011	Federal/BLM
8	3674-35-1181	35	36	74	870712	354129	840	3/30/2011	Federal/BLM
8	3674-35-1185	35	36	74	870328	354124	820	3/29/2011	Federal/BLM
8	3674-35-1218	35	36	74	869351	354920	760	4/5/2011	Federal/BLM
8	3674-35-1219	35	36	74	869348	355008	760	4/5/2011	Federal/BLM
8	3674-35-1225	35	36	74	869248	354959	740	4/5/2011	Federal/BLM
8	3674-35-1226	35	36	74	869249	355019	740	4/7/2011	Federal/BLM
8	3674-35-1226	35	36	74	869249	355019	740	4/7/2011	Federal/BLM
8	3674-35-1229	35	36	74	869131	354509	740	3/29/2011	Federal/BLM
8	3674-35-1232	35	36	74	869139	354995	740	4/8/2011	Federal/BLM
8	3674-35-1233	35	36	74	869159	355087	740	4/7/2011	Federal/BLM
8	3674-35-1234	35	36	74	869104	354606	740	3/29/2011	Federal/BLM
8	3674-35-1235	35	36	74	869108	355115	740	4/8/2011	Federal/BLM
8	3674-35-1236	35	36	74	869062	354673	720	3/30/2011	Federal/BLM
8	3674-35-1237	35	36	74	869052	354778	720	4/5/2011	Federal/BLM
8	3674-35-1238	35	36	74	869050	354875	720	4/6/2011	Federal/BLM
8	3674-35-1238	35	36	74	869050	354875	720	4/7/2011	Federal/BLM
8	3674-35-1240	35	36	74	869052	355074	720	4/11/2011	Federal/BLM
8	3674-35-1241	35	36	74	869053	355142	720	4/11/2011	Federal/BLM

TABLE 10-1: PERMIT #633 DELINEATION DRILL LES (APRIL 1, 2010 THROUGH APRIL 30, 2011)

821 delineation holes

Mine Unit	Delineation Number	Section	Township	Range	Northing	Easting	Total Drilled Depth	Drill Completion Date	Surface Ownership
8	3674-35-1242	35	36	74	868960	354525	720	3/28/2011	Federal/BLM
8	3674-35-1243	35	36	74	868952	354656	720	3/25/2011	Federal/BLM
8	3674-35-1244	35	36	74	868953	354764	740	3/24/2011	Federal/BLM
8	3674-35-1245	35	36	74	868948	354857	720	4/8/2011	Federal/BLM
8	3674-35-1246	35	36	74	868954	354932	720	4/7/2011	Federal/BLM
8	3674-35-1247	35	36	74	868950	355019	720	3/29/2011	Federal/BLM
8	3674-35-1248	35	36	74	868959	355139	720	4/11/2011	Federal/BLM
8	3674-35-1249	35	36	74	868856	354647	700	3/22/2011	Federal/BLM
8	3674-35-1250	35	36	74	868859	354753	700	3/24/2011	Federal/BLM
8	3674-35-1251	35	36	74	868858	354861	700	3/25/2011	Federal/BLM
8	3674-35-1252	35	36	74	868856	354953	700	3/28/2011	Federal/BLM
8	3674-35-1253	35	36	74	868846	355123	700	3/28/2011	Federal/BLM
8	3674-35-1254	35	36	74	868868	355223	700	4/12/2011	Federal/BLM
8	3674-35-1255	35	36	74	868745	354950	700	3/24/2011	Federal/BLM
8	3674-35-1256	35	36	74	868744	355055	700	3/29/2011	Federal/BLM
8	3674-35-1257	35	36	74	868752	355158	700	4/12/2011	Federal/BLM
8	3674-35-1261	35	36	74	868546	355047	660	4/14/2011	Federal/BLM
10	3574-17-1031	17	35	74	852350	338500	1140	8/27/2010	James & Alison Magee
10	3574-17-1032	17	35	74	852450	338550	1140	9/3/2010	Smith Land Company
10	3574-17-1033	17	35	74	852900	340050	1140	11/16/2010	Smith Land Company
10	3574-17-1035	17	35	74	852950	340150	1140	11/16/2010	Smith Land Company
10	3574-17-1036	17	35	74	853050	340250	1140	11/18/2010	Smith Land Company
10	3574-17-1037	17	35	74	853500	341350	1140	11/19/2010	Smith Land Company
10	3574-17-1038	17	35	74	853500	341450	1160	12/15/2010	Smith Land Company
10	3574-17-1039	17	35	74	853150	339700	980	12/16/2010	Smith Land Company
10	3574-17-1044	17	35	74	852764	343049	500	4/28/2010	Smith Land Company
10	3574-17-1045	17	35	74	852711	342999	500	4/29/2010	Smith Land Company
10	3574-17-1046	17	35	74	853025	339900	1100	5/17/2010	Smith Land Company
10	3574-17-1047	17	35	74	853027	339898	1100	5/18/2010	Smith Land Company
10	3574-17-1048	17	35	74	853024	339898	400	5/17/2010	Smith Land Company
10	3574-17-1049	17	35	74	853694	342448	560	5/18/2010	Smith Land Company
10	3574-17-1050	17	35	74	853022	339904	1100	5/27/2010	Smith Land Company
10	3574-17-1051	17	35	74	852963	342581	520	5/5/2010	Smith Land Company
10	3574-17-1052	17	35	74	853620	341660	1100	6/4/2010	Smith Land Company
10	3574-17-1053	17	35	74	853620	341660	1100	6/7/2010	Smith Land Company
10	3574-17-1054	17	35	74	852915	343325	1120	6/10/2010	Smith Land Company
10	3574-17-1055	17	35	74	852915	343325	1120	7/1/2010	Smith Land Company
10	3574-17-1057	17	35	74	852900	338900	1000	11/2/2010	Smith Land Company

TABLE 10-1: PERMIT #633 DELINEATION DRILL LES (APRIL 1, 2010 THROUGH APRIL 30, 2011)

821 delineation holes

Mine Unit	Delineation Number	Section	Township	Range	Northings	Easting	Total Drilled Depth	Drill Completion Date	Surface Ownership
10	3574-17-1058	17	35	74	853100	343400	1200	11/2/2010	Smith Land Company
10	3574-17-1059	17	35	74	853000	343350	1200	11/4/2010	Smith Land Company
10	3574-17-1060	17	35	74	853100	339650	1140	11/14/2010	Smith Land Company
10	3574-17-1061	17	35	74	852900	343600	1180	11/15/2010	Smith Land Company
10	3574-17-1062	17	35	74	853100	339655	200	11/17/2010	Smith Land Company
10	3574-17-1063	17	35	74	852530	338630	980	11/17/2010	Smith Land Company
10	3574-17-1064	17	35	74	853465	342570	870	11/23/2010	Smith Land Company
10	3574-17-1065	17	35	74	853100	339650	1140	12/8/2010	Smith Land Company
10	3574-17-1066	17	35	74	850650	335050	1000	3/1/2011	Smith Land Company
10	3574-17-1067	17	35	74	853350	343155	1160	11/30/2010	Smith Land Company
10	3574-17-1068	17	35	74	853150	339800	1120	12/10/2010	Smith Land Company
10	3574-17-1069	17	35	74	853700	342100	1140	12/9/2010	Smith Land Company
10	3574-17-1070	17	35	73	853500	341450	1000	1/4/2011	Smith Land Company
10	3574-17-1071	17	35	74	853000	340300	1160	3/1/2011	Smith Land Company
10	3574-17-1072	17	35	74	853285	342945	1020	3/10/2011	Smith Land Company
10	3574-17-1073	17	35	74	853570	342945	1010	3/24/2011	Smith Land Company
10	3574-17-1074	17	35	74	853685	343190	1000	3/29/2011	Smith Land Company
10	3574-17-1075	17	35	74	853105	340330	870	3/31/2011	Smith Land Company
10	3574-17-1076	17	35	74	853595	342430	870	4/21/2011	Smith Land Company
10	3574-17-1077	17	35	74	853460	342605	980	4/25/2011	Smith Land Company
10	3574-17-1078	17	35	74	853460	342605	980	4/26/2011	Smith Land Company
10	3574-17-1079	17	35	74	853340	341320	970	4/28/2011	Smith Land Company
10	3574-17-1080	17	35	74	853640	342970	1020	4/28/2011	Smith Land Company
10	3574-17-1081	17	35	74	853595	342430	970	4/25/2011	Smith Land Company
10	3574-18-1061	18	35	74	850400	334650	1080	11/3/2010	James & Alison Magee
10	3574-18-1066	18	35	74	850650	335050	1100	11/5/2010	James & Alison Magee
10	3574-18-1067	18	35	74	850800	335100	1040	11/8/2010	James & Alison Magee
10	3574-18-1069	18	35	74	850200	334600	650	9/2/2010	James & Alison Magee
10	3574-18-1070	18	35	74	850950	335350	1040	12/8/2010	James & Alison Magee
10	3574-18-1071	18	35	74	851200	335750	1200	11/11/2010	Smith Land Company
10	3574-18-1071	18	35	74	851200	335750	1200	12/23/2010	Smith Land Company
10	3574-18-1072	18	35	74	851200	336100	1200	11/2/2010	Smith Land Company
10	3574-18-1073	18	35	74	851150	336200	1200	11/9/2010	Smith Land Company
10	3574-18-1074	18	35	74	851450	336550	1120	8/25/2010	Smith Land Company
10	3574-18-1076	18	35	74	851550	336850	861	9/20/2010	Smith Land Company
10	3574-18-1077	18	35	74	851650	336950	1200	9/14/2010	Smith Land Company
10	3574-18-1078	18	35	74	851650	337050	1200	8/30/2010	James & Alison Magee
10	3574-18-1079	18	35	74	851650	337200	1180	8/30/2010	James & Alison Magee

TABLE 10-1: PERMIT #633 DELINEATION DRILL HOLES (APRIL 1, 2010 THROUGH APRIL 30, 2011)

821 delineation holes

Mine Unit	Delineation Number	Section	Township	Range	Northing	Easting	Total Drilled Depth	Drill Completion Date	Surface Ownership
10	3574-18-1080	18	35	74	851450	337150	1160	8/31/2010	James & Alison Magee
10	3574-18-1081	18	35	74	850850	335400	1080	12/6/2010	James & Alison Magee
10	3574-18-1082	18	35	74	850900	335260	1080	12/2/2010	James & Alison Magee
10	3574-18-1087	18	35	74	850745	334280	940	4/26/2010	James & Alison Magee
10	3574-18-1088	18	35	74	850745	334280	940	5/1/2010	James & Alison Magee
10	3574-18-1089	18	35	74	851570	336235	1100	6/18/2010	Smith Land Company
10	3574-18-1090	18	35	74	851570	336235	1100	6/23/2010	Smith Land Company
10	3574-18-1091	18	35	74	850075	334180	1050	7/13/2010	James & Alison Magee
10	3574-18-1092	18	35	74	851550	336550	1120	8/17/2010	James & Alison Magee
10	3574-18-1093	18	35	74	850200	334600	1035	9/2/2010	James & Alison Magee
10	3574-18-1095	18	35	74	851605	337073	900	11/18/2010	James & Alison Magee
10	3574-18-1097	18	35	74	851540	336870	1180	11/15/2010	Smith Land Company
10	3574-18-1098	18	35	74	851400	336200	980	10/22/2010	Smith Land Company
10	3574-18-1099	18	35	74	850760	335050	912	11/22/2010	James & Alison Magee
10	3574-18-1100	18	35	74	850250	334500	920	12/1/2010	James & Alison Magee
10	3574-18-1101	18	35	74	850150	334350	1080	12/1/2010	James & Alison Magee
10	3574-18-1102	18	35	74	850250	334250	1080	12/17/2010	James & Alison Magee
10	3574-18-1104	18	35	74	851200	335700	1200	1/17/2011	Smith Land Company
10	3574-18-967	18	35	74	852210	338250	1050	12/14/2010	James & Alison Magee
10	3574-18-971	18	35	74	851600	337050	1180	9/3/2010	James & Alison Magee
10	3574-18-972	18	35	74	851450	336950	1180	9/2/2010	Smith Land Company
11	3574-16-435	16	35	74	853450	343655	1200	11/18/2010	State of Wyoming
11	3574-16-436	16	35	74	852195	344900	1140	11/24/2010	State of Wyoming
11	3574-16-437	16	35	74	852250	344750	1180	12/1/2010	State of Wyoming
11	3574-16-438	16	35	74	852100	344700	1120	12/6/2010	State of Wyoming
11	3574-16-439	16	35	74	851600	345900	1100	12/13/2010	State of Wyoming
11	3574-16-440	16	35	74	851600	346000	1110	1/24/2011	State of Wyoming
11	3574-16-441	16	35	74	851600	346050	1100	1/20/2011	State of Wyoming
11	3574-16-442	16	35	74	851500	345700	1080	1/4/2011	State of Wyoming
11	3574-16-443	16	35	74	851450	345550	1080	12/13/2010	State of Wyoming
11	3574-16-444	16	35	74	851400	345600	1080	1/6/2011	State of Wyoming
11	3574-16-445	16	35	74	851400	345700	1080	1/14/2011	State of Wyoming
11	3574-16-446	16	35	74	851300	345400	1040	1/10/2011	State of Wyoming
11	3574-16-447	16	35	74	851200	345600	1040	1/11/2011	State of Wyoming
11	3574-16-448	16	35	74	851200	345750	1040	1/13/2011	State of Wyoming
11	3574-16-449	16	35	74	851200	345900	1040	1/17/2011	State of Wyoming
11	3574-16-450	16	35	74	851200	346050	1040	1/19/2011	State of Wyoming
11	3574-16-451	16	35	74	851000	345600	1000	1/17/2011	State of Wyoming

TABLE 10-1: PERMIT #633 DELINEATION DRILL LES (APRIL 1, 2010 THROUGH APRIL 30, 2011)
821 delineation holes

Mine Unit	Delineation Number	Section	Township	Range	Northing	Easting	Total Drilled Depth	Drill Completion Date	Surface Ownership
11	3574-16-452	16	35	74	850950	345600	1000	1/24/2011	State of Wyoming
11	3574-16-453	16	35	74	850950	346250	1000	2/8/2011	State of Wyoming
11	3574-16-454	16	35	74	850950	346350	1000	2/10/2011	State of Wyoming
11	3574-16-455	16	35	74	850800	345700	1000	1/18/2011	State of Wyoming
11	3574-16-456	16	35	74	850550	345650	940	1/20/2011	State of Wyoming
11	3574-16-457	16	35	74	850650	346200	940	1/24/2011	State of Wyoming
11	3574-16-458	16	35	74	850600	346400	980	2/11/2011	State of Wyoming
11	3574-16-459	16	35	74	850500	346200	980	1/26/2011	State of Wyoming
11	3574-16-460	16	35	74	850500	346300	1000	1/26/2011	State of Wyoming
11	3574-16-461	16	35	74	851400	346450	1040	2/17/2011	State of Wyoming
11	3574-16-462	16	35	74	851500	345700	1080	1/13/2011	State of Wyoming
11	3574-16-463	16	35	74	851500	345700	1080	3/1/2011	State of Wyoming
11	3574-16-464	16	35	74	851200	345900	1140	1/21/2011	State of Wyoming
11	3574-16-465	16	35	74	850300	346150	960	1/24/2011	State of Wyoming
11	3574-16-466	16	35	74	850300	346200	960	2/7/2011	State of Wyoming
11	3574-16-467	16	35	74	850250	346350	920	1/26/2011	State of Wyoming
11	3574-16-468	16	35	74	850300	346400	920	2/16/2011	State of Wyoming
11	3574-16-469	16	35	74	850250	346450	940	2/17/2011	State of Wyoming
11	3574-16-470	16	35	74	850100	346300	920	1/27/2011	State of Wyoming
11	3574-16-471	16	35	74	850100	346400	920	1/26/2011	State of Wyoming
11	3574-16-472	16	35	74	850100	346500	920	2/14/2011	State of Wyoming
11	3574-16-473	16	35	74	849950	346450	900	1/26/2011	State of Wyoming
11	3574-16-474	16	35	74	849950	346500	900	1/28/2011	State of Wyoming
11	3574-16-475	16	35	74	849950	346600	900	1/28/2011	State of Wyoming
11	3574-16-476	16	35	74	850950	345650	980	3/22/2011	State of Wyoming
11	3574-16-477	16	35	74	850900	345700	980	2/15/2011	State of Wyoming
11	3574-16-478	16	35	74	851150	345700	1040	2/22/2011	State of Wyoming
11	3574-16-479	16	35	74	851350	345650	1040	2/22/2011	State of Wyoming
11	3574-16-480	16	35	74	851150	345500	1000	3/21/2011	State of Wyoming
11	3574-16-481	16	35	74	851500	345500	1000	2/24/2011	State of Wyoming
11	3574-16-482	16	35	74	851050	345550	1000	3/22/2011	State of Wyoming
11	3574-16-483	16	35	74	851050	345650	1000	2/22/2011	State of Wyoming
11	3574-16-484	16	35	74	850700	345600	920	2/16/2011	State of Wyoming
11	3574-16-485	16	35	74	850900	346000	1100	2/14/2011	State of Wyoming
11	3574-16-486	16	35	74	851200	346100	980	2/22/2011	State of Wyoming
11	3574-16-487	16	35	74	850500	345600	900	2/17/2011	State of Wyoming
11	3574-16-488	16	35	74	851150	345850	1000	3/2/2011	State of Wyoming
11	3574-16-489	16	35	74	850300	346400	920	2/23/2011	State of Wyoming

TABLE 10-1: PERMIT #633 DELINEATION DRILL LES (APRIL 1, 2010 THROUGH APRIL 30, 2011)
821 delineation holes

Mine Unit	Delineation Number	Section	Township	Range	Northing	Easting	Total Drilled Depth	Drill Completion Date	Surface Ownership
11	3574-16-490	16	35	74	850250	345650	900	3/21/2011	State of Wyoming
11	3574-16-491	16	35	74	850250	346300	900	3/23/2011	State of Wyoming
11	3574-16-492	16	35	74	851650	345950	1060	3/17/2011	State of Wyoming
11	3574-16-493	16	35	74	851850	345950	1100	3/16/2011	State of Wyoming
11	3574-16-494	16	35	74	851850	345650	1020	3/22/2011	State of Wyoming
11	3574-16-496	16	35	74	851350	345750	1000	3/16/2011	State of Wyoming
11	3574-16-497	16	35	74	851550	345200	1000	3/24/2011	State of Wyoming
11	3574-16-498	16	35	74	851250	345950	1040	3/16/2011	State of Wyoming
11	3574-16-499	16	35	74	851050	345900	960	3/18/2011	State of Wyoming
11	3574-16-500	16	35	74	850550	346050	940	3/23/2011	State of Wyoming
11	3574-16-501	16	35	74	850450	346250	940	3/24/2011	State of Wyoming
11	3574-16-502	16	35	74	850450	346250	940	3/24/2011	State of Wyoming
11	3574-16-503	16	35	74	850350	345750	900	3/22/2011	State of Wyoming
11	3574-16-504	16	35	74	850150	346350	880	3/16/2011	State of Wyoming
11	3574-16-505	16	35	74	850150	346350	700	3/21/2011	State of Wyoming
11	3574-16-506	16	35	74	850100	346600	900	3/21/2011	State of Wyoming
11	3574-16-507	16	35	74	849950	346050	860	3/23/2011	State of Wyoming
11	3574-16-508	16	35	74	850500	345500	900	3/21/2011	State of Wyoming
11	3574-16-509	16	35	74	849950	346600	900	3/10/2011	State of Wyoming
11	3574-16-511	16	35	74	849950	346600	900	3/16/2011	State of Wyoming
11	3574-16-520	16	35	74	850000	346600	880	4/14/2011	State of Wyoming
11	3574-16-521	16	35	74	849900	346500	880	4/12/2011	State of Wyoming
11	3574-16-528	16	35	74	851000	345700	980	4/14/2011	State of Wyoming
11	3574-16-529	16	35	74	850950	345750	980	4/11/2011	State of Wyoming
11	3574-16-534	16	35	74	850500	346000	920	4/14/2011	State of Wyoming
11	3574-21-175	21	35	74	849800	346300	900	1/28/2011	Smith Land Company
11	3574-21-176	21	35	74	849800	346400	900	2/22/2011	Smith Land Company
11	3574-21-177	21	35	74	849800	346500	900	2/22/2011	Smith Land Company
11	3574-21-178	21	35	74	849800	346600	900	2/15/2011	Smith Land Company
11	3574-21-179	21	35	74	849700	346300	900	3/2/2011	Smith Land Company
11	3574-21-180	21	35	74	849700	346400	900	3/1/2011	Smith Land Company
11	3574-21-181	21	35	74	849700	346500	900	2/28/2011	Smith Land Company
11	3574-21-182	21	35	74	849700	346400	880	2/28/2011	Smith Land Company
11	3574-21-183	21	35	74	849600	346200	880	3/3/2011	Smith Land Company
11	3574-21-184	21	35	74	849600	346250	880	3/2/2011	Smith Land Company
11	3574-21-185	21	35	74	849550	346400	880	3/2/2011	Smith Land Company
11	3574-21-186	21	35	74	849600	346500	880	2/28/2011	Smith Land Company
11	3574-21-187	21	35	74	849400	346500	860	4/1/2011	Smith Land Company

TABLE 10-1: PERMIT #633 DELINEATION DRILL (LES APRIL 1, 2010 THROUGH APRIL 30, 2011)
821 delineation holes

Mine Unit	Delineation Number	Section	Township	Range	Northing	Easting	Total Drilled Depth	Drill Completion Date	Surface Ownership
11	3574-21-188	21	35	74	849350	346600	860	3/3/2011	Smith Land Company
11	3574-21-189	21	35	74	849350	346700	860	3/3/2011	Smith Land Company
11	3574-21-190	21	35	74	849200	346800	860	3/8/2011	Smith Land Company
11	3574-21-191	21	35	74	849100	346700	860	3/8/2011	Smith Land Company
11	3574-21-192	21	35	74	848950	346400	840	3/7/2011	Smith Land Company
11	3574-21-193	21	35	74	848950	346550	840	3/8/2011	Smith Land Company
11	3574-21-194	21	35	74	848850	346400	840	3/9/2011	Smith Land Company
11	3574-21-195	21	35	74	848850	346500	280	3/10/2011	Smith Land Company
11	3574-21-196	21	35	74	848650	346700	840	3/8/2011	Smith Land Company
11	3574-21-197	21	35	74	848550	346600	840	3/14/2011	Smith Land Company
11	3574-21-198	21	35	74	848550	346700	840	3/9/2011	Smith Land Company
11	3574-21-199	21	35	74	849800	346600	900	2/18/2011	Smith Land Company
11	3574-21-200	21	35	74	849700	346600	860	3/15/2011	Smith Land Company
11	3574-21-201	21	35	74	849600	346400	860	3/16/2011	Smith Land Company
11	3574-21-202	21	35	74	849550	346450	840	3/21/2011	Smith Land Company
11	3574-21-203	21	35	74	849500	346350	840	3/17/2011	Smith Land Company
11	3574-21-204	21	35	74	849400	346100	840	4/14/2011	Smith Land Company
11	3574-21-205	21	35	74	849400	346250	840	3/21/2011	Smith Land Company
11	3574-21-206	21	35	74	849200	346200	840	3/28/2011	Smith Land Company
11	3574-21-207	21	35	74	849200	346300	840	3/25/2011	Smith Land Company
11	3574-21-209	21	35	74	848900	346300	840	3/14/2011	Smith Land Company
11	3574-21-210	21	35	74	848800	346600	820	3/31/2011	Smith Land Company
11	3574-21-211	21	35	74	848550	346500	820	3/14/2011	Smith Land Company
11	3574-21-230	21	35	74	849350	346650	840	4/7/2011	Smith Land Company
11	3574-21-231	21	35	74	849350	346550	840	4/4/2011	Smith Land Company
11	3574-21-232	21	35	74	849550	346250	840	3/29/2011	Smith Land Company
11	3574-21-233	21	35	74	849550	346150	840	3/31/2011	Smith Land Company
11	3574-21-234	21	35	74	848650	346650	840	3/29/2011	Smith Land Company
11	3574-21-236	21	35	74	849950	346500	840	3/25/2011	Smith Land Company
11	3574-21-237	21	35	74	849200	346700	860	3/31/2011	Smith Land Company
11	3574-21-238	21	35	74	849100	346600	840	3/29/2011	Smith Land Company
11	3574-21-239	21	35	74	849100	346800	840	3/29/2011	Smith Land Company
11	3574-21-240	21	35	74	848900	346500	840	3/28/2011	Smith Land Company
11	3574-21-241	21	35	74	848550	346800	840	3/30/2011	Smith Land Company
11	3574-21-242	21	35	74	848600	346500	840	3/28/2011	Smith Land Company
11	3574-21-243	21	35	74	848700	346500	820	3/28/2011	Smith Land Company
11	3574-21-244	21	35	74	848550	346550	820	3/29/2011	Smith Land Company
11	3574-21-245	21	35	74	878550	346650	820	4/11/2011	Smith Land Company

TABLE 10-1: PERMIT #633 DELINEATION DRILL LES (APRIL 1, 2010 THROUGH APRIL 30, 2011)

821 delineation holes

Mine Unit	Delineation Number	Section	Township	Range	Northing	Easting	Total Drilled Depth	Drill Completion Date	Surface Ownership
11	3574-21-246	21	35	74	848950	346250	840	3/24/2011	Smith Land Company
11	3574-21-247	21	35	74	849700	346600	860	3/29/2011	Smith Land Company
11	3574-21-249	21	35	74	849350	346300	840	3/31/2011	Smith Land Company
11	3574-21-250	21	35	74	849550	346350	840	4/8/2011	Smith Land Company
11	3574-21-251	21	35	74	849300	346250	840	4/11/2011	Smith Land Company
11	3574-21-252	21	35	74	849250	346400	840	4/12/2011	Smith Land Company
11	3574-21-253	21	35	74	849200	346400	840	4/8/2011	Smith Land Company
11	3574-21-254	21	35	74	849150	346350	840	4/7/2011	Smith Land Company
11	3574-21-255	21	35	74	848700	346400	820	4/8/2011	Smith Land Company
11	3574-21-256	21	35	74	848650	346450	820	4/7/2011	Smith Land Company
11	3574-21-257	21	35	74	848700	346600	820	4/7/2011	Smith Land Company
11	3574-21-259	21	35	74	849050	346450	820	4/1/2011	Smith Land Company
11	3574-21-260	21	35	74	849050	346350	960	4/5/2011	Smith Land Company
11	3574-21-261	21	35	74	849050	346250	820	4/5/2011	Smith Land Company
11	3574-21-262	21	35	74	848900	346250	820	4/5/2011	Smith Land Company
KN	3673-19-1031	19	36	73	876620	364831	900	7/2/2010	Vollman Ranches
KN	3673-19-1032	19	36	73	876427	364931	900	7/7/2010	Vollman Ranches
KN	3673-19-1033	19	36	73	876807	364734	900	7/15/2010	Vollman Ranches
KN	3673-19-1034	19	36	73	876807	364734	900	7/15/2010	Vollman Ranches
KN	3673-19-1035	19	36	73	876799	364942	900	7/23/2010	Vollman Ranches
KN	3673-19-1036	19	36	73	876752	364994	900	7/30/2010	Vollman Ranches
KN	3673-19-1036	19	36	73	876752	364994	900	7/30/2010	Vollman Ranches
KN	3673-19-1037	19	36	73	878373	365260	900	8/25/2010	Vollman Ranches
KN	3673-19-1038	19	36	73	876507	364852	900	8/26/2010	Vollman Ranches
KN	3673-19-1039	19	36	73	877609	364961	900	8/19/2010	Vollman Ranches
KN	3673-19-1040	19	36	73	878751	365396	900	10/26/2010	Vollman Ranches
KN	3673-19-1041	19	36	73	878747	365238	900	11/1/2010	Vollman Ranches
KN	3673-19-1042	19	36	73	878780	365300	900	11/7/2010	Vollman Ranches
KN	3673-19-1043	19	36	73	878780	365300	540	11/10/2010	Vollman Ranches
KN	3673-19-1044	19	36	73	878656	365208	900	11/15/2010	Vollman Ranches
KN	3673-19-1045	19	36	73	878780	365300	900	11/17/2010	Vollman Ranches
KN	3673-19-1046	19	36	73	878718	365334	900	11/30/2010	Vollman Ranches
KN	3674-24-490	24	36	74	876257	364335	960	9/30/2010	Smith Sheep Company
Hole not on a mine unit on #633									
	3574-4-276	4	35	74	862707	343744	904	3/23/2011	Smith Land Company
	3574-4-277	4	35	74	862907	343944	902	3/22/2011	Smith Land Company
	3574-4-278	4	35	74	863666	344180	866	3/29/2011	Smith Sheep Company
	3574-4-279	4	35	74	863765	344793	866	3/28/2011	Smith Sheep Company

TABLE 10-1: PERMIT #633 DELINEATION DRILL LES (APRIL 1, 2010 THROUGH APRIL 30, 2011)
821 delineation holes

Mine Unit	Delineation Number	Section	Township	Range	Northing	Easting	Total Drilled Depth	Drill Completion Date	Surface Ownership
	3574-4-280	4	35	74	862757	343794	1007	3/30/2011	Smith Land Company
	3574-4-281	4	35	74	862957	343944	1007	3/29/2011	Smith Land Company
	3574-4-282	4	35	74	863107	343944	926	4/5/2011	Smith Sheep Company
	3574-4-283	4	35	74	862957	343994	963	4/7/2011	Smith Land Company
	3574-4-284	4	35	74	864870	344570	826	4/7/2011	Smith Sheep Company
	3574-4-285	4	35	74	865299	343794	764	4/4/2011	Smith Sheep Company
	3574-4-286	4	35	74	863157	343944	922	4/11/2011	Smith Sheep Company
	3574-4-287	4	35	74	864053	345396	905	4/8/2011	Smith Sheep Company
	3574-4-288	4	35	74	864878	345347	847	4/26/2011	Smith Sheep Company
	3574-4-289	4	35	74	864687	345399	850	4/18/2011	Smith Sheep Company
	3574-4-290	4	35	74	864602	345869	863	4/11/2011	Smith Sheep Company
	3574-4-291	4	35	74	865012	344564	826	4/11/2011	Smith Sheep Company
	3574-4-292	4	35	74	865485	343713	763	4/18/2011	Smith Sheep Company
	3574-4-293	4	35	74	863045	348270	905	4/12/2011	Smith Sheep Company
	3574-4-294	4	35	74	863684	343810	924	4/20/2011	Smith Sheep Company
	3574-4-296	4	35	74	863957	343793	922	4/26/2011	Smith Sheep Company
	3574-4-297	4	35	74	863958	343999	882	4/26/2011	Smith Sheep Company
	3574-4-298	4	35	74	864071	344001	857	4/26/2011	Smith Sheep Company
	3574-4-299	4	35	74	863805	344124	862	4/21/2011	Smith Sheep Company
	3574-4-300	4	35	74	864076	344171	863	4/26/2011	Smith Sheep Company
	3574-4-301	4	35	74	863853	344597	862	4/12/2011	Smith Sheep Company
	3574-4-303	4	35	74	864175	344385	923	4/21/2011	Smith Sheep Company
	3574-4-305	4	35	74	863815	344743	922	4/20/2011	Smith Sheep Company
	3574-4-306	4	35	74	862845	348270	904	4/28/2011	Smith Sheep Company
	3574-4-307	4	35	74	864130	344924	922	4/26/2011	Smith Sheep Company
	3574-4-308	4	35	74	863932	344974	901	4/21/2011	Smith Sheep Company
	3574-4-309	4	35	74	863942	345204	926	4/26/2011	Smith Sheep Company
	3574-4-312	4	35	74	864272	344346	922	4/20/2011	Smith Sheep Company
	3574-4-313	4	35	74	863976	344171	923	4/28/2011	Smith Sheep Company
	3574-4-314	4	35	74	864552	345869	926	4/2/2011	Smith Sheep Company
	3574-4-315	4	35	74	863017	343844	922	4/28/2011	Smith Sheep Company
	3574-4-318	4	35	74	863853	344547	902	4/28/2011	Smith Sheep Company
	3574-4-320	4	35	74	864175	344435	925	5/2/2011	Smith Sheep Company
	3574-4-321	4	35	74	863641	343749	882	4/28/2011	Smith Sheep Company
	3574-5-536	5	35	74	860820	341074	1003	7/28/2010	Smith Sheep Company
	3574-5-537	5	35	74	860769	340579	1001	7/30/2010	Smith Sheep Company
	3574-5-538	5	35	74	860870	340723	1003	7/29/2010	Smith Sheep Company
	3574-5-539	5	35	74	860898	338382	1003	8/2/2010	Smith Sheep Company

TABLE 10-1: PERMIT #633 DELINEATION DRILL LOGS (APRIL 1, 2010 THROUGH APRIL 30, 2011)

821 delineation holes

Mine Unit	Delineation Number	Section	Township	Range	Northing	Easting	Total Drilled Depth	Drill Completion Date	Surface Ownership
	3574-5-540	5	35	74	861104	338382	1003	8/2/2010	Smith Sheep Company
	3574-5-541	5	35	74	860920	340723	1002	7/28/2010	Smith Sheep Company
	3574-5-542	5	35	74	861104	338482	986	7/30/2010	Smith Sheep Company
	3574-5-543	5	35	74	861104	338482	986	7/30/2010	Smith Sheep Company
	3574-5-544	5	35	74	860957	338869	30	8/2/2010	Smith Sheep Company
	3574-5-545	5	35	74	861108	338821	540	8/2/2010	Smith Sheep Company
	3574-5-546	5	35	74	861120	341374	1003	8/2/2010	Smith Sheep Company
	3574-5-547	5	35	74	860666	340325	1001	8/5/2010	Smith Sheep Company
	3574-5-548	5	35	74	860870	340623	1001	8/5/2010	Smith Sheep Company
	3574-5-549	5	35	74	860920	340723	1001	8/3/2010	Smith Sheep Company
	3574-5-550	5	35	74	860970	340923	1002	8/3/2010	Smith Sheep Company
	3574-5-551	5	35	74	860864	338940	1003	8/5/2010	Smith Sheep Company
	3574-5-552	5	35	74	860802	338578	1000	8/6/2010	Smith Sheep Company
	3574-5-553	5	35	74	860902	338528	1002	8/4/2010	Smith Sheep Company
	3574-5-554	5	35	74	861159	339240	1004	8/9/2010	Smith Sheep Company
	3574-5-555	5	35	74	861276	339520	120	8/9/2010	Smith Sheep Company
	3574-5-556	5	35	74	861369	339555	1002	8/9/2010	Smith Sheep Company
	3574-5-557	5	35	74	861476	339646	1004	8/11/2010	Smith Sheep Company
	3574-5-558	5	35	74	861220	341374	861	8/13/2010	Smith Sheep Company
	3574-5-559	5	35	74	861413	339243	1003	8/10/2010	Smith Sheep Company
	3574-5-560	5	35	74	861614	338541	1005	8/16/2010	Smith Sheep Company
	3574-5-561	5	35	74	861833	338856	1003	8/17/2010	Smith Sheep Company
	3574-5-562	5	35	74	861996	339233	1004	8/16/2010	Smith Sheep Company
	3574-5-563	5	35	74	861835	339894	1004	8/17/2010	Smith Sheep Company
	3574-5-564	5	35	74	861070	340923	940	8/10/2010	Smith Sheep Company
	3574-5-565	5	35	74	860970	340723	1001	8/9/2010	Smith Sheep Company
	3574-5-566	5	35	74	860747	338360	1005	8/13/2010	Smith Sheep Company
	3574-5-567	5	35	74	860752	338578	1002	8/10/2010	Smith Sheep Company
	3574-5-568	5	35	74	860811	338680	1002	8/11/2010	Smith Sheep Company
	3574-5-569	5	35	74	860864	339095	1002	8/12/2010	Smith Sheep Company
	3574-5-570	5	35	74	861054	339110	867	8/12/2010	Smith Sheep Company
	3574-5-571	5	35	74	860424	339759	1000	8/12/2010	Smith Sheep Company
	3574-5-572	5	35	74	860819	340579	1002	8/12/2010	Smith Sheep Company
	3574-5-573	5	35	74	861020	340773	998	8/11/2010	Smith Sheep Company
	3574-5-574	5	35	74	861473	339446	1000	8/16/2010	Smith Sheep Company
	3574-5-575	5	35	74	861315	339353	1003	8/13/2010	Smith Sheep Company
	3574-5-576	5	35	74	861470	341374	1005	8/18/2010	Smith Sheep Company
	3574-5-577	5	35	74	861170	340923	1003	8/19/2010	Smith Sheep Company

TABLE 10-1: PERMIT #633 DELINEATION DRILL HOLES (APRIL 1, 2010 THROUGH APRIL 30, 2011)

821 delineation holes

Mine Unit	Delineation Number	Section	Township	Range	Northing	Easting	Total Drilled Depth	Drill Completion Date	Surface Ownership
	3574-5-578	5	35	74	860820	340623	1004	8/17/2010	Smith Sheep Company
	3574-5-579	5	35	74	861054	339160	1007	8/17/2010	Smith Sheep Company
	3574-5-580	5	35	74	861743	339706	940	8/18/2010	Smith Sheep Company
	3574-5-581	5	35	74	860476	340216	1004	8/23/2010	Smith Sheep Company
	3574-5-582	5	35	74	860697	338375	1004	8/18/2010	Smith Sheep Company
	3574-5-583	5	35	74	862017	339100	260	8/19/2010	Smith Sheep Company
	3574-5-584	5	35	74	862284	339537	992	8/18/2010	Smith Sheep Company
	3574-5-585	5	35	74	861976	339802	1004	8/17/2010	Smith Sheep Company
	3574-5-586	5	35	74	861810	338592	994	8/23/2010	Smith Sheep Company
	3574-5-587	5	35	74	861564	338541	1005	8/19/2010	Smith Sheep Company
	3574-5-588	5	35	74	862026	339902	1005	8/20/2010	Smith Sheep Company
	3574-5-589	5	35	74	861905	340087	1005	8/23/2010	Smith Sheep Company
	3574-5-590	5	35	74	861933	340233	1004	8/24/2010	Smith Sheep Company
	3574-5-591	5	35	74	861070	340823	999	8/19/2010	Smith Sheep Company
	3574-5-592	5	35	74	861693	339656	911	8/24/2010	Smith Sheep Company
	3574-5-593	5	35	74	861669	340135	1003	8/23/2010	Smith Sheep Company
	3574-5-594	5	35	74	861270	340923	944	8/23/2010	Smith Sheep Company
	3574-5-595	5	35	74	861670	341374	1005	8/25/2010	Smith Sheep Company
	3574-5-596	5	35	74	861564	338491	1002	8/24/2010	Smith Sheep Company
	3574-5-597	5	35	74	861664	338591	1003	8/25/2010	Smith Sheep Company
	3574-5-598	5	35	74	861887	339803	1005	8/24/2010	Smith Sheep Company
	3574-5-599	5	35	74	861741	339804	907	8/25/2010	Smith Sheep Company
	3574-5-600	5	35	74	862207	340908	1004	8/26/2010	Smith Sheep Company
	3574-5-601	5	35	74	861976	339920	1005	8/24/2010	Smith Sheep Company
	3574-5-602	5	35	74	861170	340873	1005	8/30/2010	Smith Sheep Company
	3574-5-603	5	35	74	861320	340973	1005	8/31/2010	Smith Sheep Company
	3574-5-604	5	35	74	862007	339100	200	8/30/2010	Smith Sheep Company
	3574-5-605	5	35	74	861719	340185	1003	8/27/2010	Smith Sheep Company
	3574-5-606	5	35	74	862010	338949	1004	8/26/2010	Smith Sheep Company
	3574-5-607	5	35	74	862138	339232	1002	8/26/2010	Smith Sheep Company
	3574-5-608	5	35	74	861855	339987	1005	8/26/2010	Smith Sheep Company
	3574-5-609	5	35	74	861952	338747	1005	8/31/2010	Smith Sheep Company
	3574-5-610	5	35	74	861620	341374	980	8/31/2010	Smith Sheep Company
	3574-5-611	5	35	74	861670	341424	1002	8/30/2010	Smith Sheep Company
	3574-5-612	5	35	74	861643	339656	938	8/31/2010	Smith Sheep Company
	3574-5-613	5	35	74	862623	342027	1003	9/1/2010	Smith Sheep Company
	3574-5-614	5	35	74	862559	341814	1005	9/1/2010	Smith Sheep Company
	3574-5-615	5	35	74	862715	342366	1005	9/3/2010	Smith Sheep Company

TABLE 10-1: PERMIT #633 DELINEATION DRILL LOGS (APRIL 1, 2010 THROUGH APRIL 30, 2011)
821 delineation holes

Mine Unit	Delineation Number	Section	Township	Range	Northing	Easting	Total Drilled Depth	Drill Completion Date	Surface Ownership
	3574-5-616	5	35	74	861644	339656	1002	9/1/2010	Smith Sheep Company
	3574-5-617	5	35	74	862608	341401	1001	9/1/2010	Smith Sheep Company
	3574-5-618	5	35	74	862702	341456	1004	8/31/2010	Smith Sheep Company
	3574-5-619	5	35	74	862800	341623	1005	8/31/2010	Smith Sheep Company
	3574-5-620	5	35	74	862033	340133	1005	9/7/2010	Smith Sheep Company
	3574-5-621	5	35	74	862052	340499	998	9/7/2010	Smith Sheep Company
	3574-5-622	5	35	74	862157	340908	956	9/8/2010	Smith Sheep Company
	3574-5-623	5	35	74	861720	341374	170	9/8/2010	Smith Sheep Company
	3574-5-624	5	35	74	862750	341623	905	9/7/2010	Smith Sheep Company
	3574-5-625	5	35	74	862752	341506	1005	9/7/2010	Smith Sheep Company
	3574-5-626	5	35	74	862661	342189	1004	9/3/2010	Smith Sheep Company
	3574-5-627	5	35	74	863022	341514	1005	9/8/2010	Smith Sheep Company
	3574-5-628	5	35	74	861170	340825	1003	9/10/2010	Smith Sheep Company
	3574-5-629	5	35	74	862609	341864	1005	9/8/2010	Smith Sheep Company
	3574-5-630	5	35	74	862573	342027	1005	9/9/2010	Smith Sheep Company
	3574-5-631	5	35	74	861594	339656	936	9/10/2010	Smith Sheep Company
	3574-5-632	5	35	74	862715	342466	1006	9/9/2010	Smith Sheep Company
	3574-5-633	5	35	74	862765	342366	1002	9/9/2010	Smith Sheep Company
	3574-5-634	5	35	74	862133	340133	985	9/10/2010	Smith Sheep Company
	3574-5-635	5	35	74	862052	340399	1004	9/10/2010	Smith Sheep Company
	3574-5-636	5	35	74	861670	341324	60	9/8/2010	Smith Sheep Company
	3574-5-637	5	35	74	862900	341486	999	9/9/2010	Smith Sheep Company
	3574-5-638	5	35	74	863122	341564	1003	9/10/2010	Smith Sheep Company
	3574-5-639	5	35	74	862637	341041	981	9/15/2010	Smith Sheep Company
	3574-5-640	5	35	74	862731	341202	1005	9/13/2010	Smith Sheep Company
	3574-5-641	5	35	74	862345	341092	1003	9/13/2010	Smith Sheep Company
	3574-5-642	5	35	74	862462	341305	1002	9/15/2010	Smith Sheep Company
	3574-5-643	5	35	74	862718	341928	1005	9/13/2010	Smith Sheep Company
	3574-5-644	5	35	74	862715	342516	1003	9/13/2010	Smith Sheep Company
	3574-5-645	5	35	74	861221	340875	1003	9/14/2010	Smith Sheep Company
	3574-5-646	5	35	74	861372	341075	360	9/16/2010	Smith Sheep Company
	3574-5-647	5	35	74	861720	341423	1005	9/14/2010	Smith Sheep Company
	3574-5-648	5	35	74	863172	341614	1005	9/15/2010	Smith Sheep Company
	3574-5-649	5	35	74	861644	339610	1005	9/15/2010	Smith Sheep Company
	3574-5-650	5	35	74	862233	340133	1005	9/15/2010	Smith Sheep Company
	3574-5-651	5	35	74	862052	340349	1001	9/15/2010	Smith Sheep Company
	3574-5-652	5	35	74	862545	340896	1003	9/16/2010	Smith Sheep Company
	3574-5-653	5	35	74	862781	341202	978	9/16/2010	Smith Sheep Company

TABLE 10-1: PERMIT #633 DELINEATION DRILL HOLES (APRIL 1, 2010 THROUGH APRIL 30, 2011)
821 delineation holes

Mine Unit	Delineation Number	Section	Township	Range	Northing	Easting	Total Drilled Depth	Drill Completion Date	Surface Ownership
	3574-5-654	5	35	74	862902	341327	913	9/20/2010	Smith Sheep Company
	3574-5-655	5	35	74	862665	342566	875	9/17/2010	Smith Sheep Company
	3574-5-656	5	35	74	861770	341374	80	9/20/2010	Smith Sheep Company
	3574-5-657	5	35	74	862569	341978	950	9/20/2010	Smith Sheep Company
	3574-5-658	5	35	74	862025	339955	1003	9/20/2010	Smith Sheep Company
	3574-5-659	5	35	74	862102	340299	1004	9/20/2010	Smith Sheep Company
	3574-5-660	5	35	74	863353	341813	1002	9/20/2010	Smith Sheep Company
	3574-5-661	5	35	74	862849	340020	860	9/22/2010	Smith Sheep Company
	3574-5-662	5	35	74	862233	340233	1006	9/21/2010	Smith Sheep Company
	3574-5-663	5	35	74	862841	341746	1006	9/21/2010	Smith Sheep Company
	3574-5-664	5	35	74	862765	342666	1003	9/21/2010	Smith Sheep Company
	3574-5-665	5	35	74	862102	340349	942	9/22/2010	Smith Sheep Company
	3574-5-666	5	35	74	862075	340005	1005	9/22/2010	Smith Sheep Company
	3574-5-667	5	35	74	862002	340399	1005	9/22/2010	Smith Sheep Company
	3574-5-668	5	35	74	862947	341683	901	9/21/2010	Smith Sheep Company
	3574-5-669	5	35	74	862523	341927	1006	9/22/2010	Smith Sheep Company
	3574-5-670	5	35	74	862263	341763	1000	9/24/2010	Smith Sheep Company
	3574-5-671	5	35	74	862332	340234	1005	9/24/2010	Smith Sheep Company
	3574-5-672	5	35	74	863022	340140	1001	9/27/2010	Smith Sheep Company
	3574-5-673	5	35	74	863347	340504	972	9/29/2010	Smith Sheep Company
	3574-5-674	5	35	74	862509	341664	1005	9/27/2010	Smith Sheep Company
	3574-5-675	5	35	74	862715	342665	1004	9/27/2010	Smith Sheep Company
	3574-5-676	5	35	74	862232	340334	1006	9/28/2010	Smith Sheep Company
	3574-5-677	5	35	74	863301	340254	990	9/29/2010	Smith Sheep Company
	3574-5-678	5	35	74	863464	340355	1005	9/30/2010	Smith Sheep Company
	3574-5-679	5	35	74	863304	341113	1003	10/7/2010	Smith Sheep Company
	3574-5-680	5	35	74	862949	340020	1003	9/28/2010	Smith Sheep Company
	3574-5-681	5	35	74	862076	340056	1005	9/28/2010	Smith Sheep Company
	3574-5-682	5	35	74	862263	341713	1004	9/28/2010	Smith Sheep Company
	3574-5-683	5	35	74	862382	340234	960	9/29/2010	Smith Sheep Company
	3574-5-684	5	35	74	863194	340834	1003	10/1/2010	Smith Sheep Company
	3574-5-685	5	35	74	863537	341918	946	9/29/2010	Smith Sheep Company
	3574-5-686	5	35	74	864086	341336	925	10/18/2010	Smith Sheep Company
	3574-5-687	5	35	74	864757	342029	1004	10/6/2010	Smith Sheep Company
	3574-5-688	5	35	74	862765	342715	1005	10/1/2010	Smith Sheep Company
	3574-5-689	5	35	74	863072	340190	1006	9/30/2010	Smith Sheep Company
	3574-5-690	5	35	74	862126	339956	1002	10/5/2010	Smith Sheep Company
	3574-5-691	5	35	74	863028	340009	1005	10/7/2010	Smith Sheep Company

TABLE 10-1: PERMIT #633 DELINEATION DRILL LES (APRIL 1, 2010 THROUGH APRIL 30, 2011)

821 delineation holes

Mine Unit	Delineation Number	Section	Township	Range	Northing	Easting	Total Drilled Depth	Drill Completion Date	Surface Ownership
	3574-5-692	5	35	74	863347	340604	1004	10/4/2010	Smith Sheep Company
	3574-5-693	5	35	74	862382	340134	919	10/4/2010	Smith Sheep Company
	3574-5-694	5	35	74	863414	340305	962	10/4/2010	Smith Sheep Company
	3574-5-695	5	35	74	863871	340914	1004	10/5/2010	Smith Sheep Company
	3574-5-696	5	35	74	863122	340190	1005	10/5/2010	Smith Sheep Company
	3574-5-697	5	35	74	863072	340240	1005	10/6/2010	Smith Sheep Company
	3574-5-698	5	35	74	863119	340844	1004	10/5/2010	Smith Sheep Company
	3574-5-699	5	35	74	863451	342171	1004	10/6/2010	Smith Sheep Company
	3574-5-700	5	35	74	863855	842297	1005	10/6/2010	Smith Sheep Company
	3574-5-701	5	35	74	862815	342715	977	10/22/2010	Smith Sheep Company
	3574-5-702	5	35	74	863464	340405	1004	10/12/2010	Smith Sheep Company
	3574-5-703	5	35	74	864596	341581	903	10/12/2010	Smith Sheep Company
	3574-5-704	5	35	74	864736	341737	671	10/7/2010	Smith Sheep Company
	3574-5-705	5	35	74	863970	342583	962	10/7/2010	Smith Sheep Company
	3574-5-706	5	35	74	864024	342774	1004	10/12/2010	Smith Sheep Company
	3574-5-707	5	35	74	864123	342875	1006	10/18/2010	Smith Sheep Company
	3574-5-708	5	35	74	863871	340964	1005	10/13/2010	Smith Sheep Company
	3574-5-709	5	35	74	864757	342079	902	10/18/2010	Smith Sheep Company
	3574-5-710	5	35	74	863401	342171	917	10/13/2010	Smith Sheep Company
	3574-5-711	5	35	74	862328	340086	1003	10/13/2010	Smith Sheep Company
	3574-5-712	5	35	74	863399	340605	1005	10/14/2010	Smith Sheep Company
	3574-5-713	5	35	74	864736	341687	785	10/13/2010	Smith Sheep Company
	3574-5-714	5	35	74	863920	342583	1000	10/19/2010	Smith Sheep Company
	3574-5-715	5	35	74	864227	342880	1002	10/14/2010	Smith Sheep Company
	3574-5-716	5	35	74	863921	340914	1004	10/15/2010	Smith Sheep Company
	3574-5-717	5	35	74	864075	342528	993	10/20/2010	Smith Sheep Company
	3574-5-718	5	35	74	864318	343030	1007	10/21/2010	Smith Sheep Company
	3574-5-719	5	35	74	862176	339906	914	10/19/2010	Smith Sheep Company
	3574-5-720	5	35	74	863449	340705	918	10/19/2010	Smith Sheep Company
	3574-5-721	5	35	74	865132	342265	744	10/28/2010	Smith Sheep Company
	3574-5-722	5	35	74	862780	338799	906	10/21/2010	Smith Sheep Company
	3574-5-723	5	35	74	862504	339358	953	10/20/2010	Smith Sheep Company
	3574-5-724	5	35	74	865062	342468	729	11/16/2010	Smith Sheep Company
	3574-5-725	5	35	74	863499	340805	1005	10/27/2010	Smith Sheep Company
	3574-5-726	5	35	74	864036	341236	120	10/27/2010	Smith Sheep Company
	3574-5-727	5	35	74	864206	341085	803	10/28/2010	Smith Sheep Company
	3574-5-728	5	35	74	864812	342568	742	10/28/2010	Smith Sheep Company
	3574-5-729	5	35	74	864990	343022	726	10/28/2010	Smith Sheep Company

TABLE 10-1: PERMIT #633 DELINEATION DRILL LOGS (APRIL 1, 2010 THROUGH APRIL 30, 2011)
821 delineation holes

Mine Unit	Delineation Number	Section	Township	Range	Northing	Easting	Total Drilled Depth	Drill Completion Date	Surface Ownership
	3574-5-730	5	35	74	865022	343280	747	11/4/2010	Smith Sheep Company
	3574-5-731	5	35	74	862504	339458	883	11/3/2010	Smith Sheep Company
	3574-5-732	5	35	74	862454	339258	883	11/2/2010	Smith Sheep Company
	3574-5-733	5	35	74	864001	340995	824	11/2/2010	Smith Sheep Company
	3574-5-734	5	35	74	864547	341440	759	12/6/2010	Smith Sheep Company
	3574-5-735	5	35	74	864757	342229	120	11/1/2010	Smith Sheep Company
	3574-5-736	5	35	74	864227	342930	865	11/3/2010	Smith Sheep Company
	3574-5-737	5	35	74	863175	340017	784	11/2/2010	Smith Sheep Company
	3574-5-738	5	35	74	863549	340805	803	11/2/2010	Smith Sheep Company
	3574-5-739	5	35	74	863986	341136	763	11/1/2010	Smith Sheep Company
	3574-5-740	5	35	74	864686	343482	825	11/20/2010	Smith Sheep Company
	3574-5-741	5	35	74	864338	342864	804	11/2/2010	Smith Sheep Company
	3574-5-742	5	35	74	864177	342830	824	11/4/2010	Smith Sheep Company
	3574-5-743	5	35	74	863446	343447	903	11/3/2010	Smith Sheep Company
	3574-5-744	5	35	74	862965	342837	900	11/4/2010	Smith Sheep Company
	3574-5-745	5	35	74	862554	339308	803	11/23/2010	Smith Sheep Company
	3574-5-746	5	35	74	864857	342179	763	11/5/2010	Smith Sheep Company
	3574-5-747	5	35	74	865082	342265	768	11/5/2010	Smith Sheep Company
	3574-5-748	5	35	74	864857	342761	802	11/4/2010	Smith Sheep Company
	3574-5-749	5	35	74	862760	339824	803	11/23/2010	Smith Sheep Company
	3574-5-750	5	35	74	863125	339917	784	11/8/2010	Smith Sheep Company
	3574-5-751	5	35	74	863249	340255	804	11/6/2010	Smith Sheep Company
	3574-5-752	5	35	74	863349	340253	803	11/8/2010	Smith Sheep Company
	3574-5-753	5	35	74	863554	340762	802	11/6/2010	Smith Sheep Company
	3574-5-754	5	35	74	862864	342715	877	11/5/2010	Smith Sheep Company
	3574-5-755	5	35	74	863351	342121	880	11/12/2010	Smith Sheep Company
	3574-5-756	5	35	74	862814	342665	884	11/12/2010	Smith Sheep Company
	3574-5-757	5	35	74	863063	342998	903	11/18/2010	Smith Sheep Company
	3574-5-758	5	35	74	863446	343397	904	11/18/2010	Smith Sheep Company
	3574-5-759	5	35	74	863078	340291	864	11/19/2010	Smith Sheep Company
	3574-5-760	5	35	74	863661	340806	803	11/18/2010	Smith Sheep Company
	3574-5-761	5	35	74	863771	340963	803	11/18/2010	Smith Sheep Company
	3574-5-762	5	35	74	863113	343048	900	11/15/2010	Smith Sheep Company
	3574-5-763	5	35	74	862869	342820	904	11/16/2010	Smith Sheep Company
	3574-5-764	5	35	74	863589	342125	884	11/29/2010	Smith Sheep Company
	3574-5-765	5	35	74	865040	343170	764	11/19/2010	Smith Sheep Company
	3574-5-766	5	35	74	863451	343238	864	11/18/2010	Smith Sheep Company
	3574-5-767	5	35	74	863241	343099	864	11/20/2010	Smith Sheep Company

TABLE 10-1: PERMIT #633 DELINEATION DRILL HOLES (APRIL 1, 2010 THROUGH APRIL 30, 2011)
821 delineation holes

Mine Unit	Delineation Number	Section	Township	Range	Northing	Easting	Total Drilled Depth	Drill Completion Date	Surface Ownership
	3574-5-768	5	35	74	863134	342722	863	11/19/2010	Smith Sheep Company
	3574-5-769	5	35	74	863453	342121	884	11/23/2010	Smith Sheep Company
	3574-5-770	5	35	74	864708	342019	803	12/2/2010	Smith Sheep Company
	3574-5-771	5	35	74	863721	340963	801	11/20/2010	Smith Sheep Company
	3574-5-772	5	35	74	860508	339103	1004	12/6/2010	Smith Sheep Company
	3574-5-773	5	35	74	863393	343449	904	12/2/2010	Smith Sheep Company
	3574-5-774	5	35	74	864051	341045	799	12/2/2010	Smith Sheep Company
	3574-5-775	5	35	74	863467	341396	826	12/8/2010	Smith Sheep Company
	3574-5-776	5	35	74	864205	342663	850	12/3/2010	Smith Sheep Company
	3574-5-777	5	35	74	864239	342769	848	11/29/2010	Smith Sheep Company
	3574-5-778	5	35	74	864275	343109	839	12/7/2010	Smith Sheep Company
	3574-5-779	5	35	74	861968	338951	865	12/10/2010	Smith Sheep Company
	3574-5-780	5	35	74	862882	339227	802	12/2/2010	Smith Sheep Company
	3574-5-781	5	35	74	862982	339227	802	12/3/2010	Smith Sheep Company
	3574-5-782	5	35	74	864183	341555	806	12/3/2010	Smith Sheep Company
	3574-5-783	5	35	74	865104	342471	745	12/6/2010	Smith Sheep Company
	3574-5-784	5	35	74	863952	342299	849	12/7/2010	Smith Sheep Company
	3574-5-785	5	35	74	864950	342214	764	12/7/2010	Smith Sheep Company
	3574-5-786	5	35	74	864982	342365	746	12/8/2010	Smith Sheep Company
	3574-5-787	5	35	74	864987	343172	769	12/13/2010	Smith Sheep Company
	3574-5-788	5	35	74	864791	343391	844	12/9/2010	Smith Sheep Company
	3574-5-789	5	35	74	863603	340834	824	12/9/2010	Smith Sheep Company
	3574-5-790	5	35	74	863789	340912	824	12/10/2010	Smith Sheep Company
	3574-5-791	5	35	74	864685	343581	845	12/13/2010	Smith Sheep Company
	3574-5-792	5	35	74	865059	343432	762	12/10/2010	Smith Sheep Company
	3574-5-793	5	35	74	864234	341694	800	12/9/2010	Smith Sheep Company
	3574-5-794	5	35	74	863300	341922	867	12/9/2010	Smith Sheep Company
	3574-5-795	5	35	74	864897	342216	769	12/10/2010	Smith Sheep Company
	3574-5-796	5	35	74	864932	342366	763	12/13/2010	Smith Sheep Company
	3574-5-797	5	35	74	865152	342473	764	12/13/2010	Smith Sheep Company
	3574-5-798	5	35	74	863912	341129	160	12/13/2010	Smith Sheep Company
	3574-5-799	5	35	74	864174	342533	848	12/14/2010	Smith Sheep Company
	3574-5-800	5	35	74	864834	343441	400	12/14/2010	Smith Sheep Company
	3574-5-801	5	35	74	863202	341823	866	12/16/2010	Smith Sheep Company
	3574-5-802	5	35	74	864337	341845	804	12/16/2010	Smith Sheep Company
	3574-5-803	5	35	74	861917	338950	864	12/13/2010	Smith Sheep Company
	3574-5-804	5	35	74	863838	340987	820	2/11/2011	Smith Sheep Company
	3574-5-805	5	35	74	864000	341293	763	12/14/2010	Smith Sheep Company

TABLE 10-1: PERMIT #633 DELINEATION DRILL LES (APRIL 1, 2010 THROUGH APRIL 30, 2011)
821 delineation holes

Mine Unit	Delineation Number	Section	Township	Range	Northing	Easting	Total Drilled Depth	Drill Completion Date	Surface Ownership
	3574-5-806	5	35	74	865113	343433	742	2/17/2011	Smith Sheep Company
	3574-5-807	5	35	74	864423	342027	802	2/14/2011	Smith Sheep Company
	3574-5-808	5	35	74	864713	342194	802	2/14/2011	Smith Sheep Company
	3574-5-809	5	35	74	863308	343343	887	2/11/2011	Smith Sheep Company
	3574-5-810	5	35	74	863968	341175	761	2/14/2011	Smith Sheep Company
	3574-5-811	5	35	74	863248	342270	880	2/7/2011	Smith Sheep Company
	3574-5-812	5	35	74	863149	343167	899	2/11/2011	Smith Sheep Company
	3574-5-813	5	35	74	862238	339332	861	2/15/2011	Smith Sheep Company
	3574-5-814	5	35	74	863441	343549	826	2/14/2011	Smith Sheep Company
	3574-5-815	5	35	74	865104	343013	761	2/15/2011	Smith Sheep Company
	3574-5-816	5	35	74	865199	343003	761	2/16/2011	Smith Sheep Company
	3574-5-817	5	35	74	862778	339933	820	2/14/2011	Smith Sheep Company
	3574-5-818	5	35	74	860816	338921	900	2/10/2011	Smith Sheep Company
	3574-5-819	5	35	74	860949	338383	906	2/4/2011	Smith Sheep Company
	3574-5-821	5	35	74	861888	339704	905	2/4/2011	Smith Sheep Company
	3574-5-822	5	35	74	864588	342096	802	2/18/2011	Smith Sheep Company
	3574-5-823	5	35	74	861866	338792	917	2/15/2011	Smith Sheep Company
	3574-5-824	5	35	74	862282	340134	846	2/4/2011	Smith Sheep Company
	3574-5-825	5	35	74	862231	340286	880	2/7/2011	Smith Sheep Company
	3574-5-826	5	35	74	862026	340059	928	3/2/2011	Smith Sheep Company
	3574-5-827	5	35	74	862728	339823	801	2/16/2011	Smith Sheep Company
	3574-5-828	5	35	74	861163	338674	905	3/14/2011	Smith Sheep Company
	3574-5-829	5	35	74	861702	338952	922	2/17/2011	Smith Sheep Company
	3574-5-830	5	35	74	861838	339704	919	2/14/2011	Smith Sheep Company
	3574-5-831	5	35	74	863063	342036	833	2/15/2011	Smith Sheep Company
	3574-5-832	5	35	74	863838	341037	819	2/18/2011	Smith Sheep Company
	3574-5-833	5	35	74	863603	340884	340	2/22/2011	Smith Sheep Company
	3574-5-834	5	35	74	863198	342320	830	2/15/2011	Smith Sheep Company
	3574-5-835	5	35	74	863392	343551	865	2/22/2011	Smith Sheep Company
	3574-5-836	5	35	74	863358	343343	884	2/18/2011	Smith Sheep Company
	3574-5-837	5	35	74	864808	342281	80	2/17/2011	Smith Sheep Company
	3574-5-838	5	35	74	863163	342036	865	2/16/2011	Smith Sheep Company
	3574-5-839	5	35	74	861788	339604	861	2/18/2011	Smith Sheep Company
	3574-5-840	5	35	74	863148	342370	885	2/28/2011	Smith Sheep Company
	3574-5-841	5	35	74	865158	343064	760	2/18/2011	Smith Sheep Company
	3574-5-842	5	35	74	865254	343103	760	2/22/2011	Smith Sheep Company
	3574-5-843	5	35	74	863149	343267	863	3/2/2011	Smith Sheep Company
	3574-5-844	5	35	74	862758	339673	806	3/30/2011	Smith Sheep Company

TABLE 10-1: PERMIT #633 DELINEATION DRILL LES (APRIL 1, 2010 THROUGH APRIL 30, 2011)
821 delineation holes

Mine Unit	Delineation Number	Section	Township	Range	Northing	Easting	Total Drilled Depth	Drill Completion Date	Surface Ownership
	3574-5-845	5	35	74	865159	343482	767	2/24/2011	Smith Sheep Company
	3574-5-846	5	35	74	863968	341225	764	2/28/2011	Smith Sheep Company
	3574-5-847	5	35	74	861702	338852	902	2/22/2011	Smith Sheep Company
	3574-5-848	5	35	74	864856	342281	742	3/3/2011	Smith Sheep Company
	3574-5-849	5	35	74	863498	340705	804	2/23/2011	Smith Sheep Company
	3574-5-850	5	35	74	863013	341986	862	3/1/2011	Smith Sheep Company
	3574-5-851	5	35	74	863696	340919	803	3/1/2011	Smith Sheep Company
	3574-5-852	5	35	74	865256	343302	765	3/2/2011	Smith Sheep Company
	3574-5-853	5	35	74	861738	339604	859	3/1/2011	Smith Sheep Company
	3574-5-854	5	35	74	862188	339332	842	2/28/2011	Smith Sheep Company
	3574-5-855	5	35	74	865418	343213	764	3/8/2011	Smith Sheep Company
	3574-5-856	5	35	74	864879	343386	765	3/17/2011	Smith Sheep Company
	3574-5-857	5	35	74	863536	342125	841	3/3/2011	Smith Sheep Company
	3574-5-858	5	35	74	863304	342846	864	3/1/2011	Smith Sheep Company
	3574-5-859	5	35	74	862950	342776	847	3/8/2011	Smith Sheep Company
	3574-5-860	5	35	74	863541	341625	865	3/2/2011	Smith Sheep Company
	3574-5-861	5	35	74	863264	342994	865	3/3/2011	Smith Sheep Company
	3574-5-862	5	35	74	863449	340602	802	3/3/2011	Smith Sheep Company
	3574-5-863	5	35	74	862138	339332	823	3/8/2011	Smith Sheep Company
	3574-5-864	5	35	74	862334	339587	845	3/14/2011	Smith Sheep Company
	3574-5-865	5	35	74	863591	341625	785	3/3/2011	Smith Sheep Company
	3574-5-866	5	35	74	861690	339504	865	3/9/2011	Smith Sheep Company
	3574-5-867	5	35	74	865217	343501	765	3/9/2011	Smith Sheep Company
	3574-5-868	5	35	74	863078	342967	869	3/14/2011	Smith Sheep Company
	3574-5-869	5	35	74	863596	340879	826	3/8/2011	Smith Sheep Company
	3574-5-870	5	35	74	861640	339504	866	3/15/2011	Smith Sheep Company
	3574-5-871	5	35	74	863399	340505	827	3/9/2011	Smith Sheep Company
	3574-5-872	5	35	74	863247	343247	865	3/17/2011	Smith Sheep Company
	3574-5-873	5	35	74	864908	342281	766	3/15/2011	Smith Sheep Company
	3574-5-874	5	35	74	863759	341443	725	3/8/2011	Smith Sheep Company
	3574-5-875	5	35	74	863354	342846	869	3/15/2011	Smith Sheep Company
	3574-5-876	5	35	74	864907	342711	763	3/16/2011	Smith Sheep Company
	3574-5-877	5	35	74	863013	342086	863	3/14/2011	Smith Sheep Company
	3574-5-878	5	35	74	863758	342303	844	3/17/2011	Smith Sheep Company
	3574-5-879	5	35	74	865518	343313	723	3/17/2011	Smith Sheep Company
	3574-5-880	5	35	74	863696	340869	786	3/14/2011	Smith Sheep Company
	3574-5-881	5	35	74	862793	341901	885	3/15/2011	Smith Sheep Company
	3574-5-882	5	35	74	863449	340505	804	3/18/2011	Smith Sheep Company

TABLE 10-1: PERMIT #633 DELINEATION DRILL HOLES (APRIL 1, 2010 THROUGH APRIL 30, 2011)

821 delineation holes

Mine Unit	Delineation Number	Section	Township	Range	Northing	Easting	Total Drilled Depth	Drill Completion Date	Surface Ownership
	3574-5-883	5	35	74	863000	342776	890	3/17/2011	Smith Sheep Company
	3574-5-884	5	35	74	863809	341393	766	3/17/2011	Smith Sheep Company
	3574-5-885	5	35	74	863657	340781	783	3/17/2011	Smith Sheep Company
	3574-5-886	5	35	74	863097	343147	845	3/28/2011	Smith Sheep Company
	3574-5-887	5	35	74	863547	343428	904	3/21/2011	Smith Sheep Company
	3574-5-888	5	35	74	862718	342028	866	3/18/2011	Smith Sheep Company
	3574-5-889	5	35	74	865023	343283	796	3/18/2011	Smith Sheep Company
	3574-5-890	5	35	74	863685	342201	806	3/25/2011	Smith Sheep Company
	3574-5-891	5	35	74	864937	343172	744	3/29/2011	Smith Sheep Company
	3574-5-892	5	35	74	864907	342661	738	3/25/2011	Smith Sheep Company
	3574-5-893	5	35	74	861701	342956	938	4/11/2011	Smith Sheep Company
	3574-5-894	5	35	74	863710	342101	809	4/7/2011	Smith Sheep Company
	3574-5-895	5	35	74	864363	343141	783	3/31/2011	Smith Sheep Company
	3574-5-896	5	35	74	863185	342724	866	3/29/2011	Smith Sheep Company
	3574-5-897	5	35	74	863144	342802	866	3/31/2011	Smith Sheep Company
	3574-5-898	5	35	74	863064	342134	885	4/1/2011	Smith Sheep Company
	3574-5-899	5	35	74	863292	343551	866	4/5/2011	Smith Sheep Company
	3574-5-900	5	35	74	864957	342663	762	4/1/2011	Smith Sheep Company
	3574-5-901	5	35	74	863305	342731	868	4/7/2011	Smith Sheep Company
	3574-5-902	5	35	74	864428	343267	784	4/5/2011	Smith Sheep Company
	3574-5-903	5	35	74	862679	341765	868	4/8/2011	Smith Sheep Company
	3574-5-904	5	35	74	863018	342136	879	4/7/2011	Smith Sheep Company
	3574-5-905	5	35	74	862001	343406	1004	4/8/2011	Smith Sheep Company
	3574-5-906	5	35	74	861070	341124	1002	4/11/2011	Smith Sheep Company
	3574-5-907	5	35	74	864663	342194	738	4/7/2011	Smith Sheep Company
	3574-5-908	5	35	74	864755	342568	765	4/12/2011	Smith Sheep Company
	3574-5-909	5	35	74	863242	343551	865	4/8/2011	Smith Sheep Company
	3574-5-910	5	35	74	863441	343649	864	4/8/2011	Smith Sheep Company
	3574-5-911	5	35	74	863514	343649	864	4/18/2011	Smith Sheep Company
	3574-5-912	5	35	74	863255	342731	863	4/20/2011	Smith Sheep Company
	3574-5-913	5	35	74	863242	343601	926	4/21/2011	Smith Sheep Company
	3574-8-350	8	35	74	860324	339959	1002	7/29/2010	Smith Land Company
	3574-8-351	8	35	74	860003	339203	1003	7/27/2010	Smith Land Company
	3574-8-352	8	35	74	860324	338909	1003	7/28/2010	Smith Land Company
	3574-8-353	8	35	74	860324	339759	1003	8/3/2010	Smith Land Company
	3574-8-354	8	35	74	860424	340067	1002	8/4/2010	Smith Land Company
	3574-8-355	8	35	74	860324	340067	1003	8/4/2010	Smith Land Company
	3574-8-356	8	35	74	860374	339759	1003	8/9/2010	Smith Land Company

TABLE 10-1: PERMIT #633 DELINEATION DRILL LES (APRIL 1, 2010 THROUGH APRIL 30, 2011)
821 delineation holes

Mine Unit	Delineation Number	Section	Township	Range	Northing	Easting	Total Drilled Depth	Drill Completion Date	Surface Ownership
	3574-8-357	8	35	74	860274	339850	999	8/10/2010	Smith Land Company
	3574-8-358	8	35	74	860274	340067	916	8/11/2010	Smith Land Company
	3574-8-359	8	35	74	860365	339677	1002	8/16/2010	Smith Land Company
	3574-8-360	8	35	74	860359	339680	984	10/20/2010	Smith Land Company
	3574-8-361	8	35	74	860233	339330	1006	10/21/2010	Smith Land Company
	3574-8-362	8	35	74	860117	339320	1005	10/28/2010	Smith Land Company
	3574-8-363	8	35	74	860117	339200	1005	12/3/2010	Smith Land Company
	3574-8-364	8	35	74	859967	339105	1003	10/21/2010	Smith Land Company
	3574-8-365	8	35	74	860100	338566	1004	10/22/2010	Smith Land Company
	3574-8-366	8	35	74	862404	339408	962	10/27/2010	Smith Land Company
	3574-8-367	8	35	74	859867	339105	1003	10/29/2010	Smith Land Company
	3574-8-368	8	35	74	859954	338417	943	11/2/2010	Smith Land Company
	3574-8-369	8	35	74	860177	339494	1005	11/3/2010	Smith Land Company
	3574-8-370	8	35	74	860265	339577	954	11/5/2010	Smith Land Company
	3574-8-371	8	35	74	859917	339155	1005	11/11/2010	Smith Land Company
	3574-8-372	8	35	74	860017	339367	940	11/8/2010	Smith Land Company
	3574-8-373	8	35	74	860215	339577	1005	11/15/2010	Smith Land Company
	3574-8-374	8	35	74	860127	339494	1004	11/19/2010	Smith Land Company
	3574-8-375	8	35	74	860045	339314	1005	11/18/2010	Smith Land Company
	3574-8-376	8	35	74	860100	338856	1005	11/29/2010	Smith Land Company
	3574-8-377	8	35	74	860268	338820	925	11/23/2010	Smith Land Company
	3574-8-378	8	35	74	860233	339230	960	12/2/2010	Smith Land Company
	3574-8-379	8	35	74	860399	339055	998	12/8/2010	Smith Land Company
	3574-8-380	8	35	74	860313	339111	1007	12/7/2010	Smith Land Company
	3574-8-381	8	35	74	860400	338971	985	12/9/2010	Smith Land Company
	3574-8-382	8	35	74	860260	339632	1000	12/13/2010	Smith Land Company
	3574-8-383	8	35	74	860320	339684	946	12/14/2010	Smith Land Company
	3574-8-384	8	35	74	860156	338825	945	12/11/2010	Smith Land Company
	3674-34-1458	34	36	74	869665	352957	840	3/1/2011	Smith Land Company

TABLE 2: 2010-2011 ANNUAL REPORT: PLUGGED AND ABANDONED PORT WITH BOND RELEASE REQUEST, PERMIT #633
771 delineation holes

Prepared By Ken Garoutte
Operator Name Cameco Resources
Smith Ranch-Highland Operation
P.O. Box 1210, Glenrock, WY 82637

All coordinates are in Converse County

Mine Unit	Delineation Number	Sect	Township	Range	Northing	Easting	Total Depth	Drill Date	Seed Date	Abandonment Bond Release Request Date	LQD Abandonment Bond Release Date	Vegetation Bond Release Request Date	LQD Vegetation Bond Release Date	Surface Ownership
3	3674-26-2475	26	36	74	873553	356269	700	11/12/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2476	26	36	74	873554	356339	700	11/11/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2477	26	36	74	873668	356174	700	11/13/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2478	26	36	74	873673	356244	700	11/12/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2479	26	36	74	873648	356455	700	11/13/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2480	26	36	74	873763	356366	700	12/17/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2481	26	36	74	873761	356460	700	12/15/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2482	26	36	74	873760	356554	700	11/24/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2483	26	36	74	873759	356648	700	11/16/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2484	26	36	74	873759	356754	700	11/17/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2485	26	36	74	873746	356834	700	11/13/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2486	26	36	74	873849	356754	700	11/16/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2487	26	36	74	873854	356654	700	12/14/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2488	26	36	74	873860	356461	700	11/25/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2489	26	36	74	873856	356461	700	11/20/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2490	26	36	74	873840	356364	700	12/2/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2491	26	36	74	873850	356269	700	12/1/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2492	26	36	74	873954	356353	720	12/1/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2493	26	36	74	873945	356451	720	12/2/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2494	26	36	74	873942	356552	720	11/19/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2495	26	36	74	873946	356648	700	12/2/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2496	26	36	74	873942	356749	700	11/18/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2497	26	36	74	874044	356352	720	11/30/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2498	26	36	74	874046	356458	720	12/30/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2499	26	36	74	874039	356552	720	11/18/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2500	26	36	74	874047	356652	720	12/1/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2501	26	36	74	874126	356665	720	11/30/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2502	26	36	74	874149	356539	220	12/14/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2503	26	36	74	874146	356430	720	11/30/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2504	26	36	74	874246	356428	720	11/25/2009	11/2/2010	6/30/2011				Federal/BLM
3	3674-26-2505	26	36	74	874250	356616	720	12/14/2009	11/2/2010	6/30/2011				Federal/BLM
3	3674-26-2506	26	36	74	874351	356622	700	11/24/2009	11/2/2010	6/30/2011				Federal/BLM
3	3674-26-2507	26	36	74	874352	356452	720	11/24/2009	11/2/2010	6/30/2011				Federal/BLM
3	3674-26-2508	26	36	74	874467	356396	700	11/25/2009	11/2/2010	6/30/2011				Federal/BLM
3	3674-26-2509	26	36	74	874605	356543	700	11/13/2010	11/2/2010	6/30/2011				Federal/BLM

TABLE 2: 2010-2011 ANNUAL REPORT: PLUGGED AND ABANDONED REPORT WITH BOND RELEASE REQUEST, PERMIT #633
771 delineation holes

Mine Unit	Delineation Number	Sect	Twnshp	Range	Northing	Easting	Total Depth	Drill Date	Seed Date	Abandonment Bond Release Request Date	LQD Abandonment Bond Release Date	Vegetation Bond Release Request Date	LQD Vegetation Bond Release Date	Surface Ownership
3	3674-26-2510	26	36	74	874645	356317	740	1/12/2010	11/2/2010	6/30/2011				Federal/BLM
3	3674-26-2511	26	36	74	874674	356535	740	1/5/2010	11/2/2010	6/30/2011				Federal/BLM
3	3674-26-2512	26	36	74	874745	356526	740	1/11/2010	11/2/2010	6/30/2011				Federal/BLM
3	3674-26-2513	26	36	74	874772	356460	740	1/12/2010	11/2/2010	6/30/2011				Federal/BLM
3	3674-26-2514	26	36	74	874760	356790	720	11/20/2009	11/2/2010	6/30/2011				Federal/BLM
3	3674-26-2515	26	36	74	874756	356911	720	11/20/2009	11/2/2010	6/30/2011				Federal/BLM
3	3674-26-2516	26	36	74	874654	356798	720	11/23/2009	11/2/2010	6/30/2011				Federal/BLM
3	3674-26-2517	26	36	74	874659	356888	720	11/19/2009	11/2/2010	6/30/2011				Federal/BLM
3	3674-26-2518	26	36	74	874562	356905	720	11/18/2009	11/2/2010	6/30/2011				Federal/BLM
3	3674-26-2523	26	36	74	873753	356918	740	1/5/2010	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2533	26	36	74	873805	356891	740	12/18/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2534	26	36	74	873850	356852	740	12/18/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2535	26	36	74	873943	356839	740	12/17/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2536	26	36	74	874000	356796	740	12/17/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2537	26	36	74	874050	356747	740	12/16/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2538	26	36	74	874126	356747	740	12/15/2009	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2539	26	36	74	874120	356309	740	1/5/2010	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2540	26	36	74	874195	356739	740	12/15/2009	11/2/2010	6/30/2011				Federal/BLM
3	3674-26-2541	26	36	74	874372	356730	740	1/4/2010	11/2/2010	6/30/2011				Federal/BLM
3	3674-26-2542	26	36	74	874864	356904	740	12/17/2009	11/2/2010	6/30/2011				Federal/BLM
3	3674-26-2543	26	36	74	874863	356789	740	12/18/2009	11/2/2010	6/30/2011				Federal/BLM
3	3674-26-2544	26	36	74	874864	356677	760	1/22/2010	11/2/2010	6/30/2011				Federal/BLM
3	3674-26-2545	26	36	74	874866	356527	760	1/12/2010	11/2/2010	6/30/2011				Federal/BLM
3	3674-26-2546	26	36	74	874733	356662	760	1/25/2010	11/2/2010	6/30/2011				Federal/BLM
3	3674-26-2547	26	36	74	874050	356823	740	1/12/2010	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2548	26	36	74	874094	356784	740	1/15/2010	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2550	26	36	74	873857	356920	740	1/14/2010	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2551	26	36	74	873742	356237	740	1/13/2010	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2552	26	36	74	873740	356133	740	1/21/2010	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2553	26	36	74	874651	356701	760	1/20/2010	11/2/2010	6/30/2011				Federal/BLM
3	3674-26-2554	26	36	74	874656	356607	740	1/25/2010	11/2/2010	6/30/2011				Federal/BLM
3	3674-26-2555	26	36	74	874605	356639	740	1/20/2010	11/2/2010	6/30/2011				Federal/BLM
3	3674-26-2556	26	36	74	874653	356954	740	1/15/2010	11/2/2010	6/30/2011				Federal/BLM
3	3674-26-2557	26	36	74	874757	356988	900	1/18/2010	11/2/2010	6/30/2011				Federal/BLM
3	3674-26-2558	26	36	74	874810	357026	740	1/18/2010	11/2/2010	6/30/2011				Federal/BLM
3	3674-26-2559	26	36	74	874870	356983	740	1/19/2010	11/2/2010	6/30/2011				Federal/BLM
3	3674-26-2560	26	36	74	874931	356933	760	1/18/2010	11/2/2010	6/30/2011				Federal/BLM
3	3674-26-2561	26	36	74	874934	356772	760	1/21/2010	11/2/2010	6/30/2011				Federal/BLM
3	3674-26-2562	26	36	74	874937	356850	760	1/19/2010	11/2/2010	6/30/2011				Federal/BLM
3	3674-26-2563	26	36	74	874983	356889	760	1/18/2010	11/2/2010	6/30/2011				Federal/BLM

TABLE 2: 2010-2011 ANNUAL REPORT: PLUGGED AND ABANDONED REPORT WITH BOND RELEASE REQUEST, PERMIT #633

771 delineation holes

Mine Unit	Delineation Number	Sect	Twnshp	Range	Northings	Easting	Total Depth	Drill Date	Seed Date	Abandonment Bond Release Request Date	LQD Abandonment Bond Release Date	Vegetation Bond Release Request Date	LQD Vegetation Bond Release Date	Surface Ownership
3	3674-26-2564	26	36	74	874991	356793	760	1/20/2010	11/2/2010	6/30/2011				Federal/BLM
3	3674-26-2565	26	36	74	874481	356732	740	1/14/2010	11/2/2010	6/30/2011				Federal/BLM
3	3674-26-2566	26	36	74	873461	356165	740	1/13/2010	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2567	26	36	74	873555	356195	740	1/14/2010	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2568	26	36	74	873555	356118	740	1/22/2010	11/1/2010	6/30/2011				Federal/BLM
3	3674-26-2569	26	36	74	874159	356539	720	1/11/2010	11/1/2010	6/30/2011				Federal/BLM
4	3574-2-529	2	35	74	864038	354211	880	8/27/2009	10/13/2010	6/30/2011				Smith Sheep Company
4	3574-2-530	2	35	74	865296	354387	900	8/21/2009	10/13/2010	6/30/2011				Federal/BLM
4	3574-2-531	2	35	74	862855	355694	840	8/28/2009	10/13/2010	6/30/2011				Smith Sheep Company
4	3574-2-532	2	35	74	863788	354461	820	8/31/2009	10/13/2010	6/30/2011				Smith Sheep Company
4	3574-2-534	2	35	74	864413	354236	860	9/1/2009	10/13/2010	6/30/2011				Federal/BLM
4	3574-3-063	3	35	74	860567	350949	920	9/11/2009	10/12/2010	6/30/2011				Smith Land Company
4	3574-3-064	3	35	74	861332	351253	980	9/12/2009	10/13/2010	6/30/2011				Smith Land Company
4	3574-3-065	3	35	74	864650	353000	900	9/2/2009	10/13/2010	6/30/2011				Smith Sheep Company
4	3574-3-066	3	35	74	865000	353000	941	8/25/2009	10/13/2010	6/30/2011				Smith Sheep Company
4	3574-3-067	3	35	74	865495	353055	980	8/26/2009	10/13/2010	6/30/2011				Smith Sheep Company
4	3574-3-068	3	35	74	865295	352755	960	9/3/2009	10/13/2010	6/30/2011				Smith Sheep Company
4	3574-3-069	3	35	74	864175	353000	860	9/4/2009	10/13/2010	6/30/2011				Smith Sheep Company
4	3574-3-070	3	35	74	864649	352599	860	9/9/2009	10/13/2010	6/30/2011				Smith Sheep Company
4	3574-3-071	3	35	74	861999	349849	1000	9/10/2009	10/13/2010	6/30/2011				Smith Land Company
4	3574-3-072	3	35	74	861628	351205	920	9/14/2009	10/13/2010	6/30/2011				Smith Land Company
4	3574-3-073	3	35	74	862451	350201	980	9/23/2009	10/13/2010	6/30/2011				Smith Land Company
4	3574-3-074	3	35	74	860567	351399	1020	9/16/2009	10/12/2010	6/30/2011				Smith Land Company
4	3574-3-075	3	35	74	861352	351753	1000	9/17/2009	10/13/2010	6/30/2011				Smith Land Company
4	3574-3-076	3	35	74	861471	351535	1000	9/26/2009	10/13/2010	6/30/2011				Smith Land Company
4	3574-3-077	3	35	74	861042	351741	1040	9/28/2009	10/13/2010	6/30/2011				Smith Land Company
4	3574-3-078	3	35	74	861625	350903	1000	9/24/2009	10/13/2010	6/30/2011				Smith Land Company
4	3574-3-079	3	35	74	861518	350859	1020	10/8/2009	10/13/2010	6/30/2011				Smith Land Company
4	3574-3-080	3	35	74	861193	351762	1020	10/17/2009	10/13/2010	6/30/2011				Smith Land Company
4	3574-3-081	3	35	74	861795	350198	1040	10/19/2009	10/13/2010	6/30/2011				Smith Land Company
4	3574-3-082	3	35	74	860763	351644	1040	10/20/2009	10/13/2010	6/30/2011				Smith Land Company
4	3574-3-083	3	35	74	860421	351168	1040	11/3/2009	10/12/2010	6/30/2011				Smith Land Company
4	3574-3-084	3	35	74	861899	350198	1020	10/22/2009	10/13/2010	6/30/2011				Smith Land Company
4	3574-3-085	3	35	74	862027	350018	100	10/27/2009	10/13/2010	6/30/2011				Smith Land Company
4	3574-3-086	3	35	74	862449	349914	840	10/30/2009	10/13/2010	6/30/2011				Smith Land Company
4	3574-3-087	3	35	74	861850	350600	1020	11/1/2009	10/13/2010	6/30/2011				Smith Land Company
4	3574-3-088	3	35	75	860882	351853	1040	11/2/2009	10/13/2010	6/30/2011				Smith Land Company
4	3574-3-089	3	35	74	861950	350250	1020	10/29/2009	10/13/2010	6/30/2011				Smith Land Company
4	3574-3-090	3	35	74	862150	350600	1000	11/5/2009	10/13/2010	6/30/2011				Smith Land Company
4	3574-3-091	3	35	74	860882	352003	1040	11/4/2009	10/13/2010	6/30/2011				Smith Land Company

TABLE 16-2: 2010-2011 ANNUAL REPORT: PLUGGED AND ABANDONED REPORT WITH BOND RELEASE REQUEST, PERMIT #633
771 delineation holes

Mine Unit	Delineation Number	Sect	Twnshp	Range	Northings	Easting	Total Depth	Drill Date	Seed Date	Abandonment Bond Release Request Date	LQD Abandonment Bond Release Date	Vegetation Bond Release Request Date	LQD Vegetation Bond Release Date	Surface Ownership
4	3574-3-092	3	35	74	862749	350114	1000	11/9/2009	10/13/2010	6/30/2011				Smith Land Company
4	3574-3-093	3	35	74	860421	351468	1000	11/6/2009	10/12/2010	6/30/2011				Smith Land Company
4	3574-3-94	3	35	74	861724	351255	1000	10/16/2009	10/13/2010	6/30/2011				Smith Land Company
4	3574-10-1097	10	35	74	860220	351168	980	11/7/2009	10/12/2010	6/30/2011				Smith Land Company
7	3674-26-2519	26	36	74	873793	354145	900	1/5/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-26-2520	26	36	74	873656	354146	900	1/11/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-26-2521	26	36	74	873568	354308	880	1/11/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-26-2525	26	74	36	872945	354128	900	1/19/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-26-2526	26	36	74	872522	354196	920	1/20/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-26-2527	26	36	74	872370	354133	940	1/21/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-26-2528	26	36	74	872363	354331	920	2/25/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-26-2529	26	36	74	872330	354459	920	2/23/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-26-2530	26	36	74	872313	354636	900	2/23/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-26-2531	26	74	36	872521	354737	900	1/20/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-26-2532	26	36	74	872659	354615	900	1/19/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-26-2570	26	36	74	873049	354331	960	3/1/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-26-2571	26	36	74	872638	354157	920	2/23/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-26-2572	26	36	74	872337	350740	900	2/23/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-26-2573	26	36	74	872492	354805	900	2/19/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-26-2574	26	36	74	872637	354673	900	2/25/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-26-2575	26	36	74	872288	354397	960	3/10/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-26-2577	26	36	74	872514	354875	920	3/2/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-26-2578	26	36	74	872278	354513	920	3/11/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-26-2579	26	36	74	872262	354738	900	3/10/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-26-2580	26	36	74	872312	354811	900	3/9/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-26-2581	26	36	74	872268	354325	940	3/18/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-26-2582	26	36	74	872220	354428	940	3/18/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-27-691	27	36	74	872909	353649	920	1/27/2010	10/18/2010	6/30/2011				Federal/BLM
7	3674-27-692	27	36	74	873931	354107	920	1/5/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-27-693	27	36	74	873979	353855	920	1/11/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-27-694	27	36	74	873810	353690	900	1/12/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-27-695	27	36	74	872840	353688	920	1/27/2010	10/18/2010	6/30/2011				Federal/BLM
7	3674-27-696	27	36	74	873488	353798	900	1/25/2010	10/18/2010	6/30/2011				Federal/BLM
7	3674-27-697	27	36	74	873333	353757	900	1/12/2010	10/18/2010	6/30/2011				Federal/BLM
7	3674-27-698	27	36	74	873460	353261	920	1/14/2010	10/18/2010	6/30/2011				Federal/BLM
7	3674-27-699	27	36	74	873376	353315	920	1/14/2010	10/18/2010	6/30/2011				Federal/BLM
7	3674-27-700	27	36	74	873258	353327	920	1/13/2010	10/18/2010	6/30/2011				Federal/BLM
7	3674-27-701	27	36	74	873127	353853	900	1/15/2010	10/18/2010	6/30/2011				Federal/BLM
7	3674-27-702	27	36	74	872948	353973	920	1/18/2010	10/18/2010	6/30/2011				Federal/BLM
7	3674-27-703	27	36	74	872992	353501	920	1/22/2010	10/18/2010	6/30/2011				Federal/BLM

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Mine Unit	Delineation Number	Sect	Twnshp	Range	Northing	Easting	Total Depth	Drill Date	Seed Date	Abandonment Bond Release Request Date	LQD Abandonment Bond Release Date	Vegetation Bond Release Request Date	LQD Vegetation Bond Release Date	Surface Ownership
7	3674-27-704	27	36	74	872955	353232	940	1/15/2010	10/18/2010	6/30/2011				Federal/BLM
7	3674-27-705	27	36	74	872644	353296	960	1/28/2010	10/18/2010	6/30/2011				Federal/BLM
7	3674-27-707	27	36	74	872977	353040	940	1/14/2010	10/18/2010	6/30/2011				Federal/BLM
7	3674-27-708	27	36	74	873054	353061	960	1/12/2010	10/18/2010	6/30/2011				Federal/BLM
7	3674-27-709	27	74	36	872798	353424	740	1/21/2010	10/18/2010	6/30/2011				Federal/BLM
7	3674-27-710	27	74	36	872844	353613	920	1/21/2010	10/18/2010	6/30/2011				Federal/BLM
7	3674-27-711	27	36	74	872813	353981	920	1/26/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-27-712	27	36	74	872630	354038	920	1/19/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-27-713	27	36	74	872583	353844	960	1/26/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-27-714	27	36	74	872383	353694	940	3/15/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-27-716	27	36	74	872487	353503	940	2/25/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-27-718	27	36	74	871983	353722	900	3/17/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-27-719	27	36	74	873971	353917	920	3/2/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-27-720	27	36	74	871591	353516	920	2/16/2010	10/14/2010	6/30/2011				Federal/BLM
7	3674-27-721	27	36	74	872017	353436	900	3/2/2010	10/14/2010	6/30/2011				Federal/BLM
7	3674-27-723	27	36	74	871683	353318	900	2/12/2010	10/14/2010	6/30/2011				Federal/BLM
7	3674-27-725	27	36	74	871718	353088	940	2/11/2010	10/14/2010	6/30/2011				Federal/BLM
7	3674-27-726	27	36	74	871880	353080	726	3/3/2010	10/14/2010	6/30/2011				Federal/BLM
7	3674-27-727	27	36	74	872189	353071	920	2/11/2010	4/26/2011	6/30/2011				Federal/BLM
7	3674-27-728	27	36	74	872290	353180	920	2/16/2010	5/6/2011	6/30/2011				Federal/BLM
7	3674-27-729	27	36	74	872644	353296	760	1/22/2010	10/18/2010	6/30/2011				Federal/BLM
7	3674-27-730	27	36	74	872549	353203	960	1/27/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-27-731	27	36	74	873398	353612	900	2/26/2010	10/18/2010	6/30/2011				Federal/BLM
7	3674-27-732	27	36	74	872120	352079	980	3/16/2010	10/14/2010	6/30/2011				Federal/BLM
7	3674-27-733	27	36	74	873256	353680	900	2/25/2010	10/18/2010	6/30/2011				Federal/BLM
7	3674-27-734	27	36	74	873330	353668	900	2/24/2010	10/18/2010	6/30/2011				Federal/BLM
7	3674-27-735	27	36	74	872632	352820	940	3/1/2010	4/26/2011	6/30/2011				Federal/BLM
7	3674-27-736	27	36	74	872503	352745	920	1/28/2010	4/26/2011	6/30/2011				Federal/BLM
7	3674-27-737	27	36	74	872396	352759	940	1/28/2010	4/26/2011	6/30/2011				Federal/BLM
7	3674-27-738	27	36	74	872392	352841	920	2/10/2010	4/26/2011	6/30/2011				Federal/BLM
7	3674-27-739	27	36	74	872245	352840	920	2/9/2010	4/26/2011	6/30/2011				Federal/BLM
7	3674-27-740	27	36	74	872043	352916	940	1/29/2010	4/26/2011	6/30/2011				Federal/BLM
7	3674-27-741	27	36	74	871841	352960	920	2/10/2010	10/14/2010	6/30/2011				Federal/BLM
7	3674-27-742	27	36	74	871777	352825	940	2/10/2010	10/14/2010	6/30/2011				Federal/BLM
7	3674-27-743	27	36	74	871330	352566	960	2/18/2010	10/14/2010	6/30/2011				Federal/BLM
7	3674-27-744	27	36	74	871972	352713	940	2/9/2010	10/14/2010	6/30/2011				Federal/BLM
7	3674-27-745	27	36	74	872337	352542	960	1/27/2010	10/14/2010	6/30/2011				Federal/BLM
7	3674-27-746	27	36	74	872212	352064	980	3/2/2010	10/14/2010	6/30/2011				Federal/BLM
7	3674-27-747	27	36	74	872053	352146	980	1/26/2010	10/14/2010	6/30/2011				Federal/BLM
7	3674-27-748	27	36	74	872012	352011	980	3/3/2010	10/14/2010	6/30/2011				Federal/BLM

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Mine Unit	Delineation Number	Sect	Twnshp	Range	Northing	Easting	Total Depth	Drill Date	Seed Date	Abandonment Bond Release Request Date	LQD Abandonment Bond Release Date	Vegetation Bond Release Request Date	LQD Vegetation Bond Release Date	Surface Ownership
7	3674-27-749	27	36	74	871656	352152	960	1/27/2010	10/14/2010	6/30/2011				Federal/BLM
7	3674-27-750	27	36	74	871759	352020	980	1/26/2010	4/26/2011	6/30/2011				Federal/BLM
7	3674-27-751	27	36	74	871647	351911	980	3/9/2010	4/26/2011	6/30/2011				Federal/BLM
7	3674-27-752	27	36	74	871645	351755	980	2/19/2010	10/14/2010	6/30/2011				Federal/BLM
7	3674-27-753	27	36	74	873202	353629	1000	3/12/2010	10/18/2010	6/30/2011				Federal/BLM
7	3674-27-754	27	36	74	872635	353686	980	1/25/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-27-755	27	36	74	873088	353793	900	1/20/2010	10/18/2010	6/30/2011				Federal/BLM
7	3674-27-756	27	36	74	873039	352969	960	1/26/2010	10/18/2010	6/30/2011				Federal/BLM
7	3674-27-757	27	36	74	873200	353747	900	2/25/2010	10/18/2010	6/30/2011				Federal/BLM
7	3674-27-758	27	36	74	873008	354020	900	2/26/2010	10/18/2010	6/30/2011				Federal/BLM
7	3674-27-759	27	36	74	872985	353574	920	2/26/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-27-760	27	36	74	872625	353550	940	2/24/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-27-761	27	36	74	872498	352555	960	3/4/2010	4/26/2011	6/30/2011				Federal/BLM
7	3674-27-762	27	36	74	872664	353943	920	2/24/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-27-763	27	36	74	872495	353785	960	2/24/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-27-764	27	36	74	872163	353863	900	3/17/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-27-765	27	36	74	871325	352311	1000	3/15/2010	10/14/2010	6/30/2011				Federal/BLM
7	3674-27-766	27	36	74	871334	352415	900	3/16/2010	10/14/2010	6/30/2011				Federal/BLM
7	3674-27-767	27	36	74	872195	353279	920	2/16/2010	4/26/2011	6/30/2011				Federal/BLM
7	3674-27-768	27	36	74	872228	353155	920	2/17/2010	4/26/2011	6/30/2011				Federal/BLM
7	3674-27-769	27	36	74	872043	353087	920	2/18/2010	4/26/2011	6/30/2011				Federal/BLM
7	3674-27-770	27	36	74	872110	353056	920	2/19/2010	10/14/2010	6/30/2011				Federal/BLM
7	3674-27-771	27	36	74	872103	352969	940	2/11/2010	4/26/2011	6/30/2011				Federal/BLM
7	3674-27-772	27	36	74	872109	352864	940	2/10/2010	4/26/2011	6/30/2011				Federal/BLM
7	3674-27-773	27	36	74	872511	352638	940	2/12/2010	4/26/2011	6/30/2011				Federal/BLM
7	3674-27-774	27	36	74	872498	352555	960	2/12/2010	4/26/2011	6/30/2011				Federal/BLM
7	3674-27-775	27	36	74	871691	353430	920	2/12/2010	10/14/2010	6/30/2011				Federal/BLM
7	3674-27-776	27	36	74	871831	352674	960	2/16/2010	10/14/2010	6/30/2011				Federal/BLM
7	3674-27-777	27	36	74	871658	352585	960	2/17/2010	10/14/2010	6/30/2011				Federal/BLM
7	3674-27-778	27	36	74	871672	352698	960	2/17/2010	10/14/2010	6/30/2011				Federal/BLM
7	3674-27-779	27	36	74	871343	352669	960	2/17/2010	10/14/2010	6/30/2011				Federal/BLM
7	3674-27-780	27	36	74	871401	352378	960	2/19/2010	10/14/2010	6/30/2011				Federal/BLM
7	3674-27-782	27	36	74	871728	352074	980	2/18/2010	10/14/2010	6/30/2011				Federal/BLM
7	3674-27-783	27	36	74	871698	351980	980	2/18/2010	10/14/2010	6/30/2011				Federal/BLM
7	3674-27-784	27	36	74	872120	352079	900	3/2/2010	10/14/2010	6/30/2011				Federal/BLM
7	3674-27-785	27	36	74	872698	353527	940	2/25/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-27-786	27	36	74	872690	353740	920	2/26/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-27-788	27	36	74	872920	353739	920	2/24/2010	10/18/2010	6/30/2011				Federal/BLM
7	3674-27-789	27	36	74	873491	353633	900	2/25/2010	10/18/2010	6/30/2011				Federal/BLM
7	3674-27-790	27	36	74	871639	352033	1000	3/9/2010	10/14/2010	6/30/2011				Federal/BLM

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Mine Unit	Delineation Number	Sect	Twnshp	Range	Northing	Easting	Total Depth	Drill Date	Seed Date	Abandonment Bond Release Request Date	LQD Abandonment Bond Release Date	Vegetation Bond Release Request Date	LQD Vegetation Bond Release Date	Surface Ownership
7	3674-27-791	27	36	74	871761	352732	1000	3/5/2010	4/26/2011	6/30/2011				Federal/BLM
7	3674-27-792	27	36	74	871842	352780	960	3/5/2010	10/14/2010	6/30/2011				Federal/BLM
7	3674-27-793	27	36	74	871970	353068	1000	3/3/2010	4/26/2011	6/30/2011				Federal/BLM
7	3674-27-794	27	36	74	872020	353014	940	3/3/2010	4/26/2011	6/30/2011				Federal/BLM
7	3674-27-795	27	36	74	872576	353337	1000	3/1/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-27-796	27	36	74	873000	353750	920	3/12/2010	10/18/2010	6/30/2011				Federal/BLM
7	3674-27-797	27	36	74	872993	353889	920	3/11/2010	10/18/2010	6/30/2011				Federal/BLM
7	3674-27-798	27	36	74	872924	353816	960	3/11/2010	10/18/2010	6/30/2011				Federal/BLM
7	3674-27-799	27	36	74	872662	353456	960	3/11/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-27-800	27	36	74	872646	353381	960	3/10/2010	10/18/2010	6/30/2011				Federal/BLM
7	3674-27-801	27	36	74	872538	353447	960	3/10/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-27-802	27	36	74	871520	353672	920	3/9/2010	10/14/2010	6/30/2011				Federal/BLM
7	3674-27-803	27	36	74	871516	353514	960	3/8/2010	10/14/2010	6/30/2011				Federal/BLM
7	3674-27-804	27	36	74	871564	353446	940	3/8/2010	10/14/2010	6/30/2011				Federal/BLM
7	3674-27-805	27	36	74	872647	352746	980	3/8/2010	4/26/2011	6/30/2011				Federal/BLM
7	3674-27-806	27	36	74	876620	352882	940	3/8/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-27-808	27	36	74	871815	353042	920	8/20/2010	4/26/2011	6/30/2011				Federal/BLM
7	3674-27-810	27	36	74	871976	352955	940	8/18/2010	4/26/2011	6/30/2011				Federal/BLM
7	3674-27-811	27	36	74	871914	352800	960	8/17/2010	4/26/2011	6/30/2011				Federal/BLM
7	3674-27-812	27	36	74	871742	352652	960	8/13/2010	4/26/2011	6/30/2011				Federal/BLM
7	3674-27-813	27	36	74	871260	352348	960	8/19/2010	4/26/2011	6/30/2011				Federal/BLM
7	3674-27-815	27	36	74	871335	352228	960	8/18/2010	4/26/2011	6/30/2011				Federal/BLM
7	3674-27-817	27	36	74	871554	351897	980	8/13/2010	4/26/2011	6/30/2011				Federal/BLM
7	3674-27-818	27	36	74	871582	351971	980	8/12/2010	4/26/2011	6/30/2011				Federal/BLM
7	3674-27-820	27	36	74	872280	352078	1000	8/25/2010	4/26/2011	6/30/2011				Federal/BLM
7	3674-27-821	27	36	74	872588	353408	960	3/22/2010	10/19/2010	6/30/2011				Federal/BLM
7	3674-27-822	27	36	74	872862	353853	960	3/18/2010	10/18/2010	6/30/2011				Federal/BLM
7	3674-27-823	27	36	74	872927	353899	960	3/22/2010	10/18/2010	6/30/2011				Federal/BLM
7	3674-27-824	27	36	74	872438	353945	1000	3/22/2010	10/19/2010	6/30/2011				Federal/BLM
8	3674-34-1425	34	36	74	870864	352590	1000	4/1/2011	4/25/2011	6/30/2011				Smith Land Company
8	3674-34-1426	34	36	74	870605	352767	800	4/1/2011	4/25/2011	6/30/2011				Smith Land Company
8	3674-34-1427	34	36	74	870586	353146	760	3/23/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1428	34	36	74	870590	353348	760	3/23/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1429	34	36	74	870621	353661	1000	3/31/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1430	34	36	74	870395	353144	760	3/22/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1431	34	36	74	870379	353362	760	3/22/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1432	34	36	74	870364	353609	760	3/24/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1433	34	36	74	870380	353871	760	3/28/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1434	34	36	74	870336	354013	760	3/29/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1435	34	36	74	870177	352550	840	2/26/2011	4/25/2011	6/30/2011				Smith Land Company

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Mine Unit	Delineation Number	Sect.	Twnshp	Range	Northing	Easting	Total Depth	Drill Date	Seed Date	Abandonment Bond Release Request Date	LQD Abandonment Bond Release Date	Vegetation Bond Release Request Date	LQD Vegetation Bond Release Date	Surface Ownership
8	3674-34-1436	34	36	73	870122	353423	1000	3/21/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1437	34	36	74	870165	353607	840	3/24/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1438	34	36	74	870167	353812	840	3/25/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1439	34	36	74	870056	352629	840	2/28/2011	4/25/2011	6/30/2011				Smith Land Company
8	3674-34-1440	34	36	74	870053	353551	840	3/16/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1441	34	36	74	870060	353661	840	3/17/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1442	34	36	74	870061	353798	840	3/17/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1443	34	36	74	869933	352718	840	2/28/2011	4/25/2011	6/30/2011				Smith Land Company
8	3674-34-1444	34	36	74	869943	353262	860	3/16/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1445	34	36	74	869944	353343	700	3/14/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1446	34	36	74	869944	353419	700	3/14/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1447	34	36	74	869947	353491	700	3/11/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1448	34	36	74	869946	353564	700	3/9/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1449	34	36	74	869952	353659	860	3/9/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1450	34	36	74	869956	353757	840	3/8/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1451	34	36	74	869913	353927	1000	4/4/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1452	34	36	74	869861	353749	700	3/18/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1453	34	36	74	869827	352918	840	3/1/2011	4/25/2011	6/30/2011				Smith Land Company
8	3674-34-1454	34	36	74	869764	352961	840	3/2/2011	4/25/2011	6/30/2011				Smith Land Company
8	3674-34-1455	34	36	74	869743	353088	840	3/8/2011	4/25/2011	6/30/2011				Smith Land Company
8	3674-34-1456	34	36	74	869696	352802	840	3/1/2011	4/25/2011	6/30/2011				Smith Land Company
8	3674-34-1457	34	36	74	869697	353040	840	3/7/2011	4/25/2011	6/30/2011				Smith Land Company
8	3674-34-1459	34	36	74	869658	353106	840	3/7/2011	4/25/2011	6/30/2011				Smith Land Company
8	3674-34-1460	34	36	74	869594	352759	1000	3/2/2011	4/25/2011	6/30/2011				Smith Land Company
8	3674-34-1461	34	36	74	869579	353459	760	3/2/2011	4/25/2011	6/30/2011				Smith Land Company
8	3674-34-1462	34	36	74	869587	353639	760	3/16/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1463	34	36	74	869569	353902	1000	3/21/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1464	34	36	74	869955	352918	800	3/1/2011	4/25/2011	6/30/2011				Smith Land Company
8	3674-34-1465	34	36	74	869493	353389	760	3/3/2011	4/25/2011	6/30/2011				Smith Land Company
8	3674-34-1466	34	36	74	869511	353608	760	3/16/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1467	34	36	74	869485	353748	760	3/17/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1468	34	36	74	869482	353888	760	3/17/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1469	34	36	74	869343	353162	760	3/22/2011	4/25/2011	6/30/2011				Smith Land Company
8	3674-34-1470	34	36	74	869373	353350	760	3/10/2011	4/25/2011	6/30/2011				Smith Land Company
8	3674-34-1471	34	36	74	869399	353532	760	3/3/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1472	34	36	74	869337	353609	760	3/9/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1473	34	36	74	869407	353978	760	3/18/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1474	34	36	74	869324	353876	760	3/14/2011	4/25/2011	6/30/2011				Smith Land Company
8	3674-34-1475	34	36	74	869288	354051	760	3/11/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1476	34	36	74	869261	352489	700	3/23/2011	4/25/2011	6/30/2011				Smith Land Company

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Mine Unit	Delineation Number	Sect	Township	Range	Northing	Easting	Total Depth	Drill Date	Seed Date	Abandonment Bond Release Request Date	LQD Abandonment Bond Release Date	Vegetation Bond Release Request Date	LQD - Vegetation Bond Release Date	Surface Ownership
8	3674-34-1477	34	36	74	869248	352671	700	3/2/2011	4/25/2011	6/30/2011				Smith Land Company
8	3674-34-1478	34	36	74	869180	352487	700	3/21/2011	4/25/2011	6/30/2011				Smith Land Company
8	3674-34-1479	34	36	74	869169	352678	700	3/16/2011	4/25/2011	6/30/2011				Smith Land Company
8	3674-34-1480	34	36	74	868970	352920	700	3/15/2011	4/25/2011	6/30/2011				Smith Land Company
8	3674-34-1481	34	36	74	869193	352996	700	3/23/2011	4/25/2011	6/30/2011				Smith Land Company
8	3674-34-1482	34	36	74	869172	353557	700	3/8/2011	4/25/2011	6/30/2011				Smith Land Company
8	3674-34-1483	34	36	74	869189	353685	700	3/3/2011	4/25/2011	6/30/2011				Smith Land Company
8	3674-34-1484	34	36	74	869157	353877	700	3/2/2011	4/25/2011	6/30/2011				Smith Land Company
8	3674-34-1485	34	36	74	869101	352487	700	3/21/2011	4/25/2011	6/30/2011				Smith Land Company
8	3674-34-1486	34	36	74	869124	352850	700	3/18/2011	4/25/2011	6/30/2011				Smith Land Company
8	3674-34-1487	34	36	74	869137	353049	700	3/17/2011	4/25/2011	6/30/2011				Smith Land Company
8	3674-34-1488	34	36	74	869119	353624	700	3/4/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1489	34	36	74	869038	352700	720	3/18/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1490	34	36	74	869060	352876	700	3/17/2011	4/26/2011	6/30/2011				Smith Land Company
8	3674-34-1492	34	36	74	868970	352748	700	3/15/2011	4/25/2011	6/30/2011				Smith Land Company
8	3674-34-1493	34	36	74	868948	353109	700	3/14/2011	4/25/2011	6/30/2011				Smith Land Company
8	3674-34-1494	34	36	74	869028	353212	700	3/11/2011	4/25/2011	6/30/2011				Smith Land Company
8	3674-34-1495	34	36	74	868987	353364	700	3/9/2011	4/25/2011	6/30/2011				Smith Land Company
8	3674-34-1496	34	36	74	869737	354051	700	3/22/2011	4/26/2011	6/30/2011				Smith Land Company
9	3574-17-936	17	35	74	854750	339630	910	7/8/2008	10/6/2009	6/30/2011				Smith Land Company
9	3574-17-939	17	35	74	854013	338660	700	9/25/2008	10/13/2009	6/30/2011				Smith Land Company
9	3574-17-940	17	35	74	853970	338345	950	2/5/2009	10/13/2009	6/30/2011				Smith Land Company
9	3574-17-961	17	35	74	854758	339962	910	2/23/2009	10/6/2009	6/30/2011				Smith Land Company
9	3574-18-853	18	35	74	853311	338141	960	10/1/2008	9/23/2010	6/30/2011				Smith Land Company
9	3574-18-856	18	35	74	853440	337870	950	10/3/2008	9/23/2010	6/30/2011				Smith Land Company
9	3574-18-857	18	35	74	853446	337870	950	10/6/2008	9/23/2010	6/30/2011				Smith Land Company
9	3574-18-858	18	35	74	853243	337988	950	10/8/2008	9/23/2010	6/30/2011				Smith Land Company
9	3574-18-859	18	35	74	853384	338150	960	10/16/2008	9/23/2010	6/30/2011				Smith Land Company
9	3574-18-860	18	35	74	853310	337982	950	10/23/2008	9/23/2010	6/30/2011				Smith Land Company
9	3574-18-861	18	35	74	852958	337762	960	10/24/2008	9/23/2010	6/30/2011				Smith Land Company
9	3574-18-863	18	35	74	852958	337772	960	10/27/2008	9/23/2010	6/30/2011				Smith Land Company
9	3574-18-865	18	35	74	852666	337442	940	10/31/2008	9/23/2010	6/30/2011				Smith Land Company
9	3574-18-866	18	35	74	853066	337710	940	10/31/2008	9/23/2010	6/30/2011				Smith Land Company
9	3574-18-867	18	35	74	853187	337734	940	11/3/2008	9/23/2010	6/30/2011				Smith Land Company
9	3574-18-868	18	35	74	852619	337227	920	11/13/2008	9/23/2010	6/30/2011				Smith Land Company
9	3574-18-876	18	35	74	852342	336517	920	4/1/2009	9/23/2010	6/30/2011				Smith Land Company
9	3574-18-879	18	35	74	851655	335160	970	4/30/2009	9/23/2010	6/30/2011				Magee Revocable Trust
9	3574-18-870	18	35	74	852352	336581	920	3/4/09	9/23/2010	6/30/2011				Smith Land Company
9	3574-18-875	18	35	74	851715	335445	960	3/19/09	9/23/2010	6/30/2011				Magee Revocable Trust
9	3574-18-877	18	35	74	851645	335450	960	4/21/09	9/23/2010	6/30/2011				Magee Revocable Trust

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Mine Unit	Delineation Number	Sect	Township	Range	Northing	Easting	Total Depth	Drill Date	Seed Date	Abandonment Bond Release Request Date	LQD Abandonment Bond Release Date	Vegetation Bond Release Request Date	LQD Vegetation Bond Release Date	Surface Ownership
9	3574-18-878	18	35	74	851517	335333	960	4/23/09	9/23/2010	6/30/2011				Magee Revocable Trust
9	3574-18-880	18	35	74	851388	335030	940	5/15/09	5/11/2010	6/30/2011				Magee Revocable Trust
9	3574-18-1011	18	35	74	852650	337290	920	9/9/2009	9/23/2010	6/30/2011				Smith Land Company
9	3574-18-883	18	35	74	852360	336440	920	5/21/2009	9/23/2010	6/30/2011				Smith Land Company
9	3574-18-887	18	35	74	850325	334110	910	6/8/2009	9/23/2010	6/30/2011				Magee Revocable Trust
9	3574-18-888	18	35	74	851165	334815	950	6/16/2009	9/23/2010	6/30/2011				Magee Revocable Trust
9	3574-18-889	18	35	74	851015	334210	950	6/16/2009	9/23/2010	6/30/2011				Magee Revocable Trust
9	3574-18-891	18	35	74	850985	334210	600	6/30/2009	9/23/2010	6/30/2011				Magee Revocable Trust
9	3574-18-892	18	35	74	850985	334210	960	7/1/2009	9/23/2010	6/30/2011				Magee Revocable Trust
9	3574-18-893	18	35	74	850985	334210	500	7/2/2009	9/23/2010	6/30/2011				Magee Revocable Trust
9	3574-18-917	18	35	74	853250	337855	640	7/28/2009	9/23/2010	6/30/2011				Smith Land Company
10	3574-16-365	16	35	74	853550	343650	980	3/13/09	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-366	16	35	74	853500	343800	980	3/17/09	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-368	16	35	74	853100	343900	960	3/17/09	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-370	16	35	74	852950	344150	1000	3/18/09	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-371	16	35	74	852850	344100	1000	8/21/2009	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-372	16	35	74	852750	344150	1000	10/15/2009	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-373	16	35	74	852650	344250	1000	4/1/09	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-374	16	35	74	852750	344350	1020	9/2/2009	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-375	16	35	74	852850	344200	1000	4/1/09	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-376	16	35	74	852650	344150	1000	8/27/2009	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-377C	16	35	74	852500	344790	1040	11/13/2009	10/7/2010	6/30/2011				State of Wyoming
10	3574-16-379	16	35	74	852350	345000	1100	11/17/2009	10/7/2010	6/30/2011				State of Wyoming
10	3574-16-380	16	35	74	852000	345000	1080	10/22/2009	10/7/2010	6/30/2011				State of Wyoming
10	3574-16-381	16	35	74	852000	344600	1060	10/22/2009	10/7/2010	6/30/2011				State of Wyoming
10	3574-16-382	16	35	74	851800	344400	1020	10/23/2009	10/7/2010	6/30/2011				State of Wyoming
10	3574-16-383	16	35	74	852300	343800	1060	10/21/2009	10/7/2010	6/30/2011				State of Wyoming
10	3574-16-384	16	35	74	853450	343750	940	8/18/2009	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-385	16	35	74	853050	343950	960	8/20/2009	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-386	16	35	74	853100	343800	960	8/19/2009	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-387	16	35	74	853150	343850	960	11/10/2009	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-388	16	35	74	852550	344250	1000	8/28/2009	10/7/2010	6/30/2011				State of Wyoming
10	3574-16-389	16	35	74	852550	344350	1040	9/1/2009	10/7/2010	6/30/2011				State of Wyoming
10	3574-16-390	16	35	74	852500	344500	1060	9/3/2009	10/7/2010	6/30/2011				State of Wyoming
10	3574-16-391	16	35	74	852550	344650	1100	9/4/2009	10/7/2010	6/30/2011				State of Wyoming
10	3574-16-392	16	35	74	852450	344850	1100	9/16/2009	10/7/2010	6/30/2011				State of Wyoming
10	3574-16-393	16	35	74	853400	343800	940	11/11/2009	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-394	16	35	74	853450	343850	940	11/11/2009	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-395	16	35	74	853300	343800	960	11/19/2009	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-396	16	35	74	853250	343950	960	8/24/2009	10/6/2010	6/30/2011				State of Wyoming

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Mine Unit	Delineation Number	Sect	Twnshp	Range	Northing	Easting	Total Depth	Drill Date	Seed Date	Abandonment Bond Release Request Date	LQD Abandonment Bond Release Date	Vegetation Bond Release Request Date	LQD Vegetation Bond Release Date	Surface Ownership
10	3574-16-397	16	35	74	852650	344650	1080	9/14/2009	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-398	16	35	74	853200	343700	980	10/8/2009	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-399	16	35	74	853100	343700	960	10/9/2009	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-400	16	35	74	853000	343700	960	10/12/2009	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-401	16	35	74	853000	343900	960	10/20/2009	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-402	16	35	74	852500	344200	1100	10/15/2009	10/7/2010	6/30/2011				State of Wyoming
10	3574-16-403	16	35	74	852650	344050	980	10/13/2009	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-404	16	35	74	852750	344300	980	10/16/2009	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-405	16	35	74	852650	344400	1040	10/19/2009	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-406	16	35	74	852550	344450	1040	10/16/2009	10/7/2010	6/30/2011				State of Wyoming
10	3574-16-407	16	35	74	852550	344550	1060	10/19/2009	10/7/2010	6/30/2011				State of Wyoming
10	3574-16-408	16	35	74	852400	344700	1100	11/4/2009	5/6/2011	6/30/2011				State of Wyoming
10	3574-16-410	16	35	74	852600	344700	1080	10/23/2009	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-411	16	35	74	852500	344900	1100	11/5/2009	10/7/2010	6/30/2011				State of Wyoming
10	3574-16-412	16	35	74	853100	343600	980	10/28/2009	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-413	16	35	74	852600	344000	960	10/26/2009	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-414	16	35	74	852550	349150	1060	10/30/2009	10/7/2010	6/30/2011				State of Wyoming
10	3574-16-415	16	35	74	852850	344550	1060	10/27/2009	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-416	16	35	74	852500	344400	1040	11/3/2009	10/7/2010	6/30/2011				State of Wyoming
10	3574-16-417	16	35	74	853050	344100	980	10/27/2009	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-418	16	35	74	852700	343850	960	10/27/2009	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-419	16	35	74	852400	344100	1060	11/9/2009	10/7/2010	6/30/2011				State of Wyoming
10	3574-16-420	16	35	74	853000	343600	960	11/6/2009	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-421	16	35	74	852350	345150	1100	11/24/2009	10/7/2010	6/30/2011				State of Wyoming
10	3574-16-422	16	35	74	852250	345250	1040	11/20/2009	10/7/2010	6/30/2011				State of Wyoming
10	3574-16-423	16	35	74	852200	345150	1080	11/23/2009	10/7/2010	6/30/2011				State of Wyoming
10	3574-16-424	16	35	74	852000	345200	1080	11/25/2009	10/7/2010	6/30/2011				State of Wyoming
10	3574-16-425	16	35	74	852500	344700	1080	11/30/2009	10/7/2010	6/30/2011				State of Wyoming
10	3574-16-426	16	35	74	852500	345000	1120	12/2/2009	10/7/2010	6/30/2011				State of Wyoming
10	3574-16-427	16	35	74	852750	344700	1080	12/1/2009	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-430	16	35	74	853200	344000	980	11/17/2009	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-431	16	35	74	852860	344112	1000	8/31/2009	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-432	16	35	74	853250	343950	960	11/19/2009	10/6/2010	6/30/2011				State of Wyoming
10	3574-16-433	16	35	74	852507	344406	1040	11/3/2009	10/7/2010	6/30/2011				State of Wyoming
10	3574-17-1000	17	35	74	853300	340300	980	8/17/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-1001	17	35	74	853273	340493	960	11/13/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-1002	17	35	74	852850	339950	980	8/14/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-1003	17	35	74	852900	340200	980	11/10/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-1004	17	35	74	853150	339700	960	11/6/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-1005	17	35	74	852900	339000	980	9/14/2009	10/4/2010	6/30/2011				Smith Land Company

TABLE 2: 2010-2011 ANNUAL REPORT: PLUGGED AND ABANDONED REPORT WITH BOND RELEASE REQUEST, PERMIT #633
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Mine Unit	Delineation Number	Sect	Township	Range	Northing	Easting	Total Depth	Drill Date	Seed Date	Abandonment Bond Release Request Date	LQD Abandonment Bond Release Date	Vegetation Bond Release Request Date	LQD Vegetation Bond Release Date	Surface Ownership
10	3574-17-1006	17	35	74	852300	338400	1000	8/24/2009	10/4/2010	6/30/2011				Magee Revocable Trust
10	3574-17-1007	17	35	74	853250	340250	980	11/9/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-1008	17	35	74	853100	340500	980	11/4/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-1009	17	35	74	853386	340375	980	11/9/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-1010	17	35	74	850950	339950	980	9/10/2009	10/4/2010	6/30/2011				Magee Revocable Trust
10	3574-17-1011	17	35	74	852750	338900	1000	9/15/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-1012	17	35	74	852750	339150	980	9/11/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-1013	17	35	74	852950	339300	960	9/10/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-1014	17	35	74	852400	338550	1000	9/15/2009	10/4/2010	6/30/2011				Magee Revocable Trust
10	3574-17-1015	17	35	74	852300	338600	1000	9/16/2009	10/4/2010	6/30/2011				Magee Revocable Trust
10	3574-17-1016	17	35	74	852800	338950	980	11/6/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-1017	17	35	74	853550	342900	1000	9/28/2009	10/5/2010	6/30/2011				Smith Land Company
10	3574-17-1018	17	35	74	852550	338700	980	11/6/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-1019	17	35	74	852400	338600	1000	11/10/2009	10/4/2010	6/30/2011				Magee Revocable Trust
10	3574-17-1020	17	35	74	853200	341000	960	11/17/2009	10/5/2010	6/30/2011				Smith Land Company
10	3574-17-1021	17	35	74	853400	341500	940	11/16/2009	10/5/2010	6/30/2011				Smith Land Company
10	3574-17-1022	17	35	74	853200	340800	980	11/18/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-1023	17	35	74	853450	341300	960	11/19/2009	10/5/2010	6/30/2011				Smith Land Company
10	3574-17-1024	17	35	74	853500	341600	940	11/20/2009	10/5/2010	6/30/2011				Smith Land Company
10	3574-17-1025	17	35	74	853250	340700	980	11/23/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-1026	17	35	74	853038	340355	980	11/25/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-1027	17	35	74	852850	340100	980	11/30/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-1028	17	35	74	852950	340100	980	12/1/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-1029	17	35	74	853150	340050	980	12/2/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-1030	17	35	74	853200	339925	960	12/11/2009	5/6/2011	6/30/2011				Smith Land Company
10	3574-17-1034	17	35	74	853403	340900	960	11/30/2009	10/5/2010	6/30/2011				Smith Land Company
10	3574-17-1041	17	35	74	853694	343301	1020	11/12/2009	10/6/2010	6/30/2011				Smith Land Company
10	3574-17-1042	17	35	74	853702	342337	980	9/22/2009	10/5/2010	6/30/2011				Smith Land Company
10	3574-17-1043	17	35	74	853250	340650	1100	11/4/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-941	17	35	74	852350	338450	980	7/20/2009	10/4/2010	6/30/2011				Magee Revocable Trust
10	3574-17-942	17	35	74	852350	338550	1000	7/28/2009	10/4/2010	6/30/2011				Magee Revocable Trust
10	3574-17-943	17	35	74	852418	338472	980	7/24/2009	10/4/2010	6/30/2011				Magee Revocable Trust
10	3574-17-944	17	35	74	852500	338600	980	7/17/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-945	17	35	74	852600	338700	980	7/16/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-946	17	35	74	852700	338700	980	7/14/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-947	17	35	74	852700	338650	980	7/13/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-948	17	35	74	852650	338450	1000	7/17/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-949	17	35	74	852700	339100	980	7/21/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-950	17	35	74	852800	339250	980	7/23/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-952	17	35	74	853500	343200	1000	3/13/09	10/6/2010	6/30/2011				Smith Land Company

TABLE 10-2: 2010-2011 ANNUAL REPORT: PLUGGED AND ABANDONED PORT WITH BOND RELEASE REQUEST, PERMIT #633
771 delineation holes

Mine Unit	Delineation Number	Sect	Township	Range	Northing	Easting	Total Depth	Drill Date	Seed Date	Abandonment Bond Release Request Date	LQD Abandonment Bond Release Date	Vegetation Bond Release Request Date	LQD Vegetation Bond Release Date	Surface Ownership
10	3574-17-953	17	35	74	853500	342750	980	3/3/09	10/6/2010	6/30/2011				Smith Land Company
10	3574-17-954	17	35	74	853450	342550	980	3/11/09	10/5/2010	6/30/2011				Smith Land Company
10	3574-17-955	17	35	74	853700	342750	980	3/3/09	10/5/2010	6/30/2011				Smith Land Company
10	3574-17-956	17	35	74	853700	342400	980	2/27/09	10/5/2010	6/30/2011				Smith Land Company
10	3574-17-957	17	35	74	853750	342750	1000	9/30/2009	10/5/2010	6/30/2011				Smith Land Company
10	3574-17-958	17	35	74	853700	343300	400	3/11/2010	10/6/2010	6/30/2011				Smith Land Company
10	3574-17-959	17	35	74	853350	343250	1000	11/16/2009	10/6/2010	6/30/2011				Smith Land Company
10	3574-17-960	17	35	74	853500	343200	980	3/4/09	10/6/2010	6/30/2011				Smith Land Company
10	3574-17-962	17	35	74	853704	342397	980	3/5/09	10/5/2010	6/30/2011				Smith Land Company
10	3574-17-963	17	35	74	853650	342550	980	3/13/09	10/5/2010	6/30/2011				Smith Land Company
10	3574-17-964	17	35	74	853500	342800	980	3/16/09	10/5/2010	6/30/2011				Smith Land Company
10	3574-17-965	17	35	74	853700	342350	980	9/25/2009	10/5/2010	6/30/2011				Smith Land Company
10	3574-17-966	17	35	74	853650	342400	980	9/24/2009	10/5/2010	6/30/2011				Smith Land Company
10	3574-17-967	17	35	74	853400	340900	960	4/3/09	10/5/2010	6/30/2011				Smith Land Company
10	3574-17-968	17	35	74	853400	341300	960	4/1/09	10/5/2010	6/30/2011				Smith Land Company
10	3574-17-969	17	35	74	853500	341500	940	3/19/09	10/5/2010	6/30/2011				Smith Land Company
10	3574-17-970C	17	35	74	853260	343675	960	11/9/2009	10/6/2010	6/30/2011				Smith Land Company
10	3574-17-972	17	35	74	853550	343280	1000	11/12/2009	10/6/2010	6/30/2011				Smith Land Company
10	3574-17-975	17	35	74	852850	339250	986	7/1/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-976	17	35	74	852950	339350	960	7/2/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-977	17	35	74	852950	339450	960	7/7/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-978	17	35	74	853000	339600	960	7/9/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-979	17	35	74	852850	339750	960	7/10/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-980	17	35	74	852900	340000	980	7/20/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-981	17	35	74	853150	339750	960	7/16/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-982	17	35	74	853050	339950	960	7/17/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-983	17	35	74	853150	340250	1000	8/3/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-984	17	35	74	853350	340250	960	7/24/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-985	17	35	74	852900	339250	960	7/23/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-986	17	35	74	853450	351500	940	11/2/2009	10/5/2010	6/30/2011				Smith Land Company
10	3574-17-987	17	35	74	853500	341300	960	11/3/2009	10/5/2010	6/30/2011				Smith Land Company
10	3574-17-988	17	35	74	853350	341050	960	11/5/2009	10/5/2010	6/30/2011				Smith Land Company
10	3574-17-989	17	35	74	852700	339000	980	8/12/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-990	17	35	74	853100	340400	980	11/12/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-991	17	35	74	852900	339800	960	8/7/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-992	17	35	74	853050	339750	960	8/10/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-993	17	35	74	853239	339759	960	11/9/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-994	17	35	74	853100	340000	960	8/6/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-995	17	35	74	853000	340000	980	8/5/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-17-996	17	35	74	853000	340200	1000	8/4/2009	10/4/2010	6/30/2011				Smith Land Company

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771 delineation holes

Mine Unit	Delineation Number	Sect	Township	Range	Northing	Eastings	Total Depth	Drill Date	Seed Date	Abandonment Bond Release Request Date	LQD Abandonment Bond Release Date	Vegetation Bond Release Request Date	LQD Vegetation Bond Release Date	Surface Ownership
10	3574-17-997	17	35	74	852250	338500	980	8/11/2009	10/4/2010	6/30/2011				Magee Revocable Trust
10	3574-17-998	17	35	74	852850	338950	980	8/11/2009	10/4/2010	6/30/2011				Magee Revocable Trust
10	3574-17-999	17	35	74	852700	339200	980	8/13/2009	10/4/2010	6/30/2011				Smith Land Company
10	3574-18-1001	18	35	74	850450	337200	940	11/12/2009	10/1/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1002	18	35	74	850350	337150	940	11/10/2009	10/1/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1003	18	35	74	851700	337000	900	9/25/2009	9/30/2010	6/30/2011				Smith Land Company
10	3574-18-1004	18	35	74	851600	336900	900	9/25/2009	9/30/2010	6/30/2011				Smith Land Company
10	3574-18-1005	18	35	74	851500	336700	900	9/23/2009	9/30/2010	6/30/2011				Smith Land Company
10	3574-18-1006	18	35	74	851650	336400	920	9/18/2009	9/29/2010	6/30/2011				Smith Land Company
10	3574-18-1007	18	35	74	851800	337300	940	11/13/2009	9/30/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1008	18	35	74	851500	336550	920	9/22/2009	9/29/2010	6/30/2011				Smith Land Company
10	3574-18-1009	18	35	74	851500	337000	940	9/28/2009	9/30/2010	6/30/2011				Smith Land Company
10	3574-18-1010	18	35	74	851650	337250	940	9/29/2009	9/30/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1012	18	35	74	851450	336000	920	10/6/2009	9/29/2010	6/30/2011				Smith Land Company
10	3574-18-1013	18	35	74	851300	336150	900	10/2/2009	9/29/2010	6/30/2011				Smith Land Company
10	3574-18-1014	18	35	74	851750	336850	920	9/30/2009	9/30/2010	6/30/2011				Smith Land Company
10	3574-18-1015	18	35	74	851200	335800	920	10/7/2009	9/29/2010	6/30/2011				Smith Land Company
10	3574-18-1016	18	35	74	851050	336000	900	10/8/2009	9/28/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1017	18	35	74	850750	334850	920	10/20/2009	9/27/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1019	18	35	74	850600	334900	900	10/19/2009	9/27/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1020	18	35	74	850700	335200	920	10/17/2009	9/27/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1021	18	35	74	851500	336600	900	10/12/2009	9/30/2010	6/30/2011				Smith Land Company
10	3574-18-1022	18	35	74	849900	335150	960	10/26/2009	10/1/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1023	18	35	74	849900	335250	960	10/27/2009	10/1/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1024	18	35	74	851550	337000	940	10/14/2009	9/30/2010	6/30/2011				Smith Land Company
10	3574-18-1026	18	35	74	850450	334650	900	10/22/2009	9/27/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1027	18	35	74	850150	334300	920	11/5/2009	9/20/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1029	18	35	74	851700	336800	920	10/14/2009	9/30/2010	6/30/2011				Smith Land Company
10	3574-18-1030	18	35	74	851300	336250	920	10/9/2009	9/29/2010	6/30/2011				Smith Land Company
10	3574-18-1031	18	35	74	849850	335650	960	10/30/2009	10/1/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1032	18	35	74	851450	336150	920	11/5/2009	9/29/2010	6/30/2011				Smith Land Company
10	3574-18-1033	18	35	74	849900	336200	920	11/3/2009	10/1/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1034	18	35	74	851150	336150	920	11/9/2009	9/28/2010	6/30/2011				Smith Land Company
10	3574-18-1035	18	35	74	851350	336300	920	11/5/2009	9/29/2010	6/30/2011				Smith Land Company
10	3574-18-1036	18	35	74	850550	334650	920	11/2/2009	9/27/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1037	18	35	74	850150	335600	450	11/9/2009	10/1/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1039	18	35	74	849900	336000	940	11/11/2009	10/1/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1040	18	35	74	850500	334500	920	11/12/2009	9/23/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1042	18	35	74	850050	334050	920	12/15/2009	9/20/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1044	18	35	74	851400	336200	920	11/16/2009	9/29/2010	6/30/2011				Smith Land Company

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771 delineation holes

Mine Unit	Delineation Number	Sect	Township	Range	Northing	Easting	Total Depth	Drill Date	Seed Date	Abandonment Bond Release Request Date	LQD Abandonment Bond Release Date	Vegetation Bond Release Request Date	LQD Vegetation Bond Release Date	Surface Ownership
10	3574-18-1045	18	35	74	850650	334650	920	12/14/2009	9/23/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1046	18	35	74	849800	333900	900	12/16/2009	5/6/2011	6/30/2011				Magee Revocable Trust
10	3574-18-1047	18	35	74	849800	333700	920	12/17/2009	9/20/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1050	18	35	74	850350	334300	1080	3/22/2010	9/23/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1053	18	35	74	850150	334250	1080	3/8/2010	5/6/2011	6/30/2011				Magee Revocable Trust
10	3574-18-1054	18	35	74	850050	333850	1060	3/3/2010	9/16/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1055	18	35	74	850050	333750	1060	3/2/2010	9/17/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1056	18	35	74	849950	333950	1060	3/4/2010	9/16/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1057	18	35	74	849850	333950	1060	3/18/2010	9/16/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1062	18	35	74	850500	334800	1080	3/18/2010	9/27/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1063	18	35	74	850600	334750	1080	3/17/2010	9/27/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1064	18	35	74	850550	334850	1080	3/22/2010	9/27/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1065	18	35	74	850700	334950	1100	3/15/2010	9/27/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1068	18	35	74	850000	334200	1100	3/19/2010	9/20/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1083	18	35	74	851600	337100	940	11/11/2009	9/30/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1084	18	35	74	851074	336192	940	9/17/2009	9/29/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1085	18	35	74	850090	334814	180	8/26/2009	9/30/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1086	18	35	74	850100	335500	920	9/30/2009	10/1/2010	6/30/2011				Magee Revocable Trust
10	3574-18-1087	18	35	74	850099	334779	140	8/28/2009	9/30/2010	6/30/2011				Magee Revocable Trust
10	3574-18-873C	18	35	74	850520	337940	900	11/2/2009	10/1/2010	6/30/2011				Magee Revocable Trust
10	3574-18-874C	18	35	74	851775	337125	920	10/16/2009	9/30/2010	6/30/2011				Magee Revocable Trust
10	3574-18-881	18	35	74	851050	335200	900	5/28/09	9/23/2010	6/30/2011				Magee Revocable Trust
10	3574-18-882	18	35	74	850950	334900	900	5/29/09	9/23/2010	6/30/2011				Magee Revocable Trust
10	3574-18-884	18	35	74	850100	334200	920	6/1/2009	5/6/2011	6/30/2011				Magee Revocable Trust
10	3574-18-885	18	35	74	849900	334200	900	6/4/2009	9/20/2010	6/30/2011				Magee Revocable Trust
10	3574-18-886	18	35	74	849900	334000	920	6/5/2009	9/20/2010	6/30/2011				Magee Revocable Trust
10	3574-18-894	18	35	74	850615	334270	940	7/8/2009	9/23/2010	6/30/2011				Magee Revocable Trust
10	3574-18-895	18	35	74	850615	334270	940	7/20/2009	9/23/2010	6/30/2011				Magee Revocable Trust
10	3574-18-896	18	35	74	850100	334100	920	11/6/2009	5/6/2011	6/30/2011				Magee Revocable Trust
10	3574-18-897	18	35	74	852100	338050	280	7/31/2009	9/30/2010	6/30/2011				Magee Revocable Trust
10	3574-18-898	18	35	74	852050	337950	980	7/27/2009	9/30/2010	6/30/2011				Magee Revocable Trust
10	3574-18-899	18	35	74	851950	337750	960	7/31/2009	9/30/2010	6/30/2011				Magee Revocable Trust
10	3574-18-900	18	35	74	851850	337600	920	8/3/2009	9/30/2010	6/30/2011				Magee Revocable Trust
10	3574-18-901	18	35	74	851850	337450	920	8/4/2009	9/30/2010	6/30/2011				Magee Revocable Trust
10	3574-18-902	18	35	74	851550	337200	960	8/4/2009	9/30/2010	6/30/2011				Magee Revocable Trust
10	3574-18-903	18	35	74	851700	337100	920	8/5/2009	9/30/2010	6/30/2011				Magee Revocable Trust
10	3574-18-904	18	35	74	851550	336400	920	8/3/2009	9/29/2010	6/30/2011				Smith Land Company
10	3574-18-905	18	35	74	851400	336400	940	8/4/2009	9/29/2010	6/30/2011				Smith Land Company
10	3574-18-906	18	35	74	851400	336300	920	8/5/2009	9/29/2010	6/30/2011				Smith Land Company
10	3574-18-907	18	35	74	851450	336200	920	8/6/2009	9/29/2010	6/30/2011				Smith Land Company

TABLE 10-2: 2010-2011 ANNUAL REPORT: PLUGGED AND ABANDONMENT REPORT WITH BOND RELEASE REQUEST, PERMIT #633

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Mine Unit	Delineation Number	Sect	Twnshp	Range	Northing	Easting	Total Depth	Drill Date	Seed Date	Abandonment Bond Release Request Date	LQD Abandonment Bond Release Date	Vegetation Bond Release Request Date	LQD Vegetation Bond Release Date	Surface Ownership
10	3574-18-908	18	35	74	851550	334700	920	8/10/2009	9/23/2010	6/30/2011				Magee Revocable Trust
10	3574-18-909	18	35	74	851050	335400	920	8/5/2009	9/28/2010	6/30/2011				Magee Revocable Trust
10	3574-18-910	18	35	74	850850	335200	900	8/6/2009	9/27/2010	6/30/2011				Magee Revocable Trust
10	3574-18-911	18	35	74	850850	335000	900	8/6/2009	9/27/2010	6/30/2011				Magee Revocable Trust
10	3574-18-912	18	35	74	850700	335000	900	8/7/2009	9/27/2010	6/30/2011				Magee Revocable Trust
10	3574-18-913	18	35	74	850500	334700	920	8/10/2009	9/27/2010	6/30/2011				Magee Revocable Trust
10	3574-18-914	18	35	74	850400	334700	900	8/10/2009	9/27/2010	6/30/2011				Magee Revocable Trust
10	3574-18-915	18	35	74	849200	333500	920	8/11/2009	5/6/2011	6/30/2011				Magee Revocable Trust
10	3574-18-916	18	35	74	852250	338350	1000	7/31/2009	9/30/2010	6/30/2011				Magee Revocable Trust
10	3574-18-918	18	35	74	850735	334350	940	8/3/2009	9/23/2010	6/30/2011				Magee Revocable Trust
10	3574-18-919	18	35	74	850580	334160	940	8/5/2009	9/23/2010	6/30/2011				Magee Revocable Trust
10	3574-18-920	18	35	74	850000	335400	960	8/12/2009	10/1/2010	6/30/2011				Magee Revocable Trust
10	3574-18-921	18	35	74	850250	336500	920	8/13/2009	10/1/2010	6/30/2011				Magee Revocable Trust
10	3574-18-922	18	35	74	850300	337100	960	8/13/2009	10/1/2010	6/30/2011				Magee Revocable Trust
10	3574-18-923	18	35	74	850450	335500	960	11/17/2009	10/1/2010	6/30/2011				Magee Revocable Trust
10	3574-18-924	18	35	74	850500	338050	920	8/14/2009	10/1/2010	6/30/2011				Magee Revocable Trust
10	3574-18-925	18	35	74	852100	337850	980	8/13/2009	9/30/2010	6/30/2011				Magee Revocable Trust
10	3574-18-926	18	35	74	852000	337900	980	8/12/2009	9/30/2010	6/30/2011				Magee Revocable Trust
10	3574-18-927	18	35	74	850100	335200	940	8/12/2009	10/1/2010	6/30/2011				Magee Revocable Trust
10	3574-18-928	18	35	74	850000	335150	940	8/11/2009	10/1/2010	6/30/2011				Magee Revocable Trust
10	3574-18-929	18	35	74	850580	334160	940	8/6/2009	9/23/2010	6/30/2011				Magee Revocable Trust
10	3574-18-930	18	35	74	851800	337500	960	8/26/2009	9/30/2010	6/30/2011				Magee Revocable Trust
10	3574-18-931	18	35	74	851250	336200	920	8/20/2009	9/29/2010	6/30/2011				Smith Land Company
10	3574-18-932	18	35	74	851050	336200	400	8/18/2009	9/29/2010	6/30/2011				Magee Revocable Trust
10	3574-18-933	18	35	74	851350	336600	960	8/14/2009	9/29/2010	6/30/2011				Smith Land Company
10	3574-18-934	18	35	74	851000	335500	920	8/18/2009	9/28/2010	6/30/2011				Magee Revocable Trust
10	3574-18-935	18	35	74	851000	335350	920	8/19/2009	9/28/2010	6/30/2011				Magee Revocable Trust
10	3574-18-936	18	35	74	851050	335300	920	11/10/2009	9/23/2010	6/30/2011				Magee Revocable Trust
10	3574-18-938	18	35	74	851450	336350	920	9/9/2009	9/29/2010	6/30/2011				Smith Land Company
10	3574-18-939	18	35	74	851650	336350	920	8/21/2009	9/29/2010	6/30/2011				Smith Land Company
10	3574-18-940	18	35	74	851900	337400	920	8/28/2009	9/30/2010	6/30/2011				Magee Revocable Trust
10	3574-18-941	18	35	74	851800	337400	920	8/27/2009	9/30/2010	6/30/2011				Magee Revocable Trust
10	3574-18-942	18	35	74	851650	337000	920	8/31/2009	9/30/2010	6/30/2011				Smith Land Company
10	3574-18-943	18	35	74	851550	336800	900	9/1/2009	9/30/2010	6/30/2011				Smith Land Company
10	3574-18-944	18	35	74	850950	335250	900	8/19/2009	9/28/2010	6/30/2011				Magee Revocable Trust
10	3574-18-945	18	35	74	851450	336100	920	8/19/2009	9/29/2010	6/30/2011				Smith Land Company
10	3574-18-946	18	35	74	851500	336200	920	8/18/2009	9/29/2010	6/30/2011				Smith Land Company
10	3574-18-947	18	35	74	851350	335950	920	8/17/2009	9/29/2010	6/30/2011				Smith Land Company
10	3574-18-948	18	35	74	850400	334600	900	8/24/2009	9/27/2010	6/30/2011				Magee Revocable Trust
10	3574-18-949	18	35	74	850700	334800	920	8/20/2009	9/27/2010	6/30/2011				Magee Revocable Trust

TABLE 10-2: 2010-2011 ANNUAL REPORT: PLUGGED AND ABANDONMENT REPORT WITH BOND RELEASE REQUEST, PERMIT #633
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Mine Unit	Delineation Number	Sect	Twnshp	Range	Northing	Easting	Total Depth	Drill Date	Seed Date	Abandonment Bond Release Request Date	LQD Abandonment Bond Release Date	Vegetation Bond Release Request Date	LQD Vegetation Bond Release Date	Surface Ownership
10	3574-18-950	18	35	74	850600	334600	920	8/20/2009	9/27/2010	6/30/2011				Magee Revocable Trust
10	3574-18-951	18	35	74	850500	334400	920	8/21/2009	9/23/2010	6/30/2011				Magee Revocable Trust
10	3574-18-952	18	35	74	850100	335100	940	8/27/2009	9/30/2010	6/30/2011				Magee Revocable Trust
10	3574-18-953	18	35	74	850200	335200	940	8/28/2009	10/1/2010	6/30/2011				Magee Revocable Trust
10	3574-18-954	18	35	74	851400	335950	920	9/11/2009	9/29/2010	6/30/2011				Smith Land Company
10	3574-18-955	18	35	74	851350	335855	920	9/14/2009	9/29/2010	6/30/2011				Smith Land Company
10	3574-18-956	18	35	74	851250	335850	920	9/15/2009	9/29/2010	6/30/2011				Smith Land Company
10	3574-18-957	18	35	74	851050	335650	900	9/17/2009	9/28/2010	6/30/2011				Magee Revocable Trust
10	3574-18-958	18	35	74	850900	335900	900	9/17/2009	9/28/2010	6/30/2011				Magee Revocable Trust
10	3574-18-959	18	35	74	850250	334550	900	8/24/2009	9/27/2010	6/30/2011				Magee Revocable Trust
10	3574-18-960	18	35	74	850100	334800	180	8/26/2009	9/30/2010	6/30/2011				Magee Revocable Trust
10	3574-18-961	18	35	74	850100	335500	60	8/31/2009	10/1/2010	6/30/2011				Magee Revocable Trust
10	3574-18-962	18	35	74	850000	335650	960	8/31/2009	10/1/2010	6/30/2011				Magee Revocable Trust
10	3574-18-963	18	35	74	850150	336450	920	9/1/2009	10/1/2010	6/30/2011				Magee Revocable Trust
10	3574-18-964	18	35	74	850400	337200	940	9/2/2009	10/1/2010	6/30/2011				Magee Revocable Trust
10	3574-18-965	18	35	74	850550	338100	920	11/17/2009	10/1/2010	6/30/2011				Magee Revocable Trust
10	3574-18-968	18	35	74	849900	335200	960	8/28/2009	10/1/2010	6/30/2011				Magee Revocable Trust
10	3574-18-969	18	35	74	851400	336500	920	9/8/2009	9/29/2010	6/30/2011				Smith Land Company
10	3574-18-970	18	35	74	851550	336250	920	9/4/2009	9/29/2010	6/30/2011				Smith Land Company
10	3574-18-973	18	35	74	850600	335000	920	9/22/2009	9/27/2010	6/30/2011				Magee Revocable Trust
10	3574-18-974	18	35	74	851400	336100	920	9/10/2009	9/29/2010	6/30/2011				Smith Land Company
10	3574-18-975	18	35	74	850650	334750	920	9/23/2009	9/27/2010	6/30/2011				Magee Revocable Trust
10	3574-18-976	18	35	74	851200	336150	900	9/16/2009	9/28/2010	6/30/2011				Smith Land Company
10	3574-18-978	18	35	74	850450	334450	940	9/25/2009	9/27/2010	6/30/2011				Magee Revocable Trust
10	3574-18-979	18	35	74	850450	334450	940	9/24/2009	9/27/2010	6/30/2011				Magee Revocable Trust
10	3574-18-980	18	35	74	850550	334550	940	9/24/2009	9/27/2010	6/30/2011				Magee Revocable Trust
10	3574-18-981	18	35	74	851650	336450	920	9/3/2009	9/29/2010	6/30/2011				Smith Land Company
10	3574-18-982	18	35	74	851650	336550	400	9/2/2009	9/29/2010	6/30/2011				Smith Land Company
10	3574-18-983	18	35	74	850450	334750	920	9/23/2009	9/27/2010	6/30/2011				Magee Revocable Trust
10	3574-18-984	18	35	74	850750	334950	920	9/18/2009	9/27/2010	6/30/2011				Magee Revocable Trust
10	3574-18-986	18	37	74	851850	337350	940	9/8/2009	9/30/2010	6/30/2011				Magee Revocable Trust
10	3574-18-987	18	35	74	851700	337200	920	9/9/2009	9/30/2010	6/30/2011				Magee Revocable Trust
10	3574-18-988	18	35	74	851400	337000	960	9/9/2009	9/30/2010	6/30/2011				Smith Land Company
10	3574-18-989	18	35	74	850150	335200	940	9/29/2009	10/1/2010	6/30/2011				Magee Revocable Trust
10	3574-18-990	18	35	74	850050	335250	940	9/29/2009	10/1/2010	6/30/2011				Magee Revocable Trust
10	3574-18-991	18	35	74	851850	337650	960	9/4/2009	9/30/2010	6/30/2011				Magee Revocable Trust
10	3574-18-992	18	35	74	851750	337350	920	9/3/2009	9/30/2010	6/30/2011				Magee Revocable Trust
10	3574-18-993	18	35	74	850000	335600	940	10/2/2009	10/1/2010	6/30/2011				Magee Revocable Trust
10	3574-18-994	18	35	74	850050	335650	940	9/30/2009	10/1/2010	6/30/2011				Magee Revocable Trust
10	3574-18-995	18	35	74	849985	335800	960	10/6/2009	10/1/2010	6/30/2011				Magee Revocable Trust

TABLE 2: 2010-2011 ANNUAL REPORT: PLUGGED AND ABANDONED Delineation HOLES WITH BOND RELEASE REQUEST, PERMIT #633
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Mine Unit	Delineation Number	Sect	Twnshp	Range	Northing	Easting	Total Depth	Drill Date	Seed Date	Abandonment Bond Release Request Date	LQD Abandonment Bond Release Date	Vegetation Bond Release Request Date	LQD Vegetation Bond Release Date	Surface Ownership
10	3574-18-996	18	35	74	849950	335950	940	10/7/2009	10/1/2010	6/30/2011				Magee Revocable Trust
10	3574-18-997	18	35	74	849900	335100	960	9/28/2009	10/1/2010	6/30/2011				Magee Revocable Trust
10	3574-18-998	18	35	74	850100	336400	920	11/9/2009	10/1/2010	6/30/2011				Magee Revocable Trust
10	3574-18-999	18	35	74	850250	336750	920	11/10/2009	10/1/2010	6/30/2011				Magee Revocable Trust
10	3574-19-205	19	35	74	849600	333800	900	12/15/2009	9/20/2010	6/30/2011				Magee Revocable Trust
10	3574-19-207	19	35	74	849750	333600	920	12/17/2009	9/20/2010	6/30/2011				Magee Revocable Trust
15A	3574-11-1199	11	35	74	855732.8	354854	640	6/9/2008	10/16/2009	6/30/2011				Smith Land Company
15A	3574-11-1200	11	35	74	856504.7	354603	560	6/11/2008	10/13/2010	6/30/2011				Smith Land Company
15A	3574-11-1201	11	35	74	855846	354940	600	2/25/2009	10/16/2009	6/30/2011				Smith Land Company
15A	3574-11-1202	11	35	74	855846	354935	600	2/27/2009	10/16/2009	6/30/2011				Smith Land Company
KN	3574-25-1518	25	36	74	872078	364166	920	12/2/08	10/29/2010	6/30/2011				Linda Kay Birkner
KN	3574-25-1519	25	36	74	872005	364436	920	12/18/08	10/29/2010	6/30/2011				Linda Kay Birkner
KN	3574-25-1520	25	36	74	871884	363602	920	1/13/09	10/29/2010	6/30/2011				Linda Kay Birkner
KN	3574-25-1521	25	36	74	872062	363857	940	2/18/09	10/29/2010	6/30/2011				Linda Kay Birkner
KN	3574-25-1522	25	36	74	872068	363985	940	2/25/09	10/29/2010	6/30/2011				Linda Kay Birkner
KN	3574-25-1523	25	36	74	871776	363691	900	2/6/09	10/29/2010	6/30/2011				Linda Kay Birkner
KN	3673-19-983	19	36	73	878738	364722	940	9/24/2009	5/4/2010	6/30/2011				Vollman Ranches Inc.
KN	3673-19-984	19	36	73	878741	365061	900	10/22/2009	5/4/2010	6/30/2011				Vollman Ranches Inc.
KN	3673-19-985	19	36	73	878636	364979	900	10/20/2009	5/4/2010	6/30/2011				Vollman Ranches Inc.
KN	3673-19-986	19	36	73	878716	364845	900	10/20/2009	5/4/2010	6/30/2011				Vollman Ranches Inc.
KN	3674-24-435	24	36	74	879850	364531	880	9/3/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-436	24	36	74	879943	364568	880	9/4/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-437	24	36	74	880097	364531	880	9/7/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-438	24	36	74	879661	364099	920	9/1/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-439	24	36	74	879658	364246	920	8/31/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-440	24	36	74	879526	364096	920	9/2/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-441	24	36	74	879520	364240	920	8/31/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-442	24	36	74	879471	364372	920	8/28/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-443	24	36	74	879365	364264	920	8/27/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-444	24	36	74	879587	364244	900	9/14/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-445	24	36	74	879555	364324	100	9/9/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-446	24	36	74	879488	364305	900	9/11/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-447	24	36	74	879466	364230	900	9/11/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-448	24	36	74	879521	364167	900	9/10/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-449	24	36	74	879784	364482	880	9/16/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-450	24	36	74	879715	364416	880	9/16/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-451	24	36	74	877646	364341	900	9/15/2009	10/29/2010	6/30/2011				Smith Sheep Company
KN	3674-24-452	24	36	74	879555	364334	80	9/17/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-453	24	36	74	879552	364495	900	9/18/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-454	24	36	74	879756	364318	880	9/24/2009	10/28/2010	6/30/2011				Smith Sheep Company

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Mine Unit	Delineation Number	Sect	Twnshp	Range	Northing	Easting	Total Depth	Drill Date	Seed Date	Abandonment Bond Release Request Date	LQD Abandonment Bond Release Date	Vegetation Bond Release Request Date	LQD Vegetation Bond Release Date	Surface Ownership
KN	3674-24-455	24	36	74	880018	364555	880	9/24/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-456	24	36	74	879823	364389	880	11/13/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-457	24	36	74	879900	364439	880	11/17/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-458	24	36	74	879712	364494	880	11/19/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-459	24	36	74	879784	364564	880	11/18/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-460	24	36	74	879508	364589	880	11/18/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-461	24	36	74	879589	364588	880	11/19/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-462	24	36	74	879597	364098	880	11/19/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-463	24	36	74	879742	364335	900	11/16/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-464	24	36	74	879749	364447	880	1/27/2010	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-465	24	36	74	879970	364405	880	11/19/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-466	24	36	74	879903	364362	880	11/20/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-467	24	36	74	880048	364446	880	11/24/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-468	24	36	74	880060	364368	880	11/30/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-469	24	36	74	879448	364125	880	11/25/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-470	24	36	74	879481	364019	880	11/25/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-471	24	36	74	879595	364034	880	11/30/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-472	24	36	74	879698	367424	880	12/1/2009	10/29/2010	6/30/2011				Smith Sheep Company
KN	3674-24-474	24	36	74	879734	364217	880	11/25/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-475	24	36	74	880155	364589	880	12/1/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-476	24	36	74	879380	364155	199	12/14/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-477	24	36	74	879399	364068	880	12/2/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-478	24	36	74	880246	364559	860	1/15/2010	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-479	24	36	74	880178	364518	860	1/18/2010	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-480	24	36	74	880128	364463	860	1/19/2010	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-481	24	36	74	879794	364137	1000	1/22/2010	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-482	24	36	74	879784	364042	880	1/21/2010	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-483	24	36	74	879380	364155	880	12/15/2009	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-484	24	36	74	880312	364541	880	1/21/2010	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-485	24	36	74	880248	364484	880	1/19/2010	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-486	24	36	74	880386	364562	880	1/26/2010	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-487	24	36	74	880337	364470	880	1/26/2010	10/28/2010	6/30/2011				Smith Sheep Company
KN	3674-24-488	24	36	74	879847	364190	880	1/28/2010	10/28/2010	6/30/2011				Smith Sheep Company
Holes not a mine unit but on Permit #633														
	3574-3-095	3	35	74	860725	350744	997	2/12/2010	10/12/2010	6/30/2011				Smith Land Company
	3574-8-347	8	35	74	855136	340265	300	7/1/2008	10/7/2009	6/30/2011				Smith Land Company
	3574-8-349	8	35	74	860408	339103	1001	3/22/2010	9/23/2010	6/30/2011				Smith Land Company
	3574-9-174	9	35	74	859200	346090	960	2/25/2010	10/12/2010	6/30/2011				Smith Land Company
	3574-9-175	9	35	74	858165	346880	900	2/26/2010	10/12/2010	6/30/2011				Smith Land Company
	3574-9-176	9	35	74	858576	348064	903	2/17/2010	10/12/2010	6/30/2011				Smith Land Company

Mine Unit	Delineation Number	Sect	Township	Range	Northing	Easting	Total Depth	Drill Date	Seed Date	Abandonment Bond Release Request Date	LQD Abandonment Bond Release Date	Vegetation Bond Release Request Date	LQD Vegetation Bond Release Date	Surface Ownership
	3574-9-177	9	35	74	858184	348098	892	2/19/2010	10/12/2010	6/30/2011				Smith Land Company
	3574-9-178	9	35	74	857822	347946	861	2/23/2010	10/12/2010	6/30/2011				Smith Land Company
	3574-9-179	9	35	74	858035	348247	944	3/16/2010	10/12/2010	6/30/2011				Smith Land Company
	3574-9-180	9	35	74	859148	346578	961	2/24/2010	10/12/2010	6/30/2011				Smith Land Company
	3574-9-181	9	35	74	858064	348298	919	3/1/2010	10/12/2010	6/30/2011				Smith Land Company
	3574-9-182	9	35	74	859500	346490	1040	3/3/2010	10/12/2010	6/30/2011				Smith Land Company
	3574-10-1098	10	35	74	860075	350660	916	2/16/2010	10/12/2010	6/30/2011				Smith Land Company
	3574-10-1099	10	35	74	860075	351460	915	2/17/2010	10/12/2010	6/30/2011				Smith Land Company
	3574-10-1100	10	35	74	858875	349616	837	2/26/2010	10/12/2010	6/30/2011				Smith Land Company
	3574-10-1101	10	35	74	858416	350298	841	3/2/2010	10/12/2010	6/30/2011				Smith Land Company
	3574-10-1102	10	35	74	858579	351899	917	2/26/2010	10/12/2010	6/30/2011				Smith Land Company
	3574-10-1103	10	35	74	859975	350760	935	2/24/2010	10/12/2010	6/30/2011				Smith Land Company
	3574-10-1104	10	35	74	859875	351510	934	2/25/2010	10/12/2010	6/30/2011				Smith Land Company
	3574-10-1105	10	35	74	856400	349110	959	3/18/2010	10/12/2010	6/30/2011				Smith Land Company
	3574-10-1106	10	35	74	858579	352299	916	3/18/2010	10/12/2010	6/30/2011				Smith Land Company
	3574-10-1107	10	35	74	859077	349513	901	3/15/2010	10/12/2010	6/30/2011				Smith Land Company
	3574-10-1108	10	35	74	860075	351760	961	3/18/2010	10/12/2010	6/30/2011				Smith Land Company

Mix 2010-C
(Used Oct '10
thru 2011)

SEED MIX APPLIED	lbs PLS/acre
Western Wheatgrass, Rosanna	5.6
Canby Bluegrass	0.1
Sheeps Fescue, Covar	0.3
Sand Bluesteam	1.4
Prairie Sandreed	1.1
Sideoats Grama	1.8
Gardner Saltbrush	0.02
Total PLS#lbs/acre	10.32

Mix 2010-B
(Used Aug '10
thru Oct '10)

SEED MIX APPLIED	lbs PLS/acre
Western Wheatgrass, Rosanna	2.47
Slender Wheatgrass	1.71
Linn Perennial Rye	1.23
Indian Rice Grass	1.23
Blue Grama	2.47
Little Bluestem	1.08
Gardner Saltbrush	0.31
Total PLS#lbs/acre	10.5

Mix 2010-A
(Used Jun '10
thru Aug '10)

SEED MIX APPLIED	lbs PLS/acre
Canby Bluegrass	1
Sheeps Fescue, Covar	2
Linn Perennial Rye	2
Blue Grama	2
Sideoats Grama	1.5
Prairie Sandreed	1
Gardner Saltbrush	1.5
Total PLS#lbs/acre	11

Mix 2009-B
(Used Oct '09
thru Jun '10)

SEED MIX APPLIED	lbs PLS/acre
Canby Bluegrass	1
Sheeps Fescue, Covar	2
Indian Rice Grass	2
Sand Bluestem	0.75
Little Bluestem	1
Winterfat	2
Prairie June Grass	0.5
Blue Fax	1
Total PLS#lbs/acre	10.25

TABLE 10-3: 2010-2011 ANNUAL REPORT: ' STATION AND RELEASE REQUEST, PERMIT #633

56 Location holes

Prepared By
Operator NameKen Garoutte
Cameco Resources
Smith Ranch-Highland Operation
P.O. Box 1210, Glenrock, WY 82637

All coordinates are in Converse County

HOLE ID	DRILL DATE	TOWN SHIP	RANGE	SECTION	EAST	NORTH	TOTAL DEPTH (ft.)	ABANDONMENT BOND RELEASE REQUEST DATE	LQD ABANDONMENT BOND RELEASE DATE	VEGETATION BOND RELEASE REQUEST DATE	LQD VEGETATION BOND RELEASE DATE	SURFACE OWNERSHIP
MU 2												
25-1507	9/14/07	36N	74W	25	360344	871057	870	4/29/10		6/30/2011		Federal/BLM
25-1509	9/17/07	36N	74W	25	360344	871562	870	4/29/10		6/30/2011		Federal/BLM
MU 9												
7-336	2/8/07	35N	74W	7	338304	855253	920	4/29/10		6/30/2011		Smith Land Company
8-338	2/6/07	35N	74W	8	338402	855250	920	4/29/10		6/30/2011		Smith Land Company
8-339	2/7/07	35N	74W	8	338550	855298	920	4/29/10		6/30/2011		Smith Land Company
8-340	2/20/07	35N	74W	8	338416	855202	920	4/29/10		6/30/2011		Smith Land Company
8-342	3/13/07	35N	74W	8	338577	855360	920	4/29/10		6/30/2011		Smith Land Company
8-343	12/5/07	35N	74W	8	339940	855480	920	4/29/10		6/30/2011		Smith Land Company
8-346	3/28/07	35N	74W	8	340410	855670	920	4/29/10		6/30/2011		Smith Land Company
17-930	2/12/07	35N	74W	17	339800	854750	900	4/29/10		6/30/2011		Smith Land Company
17-931	2/9/07	35N	74W	17	339751	854698	900	4/29/10		6/30/2011		Smith Land Company
17-932	2/8/07	35N	74W	17	339698	854602	900	4/29/10		6/30/2011		Smith Land Company
18-844	1/2/07	35N	74W	18	337619	853134	940	4/29/10		6/30/2011		Smith Land Company
18-845	3/19/07	35N	74W	18	336600	852450	940	4/29/10		6/30/2011		Smith Land Company
18-846	2/26/07	35N	74W	18	334302	850603	960	4/29/10		6/30/2011		Magee Revocable Trust
18-847	2/27/07	35N	74W	18	334203	850402	960	4/29/10		6/30/2011		Magee Revocable Trust
18-848	3/7/07	35N	74W	18	334001	850500	960	4/29/10		6/30/2011		Magee Revocable Trust
18-849	3/7/07	35N	74W	18	334302	850755	980	4/29/10		6/30/2011		Magee Revocable Trust
18-850	3/7/07	35N	74W	18	333852	850652	960	4/29/10		6/30/2011		Magee Revocable Trust
18-851	3/8/07	35N	74W	18	333749	851003	1000	4/29/10		6/30/2011		Magee Revocable Trust
18-852	3/8/07	35N	74W	18	333702	850691	960	4/29/10		6/30/2011		Magee Revocable Trust
18-854	3/7/07	35N	74W	18	334078	850926	980	4/29/10		6/30/2011		Magee Revocable Trust
18-855	3/5/07	35N	74W	18	333800	850448	960	4/29/10		6/30/2011		Magee Revocable Trust
MU 15A												
11-1196	8/28/07	35N	74W	11	354537	857224	500	4/29/10		6/30/2011		Smith Land Company
11-1197	8/29/07	35N	74W	11	354547	857225	500	4/29/10		6/30/2011		Smith Land Company
MU K												
25-1497	8/20/07	36N	74W	25	364599	873059	960	4/29/10		6/30/2011		Linda Kay Birkner
25-1498	8/20/07	36N	74W	25	364391	873110	1000	4/29/10		6/30/2011		Linda Kay Birkner
25-1499	8/22/07	36N	74W	25	364591	872978	980	4/29/10		6/30/2011		Linda Kay Birkner
25-1500	8/31/07	36N	74W	25	364606	873140	980	4/29/10		6/30/2011		Linda Kay Birkner
25-1501	8/29/07	36N	74W	25	364538	873025	980	4/29/10		6/30/2011		Linda Kay Birkner
25-1502	9/4/07	36N	74W	25	364472	872999	980	4/29/10		6/30/2011		Linda Kay Birkner
25-1503	9/5/07	36N	74W	25	364473	873005	980	4/29/10		6/30/2011		Linda Kay Birkner
25-1504	9/11/07	36N	74W	25	364188	873173	1000	4/29/10		6/30/2011		Linda Kay Birkner
25-1505	9/13/07	36N	74W	25	364256	873190	1000	4/29/10		6/30/2011		Linda Kay Birkner
25-1506	9/14/07	36N	74W	25	363244	872579	980	4/29/10		6/30/2011		Linda Kay Birkner

TABLE 10-3: 2010-2011 ANNUAL REPORT: VEG' ION BOND RELEASE REQUEST, PERMIT #633
56 delineation holes

HOLE ID	DRILL DATE	TOWN SHIP	RANGE	SECTION	EAST	NORTH	TOTAL DEPTH (ft.)	ABANDONMENT BOND RELEASE REQUEST DATE	LQD ABANDONMENT BOND RELEASE DATE	VEGETATION BOND RELEASE REQUEST DATE	LQD VEGETATION BOND RELEASE DATE	SURFACE OWNERSHIP
25-1508	9/17/07	36N	74W	25	364266	873190	1000	4/29/10		6/30/2011		Linda Kay Birkner
25-1510	10/1/07	36N	74W	25	364282	872142	920	4/29/10		6/30/2011		Linda Kay Birkner
25-1511	10/4/07	36N	74W	25	364391	872055	920	4/29/10		6/30/2011		Linda Kay Birkner
25-1512	10/9/07	36N	74W	25	364185	872245	940	4/29/10		6/30/2011		Linda Kay Birkner
25-1513	10/11/07	36N	74W	25	364401	872055	920	4/29/10		6/30/2011		Linda Kay Birkner
25-1514	10/22/07	36N	74W	25	364158	872181	920	4/29/10		6/30/2011		Linda Kay Birkner
25-1515	11/1/07	36N	74W	25	364163	872185	920	4/29/10		6/30/2011		Linda Kay Birkner
30-570	8/13/07	36N	73W	30	364811.6	873466.8	940	4/29/10		6/30/2011		Vollman Ranches Inc.
30-571	8/13/07	36N	73W	30	364743.9	873296.1	960	4/29/10		6/30/2011		Vollman Ranches Inc.
30-572	8/14/07	36N	73W	30	365029.7	873262.1	960	4/29/10		6/30/2011		Vollman Ranches Inc.
30-573	8/20/07	36N	73W	30	364877.9	873341.6	940	4/29/10		6/30/2011		Vollman Ranches Inc.
30-574	8/21/07	36N	73W	30	364659.8	873093.1	980	4/29/10		6/30/2011		Vollman Ranches Inc.
30-575	8/15/07	36N	73W	30	364803.1	873255.2	960	4/29/10		6/30/2011		Vollman Ranches Inc.
30-576	8/28/07	36N	73W	30	364941.7	873372.6	940	4/29/10		6/30/2011		Vollman Ranches Inc.
30-577	8/29/07	36N	73W	30	365035	873600	940	4/29/10		6/30/2011		Vollman Ranches Inc.
30-578	8/30/07	36N	73W	30	365040.1	873603.2	940	4/29/10		6/30/2011		Vollman Ranches Inc.
30-579	9/12/07	36N	73W	30	365347.6	873634	940	4/29/10		6/30/2011		Vollman Ranches Inc.
30-580	9/10/07	36N	73W	30	364678.1	873161.6	980	4/29/10		6/30/2011		Vollman Ranches Inc.
30-581	11/11/07	36N	73W	30	364818	873470	940	4/29/10		6/30/2011		Vollman Ranches Inc.
30-582	11/6/07	36N	73W	30	365046	873608	940	4/29/10		6/30/2011		Vollman Ranches Inc.
30-583	11/21/07	36N	73W	30	364993	873421	920	4/29/10		6/30/2011		Vollman Ranches Inc.

Table 10-3
Meterological Data
November 2010 - April 2011

Date	Temp Avg. (F)	Rain Fall Total (in)
10-Nov	26.7	0.01
10-Dec	27.9	0.16
11-Jan	24.3	0.02
11-Feb	20.4	0.06
11-Mar	35.4	0.11
11-Apr	39	1.22
Total Rainfall Rpt. Period		1.58

Date	Wind Speed Avg. (mph)	Wind Angle Avg.	Wind Direction Avg.
10-Nov	11.28	214.47	Southwest
10-Dec	12.4	243.39	Southwest
11-Jan	13.45	254.22	West
11-Feb	14.23	224.46	Southwest
11-Mar	13.09	220.59	Southwest
11-Apr	14.24	230.22	Southwest

Appendix A

07/03/08

SR RESTORATION SCHEDULE
 (PROJECTED)
9.0 PV: 1 GWS + 8 RO
GWS at 250 gpm
RO at 1000 extraction, 250 gpm bleed

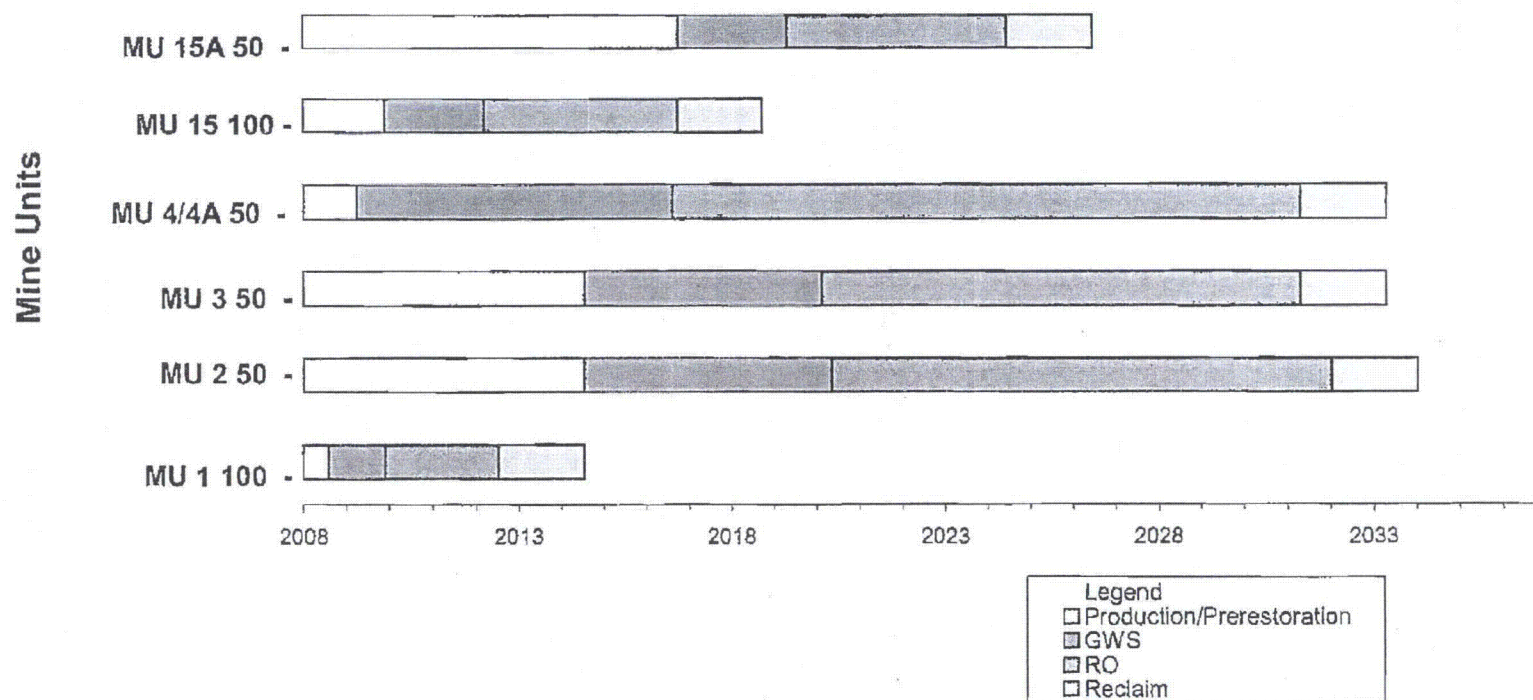


Table 1-2

Change No. 29-Permit 433
 12/31/08-TFN 54/49

Appendix B

Cameco Resources
Smith Ranch Uranium Project
2011-12 Surety Estimate

Smith Ranch Reclamation Cost Estimate, June 30, 2011

I.	Groundwater Restoration (GW REST Sheet)		\$25,632,881
II.	Well Abandonment and Wellfield Reclamation (WA, WF REC and WF-SAT-SURF Sheets)		\$28,826,257
III.	Equipment and Building Costs (EQUIP, BLDGS Sheets)		\$ 7,220,111
IV.	Miscellaneous Site Reclamation (MISC REC Sheet)		\$1,392,302
	Subtotal Reclamation Cost		\$63,071,551
	Contingency	25%	\$15,767,888
		TOTAL	\$78,839,439

Permit 633

items highlighted in yellow have changed from previous version

Cameco Resources
Smith Ranch Uranium Project
2011-12 Surety Estimate

Ground Water Restoration													
	Mine Unit-1	Mine Unit-2	Mine Unit-3/Ext	Mine Unit-4/4A/4Ext	Mine Unit-15	Mine Unit-15A	Mine Unit K	Mine Unit 9	Mine Unit 10	Mine Unit 27	Mine Unit 21	Mine Unit 7	Mine Unit 8
I. Ground Water Sweep Costs													
Estimated PVs	0	1	1	1	1	1	1	1	1	0	0	1	1
Total Kgal for GWS	0	125235	151878	119216	137426	52669	157279	136376	167880	0	0	53608	53608
Bleed to Deep Disposal Well (%)	100	100	100	100	100	100	100	100	100	100	100	100	100
Groundwater Sweep Unit Cost (\$/Kgal)	\$1.15	\$1.15	\$1.15	\$1.15	\$1.15	\$1.15	\$1.15	\$1.15	\$1.15	\$1.15	\$1.15	\$1.15	\$1.15
Subtotal Ground Water Sweep Costs per Wellfield	\$0.00	\$143,561.44	\$174,103.28	\$136,661.64	\$157,536.43	\$60,376.39	\$180,294.64	\$156,332.77	\$192,446.96	\$0.00	\$0.00	\$61,452.80	\$61,452.80
Total Ground Water Sweep Costs	\$1,262,766.35												
II. Reverse Osmosis Costs													
Estimated PVs	0	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	0	0	4.5	4.5
Total Kgal for RO	0	563,558	683,451	536,472	618,417	237,011	707,756	613,692	755,460	0	0	241,236	241,236
Bleed to Deep Disposal Well (%)	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%
Reverse Osmosis Unit Cost (\$/Kgal)	\$0.40	\$0.40	\$0.40	\$0.40	\$0.40	\$0.40	\$0.40	\$0.40	\$0.40	\$0.40	\$0.40	\$0.40	\$0.40
Brine volume for disposal	0	84,534	102,518	80,471	92,763	35,552	106,163	92,054	113,319	0	0	36,183	36,183
DWW Disposal Cost (\$/Kgal)	\$0.66	\$0.66	\$0.66	\$0.66	\$0.66	\$0.66	\$0.66	\$0.66	\$0.66	\$0.66	\$0.66	\$0.66	\$0.66
Disposal Cost per wellfield	\$0.00	\$55,981.11	\$67,890.76	\$53,290.57	\$61,430.59	\$23,543.49	\$70,305.05	\$60,961.24	\$75,043.79	\$0.00	\$0.00	\$23,963.23	\$23,963.23
Subtotal Reverse Osmosis & Disposal Costs per Wellfield	\$0.00	\$283,711.86	\$344,069.87	\$270,076.20	\$311,329.79	\$119,318.24	\$356,305.49	\$308,951.08	\$380,321.38	\$0.00	\$0.00	\$121,445.49	\$121,445.49
Total Reverse Osmosis Costs	\$2,495,529.40												
III. Reverse Osmosis with Chemical Reductant Costs													
Estimated PVs	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Total Kgal for RO	62,837	125,235	151,878	119,216	137,426	52,669	157,279	136,376	167,880	0	0	53,608	53,608
Bleed to Deep Disposal Well (%)	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%
Reverse Osmosis with chemical reductant Unit Cost (\$/Kgal)	\$0.44	\$0.44	\$0.44	\$0.44	\$0.44	\$0.44	\$0.44	\$0.44	\$0.44	\$0.44	\$0.44	\$0.44	\$0.44
Brine volume for disposal	9,426	18,785	22,782	17,882	20,614	7,900	23,592	20,456	25,182	0	0	8,041	8,041
DWW Disposal Cost (\$/Kgal)	\$0.66	\$0.66	\$0.66	\$0.66	\$0.66	\$0.66	\$0.66	\$0.66	\$0.66	\$0.66	\$0.66	\$0.66	\$0.66
Disposal Cost per wellfield	\$6,241.93	\$12,440.25	\$15,086.84	\$11,842.35	\$13,651.24	\$5,231.89	\$15,623.35	\$13,546.94	\$16,676.40	\$0.00	\$0.00	\$5,325.16	\$5,325.16
Subtotal Reverse Osmosis Chemical Reductant & Disposal Costs per Wellfield	\$34,021.85	\$67,806.01	\$82,231.34	\$64,547.14	\$74,406.59	\$28,516.59	\$85,155.60	\$73,838.08	\$90,895.30	\$0.00	\$0.00	\$29,024.99	\$29,024.99
Total Reverse Osmosis Costs	\$630,443.49												
III. Bioremediation Costs (information only, data being compiled)													
Estimated PVs	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Kgal for Bioremediation	0	0	0	0	0	0	0	0	0	0	0	0	0
Bleed to Deep Disposal Well (%)	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%
Bioremediation Unit Cost (\$/Kgal)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Subtotal Bioremediation Costs per Wellfield	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Bioremediation Costs	\$0.00												
IV. MIT Costs													
MIT Costs per Well	\$229.83	\$229.83	\$229.83	\$229.83	\$229.83	\$229.83	\$229.83	\$229.83	\$229.83	\$229.83	\$229.83	\$229.83	\$229.83
Restoration period, (months)	36.00	232.00	230.00	276.00	88.00	108.00	56.00	83.00	83.00	0.00	0.00	39.00	12.00
Number of MIT's req'd for Prod & Inj wells	170	1,458	1,403	2,617	974	1,071	767	819	1,008	0	0	117	12
Subtotal MIT Mine Unit	\$39,163.60	\$335,037.24	\$322,456.17	\$601,565.77	\$223,827.79	\$246,151.50	\$176,328.13	\$188,219.71	\$231,775.43	\$0.00	\$0.00	\$26,890.50	\$2,758.00
5-year MIT Costs for Disposal Wells	\$5,907.53												
Number of DDWs	5												
Number of MITs per DDW	5												
Subtotal MIT DDWs	\$147,688.25												
Total MIT Costs	\$2,539,104.08												
V. Monitoring and Sampling Costs													
Modified Guideline 8 analysis =	\$337.00	analysis											
6 parameter contract laboratory analysis =	\$100.00	analysis											
Total monitor wells	62	50	59	90	83	56	128	103	153	0	0	80	120
Groundwater sweep duration (months)	0.00	72.00	72.00	72.00	16.00	24.00	13.00	21.00	21.00	0.00	0.00	8.00	0.00
Reverse Osmosis duration (months)	24.00	148.00	146.00	192.00	60.00	72.00	31.00	50.00	50.00	0.00	0.00	19.00	0.00
Stabilization duration (months)	12	12	12	12	12	12	12	12	12	0	0	12	12
A. Monitor Well Sampling													
1 Well Sampling prior to restoration start													

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Ground Water Restoration														
	Mine Unit-1	Mine Unit-2	Mine Unit-3/Ext	Mine Unit-4/4A/4Ext	Mine Unit-15	Mine Unit-15A	Mine Unit K	Mine Unit 9	Mine Unit 10	Mine Unit 27	Mine Unit 21	Mine Unit 7	Mine Unit 8	
# of Wells	62	50	59	90	83	56	128	103	153	0	0	80	120	
\$/sample	\$337.00	\$337.00	\$337.00	\$337.00	\$337.00	\$337.00	\$337.00	\$337.00	\$337.00	\$337.00	\$337.00	\$337.00	\$337.00	
2. Groundwater Sweep Sampling (quarterly)														
# of Wells	62	50	59	90	83	56	128	103	153	0	0	80	120	
Total # samples	0	1200	1416	2160	443	448	555	721	1071	0	0	214	0	
\$/sample	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	
3. RO Sampling (quarterly)														
# of Wells	62	50	59	90	83	56	128	103	153	0	0	80	120	
Total # samples	496	2467	2872	5760	1660	1344	1323	1717	2550	0	0	507	0	
\$/sample	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	
4. Stabilization Sampling (Guideline 8, quarterly)														
# of Wells	17	31	24	30	61	34	34	56	153	0	0	80	120	
Total # samples	68	124	96	120	244	136	136	224	612	0	0	320	480	
\$/sample	\$337.00	\$337.00	\$337.00	\$337.00	\$337.00	\$337.00	\$337.00	\$337.00	\$337.00	\$337.00	\$337.00	\$337.00	\$337.00	
5. Stabilization Sampling (6 parameter bi-monthly)														
# of Wells	17	31	24	30	61	34	34	56	153	0	0	80	120	
Total # samples	102	186	144	180	366	204	204	336	918	0	0	480	720	
\$/sample	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	
6. Monitor Well Sampling														
# of Wells	62	50	59	90	83	56	128	103	153	0	0	80	120	
\$/sample	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	
Total # samples (2 month intervals)	1116	5800	6785	12420	3652	3024	3584	4275	6350	0	0	1560	720	
7. Other Laboratory Costs														
Radon, urinalysis, etc. =	\$1,000.00	month												
Total for Other Laboratory Costs:	\$36,000.00	\$232,000.00	\$230,000.00	\$276,000.00	\$88,000.00	\$108,000.00	\$56,000.00	\$83,000.00	\$83,000.00	\$0.00	\$0.00	\$39,000.00	\$12,000.00	
Subtotal Monitoring and Sampling Costs per Mine Unit	\$251,210.00	\$1,255,938.00	\$1,403,935.00	\$2,398,770.00	\$810,299.00	\$674,704.00	\$711,568.00	\$898,099.00	\$1,429,705.00	\$0.00	\$0.00	\$449,900.00	\$358,200.00	
Total Monitoring and Sampling Costs	\$10,284,128.00													
VI. Supervisory Labor Cost (for all Reclamation)														
Environmental Manager/RSO Support	\$11,396.12													
Restoration Manager Support	\$8,079.88	month												
HP Technician support	\$4,746.08	month												
Active restoration period (months)	36.00	232.00	230.00	276.00	88.00	108.00	56.00	83.00	83.00	0.00	0.00	39.00	12.00	
Stabilization period (months)	12	12	12	12	12	12	12	12	12	0	0	12	12	
Total Restoration Period	11 years													
Manager support during restoration	\$2,570,831.21													
HP Technician support during restoration	\$626,482.82													
Labor Support 5 each	\$2,571,140.00													
RO ops/maint. Labor, 2 each	\$1,028,456.00													
Total Supervisory Labor Costs	\$6,796,910.03													
TOTAL RESTORATION COST PER WELLFIELD	\$324,395.45	\$2,086,054.55	\$2,326,795.66	\$3,471,620.75	\$1,577,399.60	\$1,129,066.72	\$1,509,651.86	\$1,625,140.64	\$2,325,144.07	\$0.00	\$0.00	\$688,713.78	\$572,881.28	
IX. Cost of Refurbishing Mine Unit to facilitate restoration														
Number of Wells, ea	31	30	0	55	0	0	0	0	0	0	0	0	0	
Cost to Refurbish Well, \$/well	\$14,000	\$14,000	\$14,000	\$14,000	\$14,000	\$14,000	\$14,000	\$14,000	\$14,000	\$14,000	\$14,000	\$14,000	\$14,000	
Number of Bell Holes, ea	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cost per Bell Hole, \$/ea	\$8,886	\$8,886	\$8,886	\$8,886	\$8,886	\$8,886	\$8,886	\$8,886	\$8,886	\$8,886	\$8,886	\$8,886	\$8,886	
Number of Header Houses, ea	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cost per Header House, \$/ea	\$32,000	\$32,000	\$32,000	\$32,000	\$32,000	\$32,000	\$32,000	\$32,000	\$32,000	\$32,000	\$32,000	\$32,000	\$32,000	
Subtotal cost per header house	\$434,000	\$420,000	\$0	\$770,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Total Cost of Refurbishing Mine Unit to facilitate restoration	\$1,624,000													
TOTAL GROUND WATER RESTORATION COSTS	\$25,632,881.36													

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Well Abandonment																
	Mine Unit-1	Mine Unit-2	Mine Unit-3	Mine Unit-4	Mine Unit-15	Mine Unit-15A	Mine Unit-16	Mine Unit-9	Mine Unit-10	Mine Unit-27	Mine Unit-23	Mine Unit-7	Mine Unit-8	Delineation Holes General	Totals	
I. Well Abandonment (Wellfields)																
# of Production Wells	113	145	140	216	211	211	285	238	234	0	0	60	20		1873	
# of Injection Wells	171	232	226	353	453	384	537	354	495	0	0	120	40		3365	
# of Monitoring Wells	62	50	59	90	83	56	128	103	153	0	0	80	120		984	
Total Number of Wells	346	427	425	659	747	651	950	695	882	0	0	260	180		6122	
Average Diameter of Casing (inches)	5	5	5	5	5	5	5	5	5	5	5	5	5			
Production, Injection and Perimeter Well Average Depth (ft)	500	850	750	850	450	500	950	950	900	800	600	950	950		744	
Total Mine Unit Well Depth (ft), production wells	56500	123500	104000	183600	94950	105500	270750	276100	210600	0	0	57000	19000		1376250	
Total Mine Unit Well Depth (ft), all others	116500	239700	213750	376550	241200	220000	631750	434150	583200	0	0	190000	132000			
Well Abandonment Unit Cost (\$/ft. of well)	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50			
Well Abandonment (w/ pump) Unit Cost (\$/ft. of well)	\$2.80	\$2.80	\$2.80	\$2.80	\$2.80	\$2.80	\$2.80	\$2.80	\$2.80	\$2.80	\$2.80	\$2.80	\$2.80			
Subtotal Abandonment Cost per Wellfield	\$449,450.00	\$944,250.00	\$828,375.00	\$1,455,455.00	\$868,860.00	\$845,400.00	\$2,337,475.00	\$1,718,455.00	\$2,047,680.00	\$0.00	\$0.00	\$634,600.00	\$433,200.00		\$12,563,300.00	
II. Removal of Contaminated Soil Around Wells																
# of Production and Injection Wells	5238															
Cost per well (\$/well)	214.23															
Subtotal Removal of Soil Around Wells	\$1,122,136.74														\$1,122,136.74	
III. Delineation Hole Abandonment																
# of Projected Holes	0	0	0	0	0	0	0	0	50	0	0	100	100		2550	
Average Depth (ft)	500	850	750	850	450	500	950	950	900	800	600	950	950		750	
Hole Abandonment Unit Cost (\$/ft. of hole)	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50		\$2.50	
# of holes in 2-3yr revegetation period	0	0	0	0	0	0	0	0	30	0	0	100	100		2550	
Site Reclamation (\$/hole)	\$73.53	\$73.53	\$73.53	\$73.53	\$73.53	\$73.53	\$73.53	\$73.53	\$73.53	\$73.53	\$73.53	\$73.53	\$73.53		\$73.53	
Subtotal Hole Abandonment per Wellfield	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$116,176.50	\$0.00	\$0.00	\$244,853.00	\$244,853.00		\$4,968,751.50	
IV. Waste Disposal Well Abandonment	DDW #1	DDW #2	DDW SRHUP 6 (SW)	DDW Reynolds	DDW SRHUP 10	DDW SRHUP 7	DDW SRHUP 8									
A. Well Sealing																
Sealing cost per foot (in UIC permit)	\$11.91	\$11.91	\$11.91	\$11.91	\$11.91	\$11.91	\$0.00									
Subtotal Plugging Costs per Well (in UIC permit)	\$120,291	\$120,291	\$97,662	\$100,044	\$100,044	\$100,044	\$0									
B. Pump Dismantling and Decontamination																
Number of Persons	2	2	2	2	2	2	0									
Number of Pumps	2	2	2	2	2	2	2									
Pumps/Day	0.5	0.5	0.5	0.5	0.5	0.5	0.5									
Number of Days	4	4	4	4	4	4	4									
\$/Day/Person	\$263	\$263	\$263	\$263	\$263	\$263	\$263									
Subtotal Dismantling and Decon Costs per Well	\$2,104	\$2,104	\$2,104	\$2,104	\$2,104	\$2,104	\$0									
C. Tubing String Disposal (NRC-Licensed Facility)																
Length of Tubing String (ft)	10,100	10,100	8,200	8,400	8,400	8,400	0									
Diameter of Tubing String (inches)	2.875	2.875	2.875	2.875	2.875	2.875	2.875									
Volume of Tubing String (ft ³)	235	235	191	196	196	196	0									
Transportation and Disposal Unit Cost (\$/ft ³)	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06									
Subtotal Tubing String Disposal Costs per Well	\$1,424	\$1,424	\$1,156	\$1,184	\$1,184	\$1,184	\$0									
Subtotal Waste Disposal Well Abandonment Costs per Well	\$123,818.78	\$123,818.78	\$100,921.78	\$103,331.78	\$103,331.78	\$103,331.78	\$0.00									
Total Waste Disposal Well Abandonment Costs	\$658,554.66															
Total Wellfield Abandonment Costs	\$19,918,627.90															

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Wellfield Buildings and Equipment Removal and Disposal		Mine Unit-1	Mine Unit-2	Mine Unit-3/3 Ext	Mine Unit-4/4A/4Ext	Mine Unit-15	Mine Unit-15A	Mine Unit-K	Mine Unit-9	Mine Unit-10	Mine Unit-27	Mine Unit-21	Mine Unit-7	Mine Unit-8
I. Wellfield Piping														
	Number of Header Houses per Wellfield	6	5	10	11	13	9	16	13	9		0	3	3
	Approximate Length of Piping per Header House (ft) (ave. 46 wells per with 300 ft pipe)	13800	13800	13800	13800	13800	13800	13800	13800	13800	13800	13800	13800	13800
	Approximate Total Length of Piping (ft)	82800	69000	138000	151800	179400	124200	220800	179400	124200	0	0	41400	41400
	A. Removal and Loading													
	Trench Length - usually run multiple pipes in trench assume 1/4 pipe length	20700	17250	34500	37950	44850	31050	55200	44850	31050	0	0	10350	10350
	Wellfield Piping Removal Unit Cost (\$/ft of pipe)	\$1.83	\$1.83	\$1.83	\$1.83	\$1.83	\$1.83	\$1.83	\$1.83	\$1.83	\$1.83	\$1.83	\$1.83	\$1.83
	Subtotal Wellfield Piping Removal and Loading Costs	\$151,524	\$126,270	\$252,540	\$277,794	\$328,302	\$227,286	\$404,064	\$328,302	\$227,286	\$0	\$0	\$75,762	\$75,762
	B. Transport and Disposal Costs (NRC-Licensed Facility)													
	Average Diameter of Piping (inches)	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5		1.5	1.5	1.5
	Chipped Volume Reduction (ft ³ /ft)	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
	Chipped Volume per Wellfield (ft ³)	568	473	946	1041	1230	851	1514	1230	851	0	0	284	284
	Volume for Disposal Assuming 10% Void Space (ft ³)	624	520	1041	1145	1353	937	1665	1353	937	0	0	312	312
	Transportation and Disposal Unit Cost (\$/ft ³)	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06
	Subtotal Wellfield Piping Transport and Disposal Costs	\$3,779	\$3,149	\$6,304	\$6,934	\$8,193	\$5,674	\$10,083	\$8,193	\$5,674	\$0	\$0	\$1,889	\$1,889
	Wellfield Piping Costs per Wellfield	\$155,303	\$129,419	\$258,844	\$284,728	\$336,495	\$232,960	\$414,147	\$336,495	\$232,960	\$0	\$0	\$77,651	\$77,651
	Total Wellfield Piping Costs	\$2,536,653												
II. Well Pumps and Tubing														
	Assumptions:													
	60% of production/injection wells contain pumps and/or tubing													
	A. Pump and Tubing Transportation and Disposal													
	Number of Production Wells	113	145	140	216	211	211	285	238	234	0	0	60	20
	Number of Injection Wells	171	232	226	353	453	384	537	354	495	0	0	120	40
	1. Pump Volume													
	Number of Production Wells with Pumps	68	87	84	130	127	127	171	143	140	0	0	36	12
	Average Pump Volume (ft ³)	1	1	1	1	1	1	1	1	1	1	1	1	1
	Pump Volume per Wellfield (ft ³)	68	87	84	130	127	127	171	143	140	0	0	36	12
	2. Tubing Volume													
	Assumptions:													
	Average tubing length/wellfield based on average well depth minus 25 ft													
	Number of Production Wells with Tubing	68	87	84	130	127	127	171	143	140	0	0	36	12
	Number of Injection Wells with Tubing	103	139	136	212	272	230	322	212	297	0	0	72	24
	Average Tubing Length per Well (ft)	475	825	725	825	425	475	925	925	875	775	575	925	925
	Tubing Length per Wellfield (ft)	81225	186450	159500	282150	169575	169575	456025	328375	382375	0	0	99900	33300
	Diameter of Production Well Fiberglass Tubing (inches)	2	2	2	2	2	2	2	2	2	2	2	2	2
	Diameter of Injection Well HDPE Tubing (inches)	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
	Chipped Volume Reduction (ft ³ /ft)	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
	Chipped Volume per Wellfield (ft ³)	557	1278	1093	1934	1162	1162	3126	2231	2621	0	0	685	228
	Volume of Pump and Tubing (ft ³)	625	1365	1177	2064	1289	1289	3297	2394	2761	0	0	721	240
	Volume for Disposal Assuming 10% Void Space (ft ³)	688	1502	1295	2270	1418	1418	3627	2633	3037	0	0	793	264
	Transportation and Disposal Unit Cost (\$/ft ³)	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06
	Pump and Tubing Transport and Disposal Costs Per Wellfield	\$4,166	\$9,095	\$7,842	\$13,746	\$8,587	\$8,587	\$21,964	\$15,944	\$18,391	\$0	\$0	\$4,802	\$1,599
	Total Pump and Tubing Disposal Costs	\$114,723												
III. Buried Trunkline (Includes S for fiber optic cable removal)														
	Assumptions:													
	Length of Trunkline Trench (ft)	5075	7600	4790	12565	19085	7500	17198	11565	2500	0	0	5400	5400
	A. Removal and Loading													
	Main Pipeline Removal Unit Cost (\$/ft of trench)	\$1.83	\$1.83	\$1.83	\$1.83	\$1.83	\$1.83	\$1.83	\$1.83	\$1.83	\$1.83	\$1.83	\$1.83	\$1.83
	Subtotal Trunkline Removal and Loading Costs	\$9,287	\$13,908	\$8,766	\$22,994	\$34,926	\$13,725	\$31,472	\$21,164	\$4,575	\$0	\$0	\$9,882	\$9,882
	B. Transport and Disposal Costs (NRC-Licensed Facility)													
	1. 2" HDPE Trunkline													
	Piping Length (ft)	0	0	0	0	0	0	0	0	0	0	0	0	0
	Chipped Volume per foot of pipe (ft ³ /ft)	0.0107	0.0107	0.0107	0.0107	0.0107	0.0107	0.0107	0.0107	0.0107	0.0107	0.0107	0.0107	0.0107
	Chipped Volume (ft ³)	0	0	0	0	0	0	0	0	0	0	0	0	0

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2	3" HDPE Trunkline														
	Piping Length (ft)	5075	7600	4790	12565	0	0	0	0	0	0	0	0	0	30030
	Chipped Volume per foot of pipe (ft ³ /ft)	0.0233	0.0233	0.0233	0.0233	0.0233	0.0233	0.0233	0.0233	0.0233	0.0233	0.0233	0.0233	0.0233	
	Chipped Volume (ft ³)	118	177	112	293	0	0	0	0	0	0	0	0	0	
3	4" HDPE Trunkline														
	Piping Length (ft)					0	0	0	0	0	0	0	0	0	0
	Chipped Volume per foot of pipe (ft ³ /ft)	0.0385	0.0385	0.0385	0.0385	0.0385	0.0385	0.0385	0.0385	0.0385	0.0385	0.0385	0.0385	0.0385	
	Chipped Volume (ft ³)	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	6" HDPE Trunkline														
	Piping Length (ft)	2410	10000	4820	7320	28170	2320	5754	4800	2000	0	0	0	0	67594
	Chipped Volume per foot of pipe (ft ³ /ft)	0.0834	0.0834	0.0834	0.0834	0.0834	0.0834	0.0834	0.0834	0.0834	0.0834	0.0834	0.0834	0.0834	
	Chipped Volume (ft ³)	201	834	402	610	2349	193	480	400	167	0	0	0	0	
5	8" HDPE Trunkline														
	Piping Length (ft)	4100	0	1100	4240	4000	6266	2052	15980	3000	0	0	4000	4000	48738
	Chipped Volume per foot of pipe (ft ³ /ft)	0.1413	0.1413	0.1413	0.1413	0.1413	0.1413	0.1413	0.1413	0.1413	0.1413	0.1413	0.1413	0.1413	
	Chipped Volume (ft ³)	579	0	155	599	565	885	290	2258	424	0	0	565	565	
6	10" HDPE Trunkline														
	Piping Length (ft)	0	5200	3660	4680	6000	1400	1028	2800	0	0	0	2000	2000	28768
	Chipped Volume per foot of pipe (ft ³ /ft)	0.2196	0.2196	0.2196	0.2196	0.2196	0.2196	0.2196	0.2196	0.2196	0.2196	0.2196	0.2196	0.2196	
	Chipped Volume (ft ³)	0	1142	804	1028	1317	307	226	615	0	0	0	439	439	
7	12" HDPE Trunkline														
	Piping Length (ft)	1460	0	0	5270	0	1080	2866	4110	0	0	0	0	0	14786
	Chipped Volume per foot of pipe (ft ³ /ft)	0.3088	0.3088	0.3088	0.3088	0.3088	0.3088	0.3088	0.3088	0.3088	0.3088	0.3088	0.3088	0.3088	
	Chipped Volume (ft ³)	451	0	0	1627	0	333	885	1269	0	0	0	0	0	
8	14" HDPE Trunkline														
	Piping Length (ft)	740	0	0	0	0	6200	0	1830	0	0	0	4000	4000	16770
	Chipped Volume per foot of pipe (ft ³ /ft)	0.3723	0.3723	0.3723	0.3723	0.3723	0.3723	0.3723	0.3723	0.3723	0.3723	0.3723	0.3723	0.3723	
	Chipped Volume (ft ³)	276	0	0	0	0	2308	0	681	0	0	0	1489	1489	
9	16" HDPE Trunkline														
	Piping Length (ft)	1440	0	0	3620	0	0	2010	1420	0	0	0	0	0	8490
	Chipped Volume per foot of pipe (ft ³ /ft)	0.4864	0.4864	0.4864	0.4864	0.4864	0.4864	0.4864	0.4864	0.4864	0.4864	0.4864	0.4864	0.4864	
	Chipped Volume (ft ³)	700	0	0	1761	0	0	978	691	0	0	0	0	0	
10	18" HDPE Trunkline														
	Piping Length (ft)	0	0	0	0	24170	0	20686	7640	0	0	0	0	0	52496
	Chipped Volume per foot of pipe (ft ³ /ft)	0.6155	0.6155	0.6155	0.6155	0.6155	0.6155	0.6155	0.6155	0.6155	0.6155	0.6155	0.6155	0.6155	
	Chipped Volume (ft ³)	0	0	0	0	14877	0	12732	4702	0	0	0	0	0	
	Total Chipped Volume (ft ³)	2207	1976	1361	5625	19108	4028	15590	10617	591	0	0	2494	2494	
	Volume for Disposal Assuming 10% Void Space (ft ³)	2428	2173	1497	6188	21019	4431	17149	11678	650	0	0	2743	2743	
	Transportation and Disposal Unit Cost (\$/ft ³)	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	
	Subtotal Trunkline Transport and Disposal Costs	\$14,703	\$13,159	\$9,065	\$37,472	\$127,282	\$26,832	\$103,847	\$70,717	\$3,936	\$0	\$0	\$16,610	\$16,610	
	Trunkline Decommissioning Costs per Wellfield	\$23,990	\$27,067	\$17,831	\$60,466	\$162,208	\$40,557	\$135,319	\$91,881	\$8,511	\$0	\$0	\$26,492	\$26,492	
	Total Trunkline Decommissioning Costs	\$620,814													
IV.	Well Heads														
	Total Quantity	346	427	425	659	747	651	950	695	882	0	0	260	180	
	Average Well Head Volume (ft ³)	1.86	1.86	1.86	1.86	1.86	1.86	1.86	1.86	1.86	1.86	1.86	1.86	1.86	
A.	Removal														
	Total Volume (ft ³)	643.56	794.22	790.5	1225.74	1389.42	1210.86	1767	1292.7	1640.52	0	0	483.6	334.8	
	Demolition Unit Cost per WDEQ Guideline No. 12, App K (\$/ft ³)	\$0.249	\$0.249	\$0.249	\$0.249	\$0.249	\$0.249	\$0.249	\$0.249	\$0.249	\$0.249	\$0.249	\$0.249	\$0.249	
	Subtotal Well Head Demolition Costs	\$160	\$198	\$197	\$305	\$346	\$301	\$440	\$322	\$408	\$0	\$0	\$120	\$83	
B.	Survey and Decontamination														
	Cost per Well Head	6.69	6.69	6.69	6.69	6.69	6.69	6.69	6.69	6.69	6.69	6.69	6.69	6.69	
	Subtotal Survey and Decontamination Costs	\$2,314	\$2,855	\$2,842	\$4,406	\$4,995	\$4,353	\$6,352	\$4,647	\$5,898	\$0	\$0	\$1,739	\$1,204	
C.	Disposal at county landfill Facility														
	Total Volume (yd ³)	24	29	29	45	51	45	65	48	61	0	0	18	12	

Cameco Resources
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Wellfield Buildings and Equipment Removal and Disposal		Mine Unit-1	Mine Unit-2	Mine Unit-3/3 Ext	Mine Unit-4/4A/4Ext	Mine Unit-15	Mine Unit-15A	Mine Unit-K	Mine Unit-9	Mine Unit-10	Mine Unit-27	Mine Unit-21	Mine Unit-7	Mine Unit-8
Volume for Disposal Assuming 10% Void Space (yd ³)		26	32	32	50	57	49	72	53	67	0	0	20	14
Transportation and Disposal Unit Cost (\$/yd ³)		\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12
Subtotal county landfill Facility Disposal Costs		\$211	\$260	\$260	\$406	\$463	\$398	\$584	\$430	\$544	\$0	\$0	\$162	\$114
Well Head Removal and Disposal Costs per Wellfield		\$2,685	\$3,313	\$3,299	\$5,117	\$5,804	\$5,052	\$7,376	\$5,399	\$6,850	\$0	\$0	\$2,021	\$1,401
Total Well Head Removal and Disposal Costs		\$48,317												
V. Header Houses (includes Booster Stations)														
Booster Houses					1	6		3	1					
Total Quantity		6	5	10	12	19	9	19	14	9	0	0	3	3
Average Header House Volume (ft ³)		800	800	800	800	800	800	800	800	800	800	800	800	800
A. Removal														
Total Volume (ft ³)		4800	4000	8000	9600	15200	7200	15200	11200	7200	0	0	2400	2400
Demolition Unit Cost per WDEQ Guideline No.12, App.K (\$/ft ³)		\$0.230	\$0.230	\$0.230	\$0.230	\$0.230	\$0.230	\$0.230	\$0.230	\$0.230	\$0.230	\$0.230	\$0.230	\$0.230
Subtotal Building Demolition Costs		\$1,102	\$919	\$1,837	\$2,205	\$3,491	\$1,654	\$3,491	\$2,572	\$1,654	\$0	\$0	\$551	\$551
B. Survey and Decontamination														
Cost per Header House		\$579	\$579	\$579	\$579	\$579	\$579	\$579	\$579	\$579	\$579	\$579	\$579	\$579
Subtotal Survey and Decontamination Costs		\$3,474	\$2,895	\$5,790	\$6,948	\$11,001	\$5,211	\$11,001	\$8,106	\$5,211	\$0	\$0	\$1,737	\$1,737
C. Disposal														
Total Volume (cy)		178	148	296	356	563	267	563	415	267	0	0	89	89
Volume for Disposal Assuming 10% Void Space (cy)		196	163	326	391	619	293	619	456	293	0	0	98	98
Disposal Unit Cost per WDEQ Guideline No.12, App.K (\$/cy)		\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12
Subtotal Off-Site County Landfill Disposal Costs		\$1,591	\$1,323	\$2,646	\$3,173	\$5,023	\$2,378	\$5,023	\$3,701	\$2,378	\$0	\$0	\$795	\$795
Headerhouse Soil Removal Volume ft ³ (assumes 10'Wx20'Lx2.5'D)		500	500	500	500	500	500	500	500	500	500	500	500	500
Disposal Unit Cost (\$/ft ³)		\$10.44	\$10.44	\$10.44	\$10.44	\$10.44	\$10.44	\$10.44	\$10.44	\$10.44	\$10.44	\$10.44	\$10.44	\$10.44
Subtotal 11e.(2) Disposal Costs		\$31,313	\$26,094	\$52,189	\$62,627	\$99,159	\$46,970	\$99,159	\$73,064	\$46,970	\$0	\$0	\$15,657	\$15,657
Header House Removal and Disposal Costs per Wellfield		\$37,480	\$31,231	\$62,462	\$74,953	\$118,674	\$56,213	\$118,674	\$87,443	\$56,213	\$0	\$0	\$18,740	\$18,740
Total Header House Removal and Disposal Costs		\$680,823												
TOTAL REMOVAL AND DISPOSAL COSTS PER WELLFIELD		\$223,624	\$200,125	\$350,278	\$439,010	\$631,768	\$343,369	\$697,480	\$537,162	\$322,925	\$0	\$0	\$129,706	\$125,883
VI. Vehicle Operation Costs														
Number of Pickup Trucks/Pulling Units (Gas)		10												
Unit Cost in \$/hr (UC-Equipment Costs)		\$18.08												
Average Operating Time (Hrs/Year)		1,000												
Total Number of Years (Average)		11												
Total Vehicle Operation Costs		\$1,988,800												
VII. Header Houses (includes Booster Stations)														
Years of Active Restoration		2	18	18	22	6	8	4	6	6	0	0	2	0
Heating Cost per Year per header house		\$2,581	\$2,581	\$2,581	\$2,581	\$2,581	\$2,581	\$2,581	\$2,581	\$2,581	\$2,581	\$2,581	\$2,581	\$2,581
Heating Costs per year		\$30,974.40	\$236,610.00	\$468,918.00	\$681,436.80	\$310,604.40	\$185,846.40	\$179,823.60	\$213,809.40	\$137,448.90	\$0.00	\$0.00	\$17,423.10	\$0.00
Total Header Heating cost		\$2,462,895												
TOTAL WELLFIELD BUILDINGS AND EQUIPMENT REMOVAL		\$8,453,025												

Camco Resources
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Wellfield and Satellite Surface Reclamation		Mine Unit-1	Mine Unit-2	Mine Unit-3	Mine Unit-3 2nd Comp.	Mine Unit-4	Mine Unit-4A	Mine Unit-15	Mine Unit-15A	Mine Unit-K	Mine Unit-9	Mine Unit-10	Mine Unit-17	Mine Unit-21	Mine Unit-7	Mine Unit-8
I. Wellfield Pattern Area, and Road Reclamation																
Area (acres)		29.3	60.0	47.3	17.0	71.9	35.0	67.4	75.6	89.4	66.3	81.9			28.9	28.9
Disking/Seeding Unit Cost (\$/acre)		\$606	\$606	\$606	\$606	\$606	\$606	\$606	\$606	\$606	\$606	\$606	\$606	\$606	\$606	\$606
Subtotal Pattern Area and Road Reclamation Costs		\$17,740	\$36,359	\$28,660	\$10,308	\$43,625	\$21,223	\$40,891	\$15,529	\$54,224	\$40,330	\$49,653	\$0	\$0	\$17,536	\$17,536
Total Wellfield Area Reclamation Costs		\$376,078														
II. Laydown area reclamation																
Area of Disturbance (acres)		1	1	1	1	1	1	1	1	2	1	1				
Average Depth of Stripped Topsoil (ft)		0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67
Surface Grade: Level Ground																
Average Length of Topsoil Haul (ft)		500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
A. Ripping Overburden with Dozer																
Ripping Unit Cost per WDEQ Guideline No.12, App.11 (\$/acre)		\$903	\$903	\$903	\$903	\$903	\$903	\$903	\$903	\$903	\$903	\$903	\$903	\$903	\$903	\$903
Subtotal Ripping Costs		\$903	\$903	\$903	\$903	\$903	\$903	\$903	\$903	\$1,354	\$903	\$903	\$0	\$0	\$0	\$0
B. Topsoil Application with Scraper																
Volume of Topsoil Removed (cy)		1,081	1,081	1,081	1,081	1,081	1,081	1,081	1,081	1,621	1,081	1,081	0	0	0	0
Application Unit Cost per WDEQ Guideline No.12, App.C (\$/cy)		\$0.85	\$0.85	\$0.85	\$0.85	\$0.85	\$0.85	\$0.85	\$0.85	\$0.85	\$0.85	\$0.85	\$0.85	\$0.85	\$0.85	\$0.85
Subtotal Topsoil Application Costs		\$921	\$921	\$921	\$921	\$921	\$921	\$921	\$921	\$1,381	\$921	\$921	\$0	\$0	\$0	\$0
C. Disking and Seeding																
Disking/Seeding Unit Cost (\$/acre)		\$606	\$606	\$606	\$606	\$606	\$606	\$606	\$606	\$606	\$606	\$606	\$606	\$606	\$606	\$606
Subtotal Disking/Seeding Costs		\$606	\$606	\$606	\$606	\$606	\$606	\$606	\$606	\$910	\$606	\$606	\$0	\$0	\$0	\$0
Subtotal Surface Reclamation Costs per WF laydown area		\$2,430	\$2,430	\$2,430	\$2,430	\$2,430	\$2,430	\$2,430	\$2,430	\$3,645	\$2,430	\$2,430	\$0	\$0	\$0	\$0
Total Wellfield Laydown Area Reclamation Costs		\$27,945														
SUBTOTAL SURFACE RECLAMATION COSTS PER WELLFIELD		\$20,170	\$38,789	\$31,090	\$12,738	\$46,055	\$23,653	\$43,321	\$17,959	\$57,869	\$42,760	\$52,083	\$0	\$0	\$17,536	\$17,536
III. Satellite & DDW Area Reclamation		SR-1	SR-2	Reynolds Ranch	SRHUP #1 DDW	SRHUP #2 DDW	SRHUP #6 DDW	SRHUP #10 DDW	SRHUP #7 DDW	SRHUP #8 DDW						
Assumptions:																
Area of Disturbance (acres)		2.05	3		1	2	2	2	2	2						
Average Depth of Stripped Topsoil (ft)		1	1	1	1	1	1	1	1	1						
Surface Grade: Level Ground																
Average Length of Topsoil Haul (ft)		1000	500	500	500	500	400	400	400	400						
A. Ripping Overburden with Dozer																
Ripping Unit Cost per WDEQ Guideline No.12, App.11 (\$/acre)		\$902.70	\$902.70	\$902.70	\$902.70	\$902.70	\$902.70	\$902.70	\$902.70	\$902.70						
Subtotal Ripping Costs		\$1,851	\$2,708	\$0	\$903	\$1,805	\$1,805	\$1,805	\$1,805	\$1,805						
B. Topsoil Application with Scraper																
Volume of Topsoil Removed (cy)		3307	4840	0	1613	3227	3227	3227	3227	3227						
Application Unit Cost per WDEQ Guideline No.12, App.C (\$/cy)		\$1.02	\$1.02	\$1.02	\$1.02	\$1.02	\$1.02	\$1.02	\$1.02	\$1.02						
Subtotal Topsoil Application Costs		\$3,367	\$4,927	\$0	\$1,642	\$3,285	\$3,285	\$3,285	\$3,285	\$3,285						
C. Disking and Seeding																
Disking/Seeding Unit Cost (\$/acre)		\$606	\$606	\$606	\$606	\$606	\$606	\$606	\$606	\$606						
Subtotal Disking/Seeding Costs		\$1,243	\$1,819	\$0	\$606	\$1,213	\$1,213	\$1,213	\$1,213	\$1,213						
Subtotal Surface Reclamation Costs per Location		\$6,461	\$9,454	\$0	\$3,151	\$6,303	\$6,303	\$6,303	\$6,303	\$6,303						
Total Satellite Building Area Reclamation Costs		\$60,581														
Total		\$453,694														

Cameco Resources
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Equipment Removal and Loading		CPP Ion Ex. Plant	Central Plant	Dryer Building	Satellite SR-1	Pilot ISL	Water Pumphouse	Bone Yard	Satellite SR-2	Sat. Reynolds
I. Removal and Loading Costs										
A. Tankage										
	Number of Tanks	13	52	0	12	15	3	30	10	
	Volume of Tank Construction Material (ft ³)	835	1340	300	397	260	164	1648	397	
1.	Labor									
	Number of Persons	3	3	3	3	3	3	3	3	3
	Ft/Day	25	25	25	25	25	25	25	25	25
	Number of Days	33	54	12	16	10	7	66	16	0
	\$/Day/Person	\$180	\$180	\$180	\$180	\$180	\$180	\$180	\$180	\$180
	Subtotal Labor Costs	\$18,025	\$28,912	\$6,473	\$8,630	\$5,610	\$3,538	\$35,557	\$8,630	\$0
2.	Equipment									
	Number of Days	33	54	12	16	10	7	66	16	0
	\$/Day	\$1,389	\$1,389	\$1,389	\$1,389	\$1,389	\$1,389	\$1,389	\$1,389	\$1,389
	Subtotal Equipment Costs	\$46,428	\$74,471	\$16,673	\$22,230	\$14,450	\$9,114	\$91,588	\$22,230	\$0
	Subtotal Tankage Removal and Loading Costs	\$64,453	\$103,383	\$23,146	\$30,860	\$20,060	\$12,652	\$127,145	\$30,860	\$0
B. PVC/Steel Pipe										
	PVC Pipe Footage	2800	5000	0	4000	1500	0	0	4000	
	Average PVC Pipe Diameter (inches)	3	3	3	3	3	3	0	3	3
	Shredded PVC Pipe Volume Reduction (ft ³ /ft)	0.023	0.023	0.023	0.023	0.023	0.023	0.000	0.023	0.023
	Volume of Shredded PVC Pipe (ft ³)	65	116	0	93	35	0	0	93	0
	Steel Pipe Footage	1100	0	0	0	0	80	0	0	0
	Average Steel Pipe Diameter (inches)	6	0	0	0	0	8	0	0	0
	Volume (ft ³)	216	0	0	0	0	30	0	0	0
	Labor									
	Number of Persons	2	2	2	2	2	2	2	2	2
	Ft/Day	300	300	300	300	300	300	300	300	300
	Number of Days	13	17	0	13	5	0	0	13	0
	\$/Day/Person	\$180	\$180	\$180	\$180	\$180	\$180	\$180	\$180	\$180
	Subtotal PVC/Steel Pipe Labor Costs	\$4,675	\$5,993	\$0	\$4,795	\$1,798	\$96	\$0	\$4,675	\$0
	Subtotal PVC/Steel Pipe Removal and Loading Costs	\$4,675	\$5,993	\$0	\$4,795	\$1,798	\$96	\$0	\$4,675	\$0
C. Pumps										
	Number of Pumps	21	43	0	13	12	2	0	13	
	Average Volume (ft ³ /pump)	4.93	4.93	0	4.93	4.93	4.93	4.93	4.93	4.93
	Volume of Pumps (ft ³)	103.53	211.99	0	64.09	59.16	9.86	0	64.09	0
1.	Labor & Equipment									
	Number of Persons	2	2	2	2	2	2	0	1	1
	Pumps/Day	2	2	2	2	2	2	2	2	2
	Number of Days	10.5	21.5	0	6.5	6	1	0	7	0
	\$/Day/Person	\$181	\$263	\$263	\$263	\$263	\$263	\$263	\$263	\$263
	\$/Day/Equipment	\$0	\$314	\$314	\$314	\$314	\$314	\$314	\$314	\$314
	Subtotal Labor & Equipment Costs	\$3,809	\$18,069	\$0	\$5,463	\$5,042	\$840	\$0	\$4,042	\$0
D. Dryer										
	Dryer Volume (ft ³)			200						
1.	Labor									
	Number of Persons	0	0	5	0	0	0	0	0	0
	Ft/Day	0	0	175	0	0	0	0	0	0
	Number of Days	0	0	2	0	0	0	0	0	0
	\$/Day/Person	\$180	\$180	\$180	\$180	\$180	\$180	\$180	\$180	\$180
	Total Labor Cost	\$0	\$0	\$1,798	\$0	\$0	\$0	\$0	\$0	\$0
	Subtotal Dryer Dismantling and Loading Cost	\$0	\$0	\$1,798	\$0	\$0	\$0	\$0	\$0	\$0
E. RO Units										

Cameco Resources
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Equipment Removal and Loading		CPP Ion Ex. Plant	Central Plant	Dryer Building	Satellite SR-1	Pilot ISL	Water Pumphouse	Bone Yard	Satellite SR-2	Sat. Reynolds
Number of RO Units										
Current		0	2	0	2	0	0	0	0	0
Planned		0	0	0	1	0	0	0	2	0
Average Volume (gpm/RO Unit)		250	250	250	250	250	250	250	250	250
Labor										
Number of Persons		2	2	2	2	2	2	2	2	2
Number of Days		0	0	0	1	1	0	0	0	0
\$/Day/Person		\$179.80	\$179.80	\$179.80	\$179.80	\$179.80	\$179.80	\$179.80	\$179.80	\$179.80
Subtotal RO Unit Removal and Loading Costs		\$0.00	\$0.00	\$0.00	\$359.60	\$359.60	\$0.00	\$0.00	\$0.00	\$0.00
Subtotal Equipment Removal and Loading Costs per Facility		\$72,937	\$127,445	\$24,944	\$41,478	\$27,260	\$13,588	\$127,145	\$39,577	\$0
Total Equipment Removal and Loading Costs		\$474,373								
II. Transportation and Disposal Costs (NRC-Licensed Facility)										
A. Tankage										
Volume of Tank Construction Material (ft ³)		835	1340	300	397	260	164	1648	397	0
Volume for Disposal Assuming 10% Void Space (ft ³)		919	1474	330	436	286	180	1813	436	0
Transportation and Disposal Unit Cost (\$/ft ³)		\$10.44	\$10.44	\$10.44	\$10.44	\$10.44	\$10.44	\$10.44	\$10.44	\$10.44
Subtotal Tankage Transportation and Disposal Costs		\$9,592	\$15,385	\$3,444	\$4,551	\$2,985	\$1,879	\$18,924	\$4,551	\$0
B. PVC / Steel Pipe										
Volume of Shredded PVC Pipe (ft ³)		65.2	116.4	0.0	93.1	34.9	0.0	0.0	93.1	0.0
Volume for Disposal Assuming 10% Void Space (ft ³)		72	128	0	102	38	0	0	102	0
Volume of Steel Pipe (ft ³)		296	0	0	0	0	30	30	0	0
Volume for Disposal Assuming 10% Void Space (ft ³)		326	0	0	0	0	33	33	0	0
Transportation and Disposal Unit Cost (\$/ft ³)		\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06
Subtotal PVC Pipe Transportation and Disposal Costs		\$2,410	\$775	\$0	\$618	\$230	\$200	\$200	\$618	\$0
C. Pumps										
Volume of Pumps (ft ³)		103.53	211.99	0	64	59	9.86	0	64	0
Volume for Disposal Assuming 10% Void Space (ft ³)		114	233	0	70	65	11	0	70	0
Transportation and Disposal Unit Cost (\$/ft ³)		\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06
Subtotal Pump Transportation and Disposal Costs		\$690	\$1,411	\$0	\$424	\$394	\$67	\$0	\$424	\$0
D. Dryer										
Dryer Volume (ft ³)		0	0	400	0	0	0	0	0	0
Volume for Disposal Assuming Dryer Remains Intact (ft ³)		0	0	400	0	0	0	0	0	0
Transportation and Disposal Unit Cost (\$/ft ³)		\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06
Total Dryer Transportation and Disposal Costs		\$0	\$0	\$2,422	\$0	\$0	\$0	\$0	\$0	\$0
E. RO Units										
Volume of RO Units (ft ³)		0	500	0	750	0	0	0	500	0
Volume for Disposal Assuming 50% Volume Reduction (ft ³)		0	250	0	375	0	0	0	250	0
Transportation and Disposal Unit Costs		\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06
Subtotal RO Unit Transportation and Disposal Costs		\$0	\$1,514	\$0	\$2,271	\$0	\$0	\$0	\$1,514	\$0
Subtotal Equipment Transportation and Disposal Costs per Facility		\$12,692	\$19,085	\$5,866	\$7,864	\$3,609	\$2,146	\$19,124	\$7,107	\$0
Total Equipment Transportation and Disposal Costs		\$77,493								
III. Health and Safety Costs										
Radiation Safety Equipment		Accounted for on GW REST								
Total Health and Safety Costs										
SUBTOTAL EQUIPMENT REMOVAL AND DISPOSAL COSTS PER FACILITY		\$85,629	\$146,530	\$30,810	\$49,341	\$30,869	\$15,734	\$146,269	\$46,684	\$0
TOTAL EQUIPMENT REMOVAL AND DISPOSAL COSTS		\$551,866								

Cameco Resources
Smith Ranch Uranium Project
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	CPP Ion Ex. Plant	Central Plant	Dryer Building	Office Building	Storage Building	Water Treat Plant	Shop Building	Pilot ISL Building	Fresh Water Pumphouse	DDW 1 Buildings 15x30	DDW 10 Buildings 20x24	DDW Reynolds Buildings 20x24	DDW WellHead Buildings 7 ca 8x8
Building Demolition and Disposal													
I. Decontamination Costs													
A. Wall Decontamination													
Area to be Decontaminated (ft ²)	10,810	15,900	9,600	0	1,152	576	4,826	12,000	0	720	704	0	0
HCl Acid Wash, including labor (\$/ft ²)	\$0.78	\$0.78	\$0.78	\$0.78	\$0.78	\$0.78	\$0.78	\$0.78	\$0.78	\$0.78	\$0.78	\$0.78	\$0.78
Subtotal Wall Decontamination Costs	\$8,409	\$12,368	\$7,468	\$0	\$896	\$448	\$3,754	\$9,335	\$0	\$560	\$548	\$0	\$0
B. Concrete Floor Decontamination													
Area to be Decontaminated (ft ²)	11,550	16,820	3,500	0	1,678	839	7,028	17,477	0	390	392	0	0
HCl Acid Wash, including labor (\$/ft ²)	\$0.51	\$0.51	\$0.51	\$0.51	\$0.51	\$0.51	\$0.51	\$0.51	\$0.51	\$0.51	\$0.51	\$0.51	\$0.51
Subtotal Concrete Floor Decontamination Costs	\$5,922	\$8,624	\$1,794	\$0	\$860	\$430	\$3,603	\$8,960	\$0	\$200	\$201	\$0	\$0
C. Deep Well Injection Costs													
Total Gals for Injection (1 gal used per ft ²)	22.36	32.72	13.1	0	2.83	1.415	11.854	29.477	0	1.11	1.096	0	0
Deep Well Injection Unit Cost (\$/K-gals)	\$0.66	\$0.66	\$0.66	\$0.66	\$0.66	\$0.66	\$0.66	\$0.66	\$0.66	\$0.66	\$0.66	\$0.66	\$0.66
Subtotal Deep Well Injection Costs	\$15	\$22	\$9	\$0	\$2	\$1	\$8	\$20	\$0	\$1	\$1	\$0	\$0
Subtotal Decontamination Costs per Building	\$14,346	\$21,014	\$9,271	\$0	\$1,758	\$879	\$7,365	\$18,315	\$0	\$761	\$750	\$0	\$0
Total Decontamination Costs	\$87,524												
II. Demolition Costs													
A. Building													
Volume of Building (ft ³)	346,500	588,700	122,500	120,000	16,780	8,390	175,700	314,586	8,320	3120	4800		4480
Demolition Unit Cost per WDEQ Guideline No.12, App.K (\$/ft ³)	\$0.25	\$0.25	\$0.25	\$0.25	\$0.25	\$0.25	\$0.25	\$0.25	\$0.25	\$0.25	\$0.25	\$0.25	\$0.25
Subtotal Building Demolition Costs	\$86,216	\$146,480	\$30,480	\$29,850	\$4,175	\$2,088	\$43,718	\$78,275	\$2,070	\$776	\$1,194	\$0	\$1,115
B. Concrete Floor													
Area of Concrete Floor (ft ²)	11,550	16,820	3,500	8000	1678	839	7028	17,477	832	390	392	0	0
Demolition Unit Cost per WDEQ Guideline No.12, App.K (\$/ft ²)	\$5.05	\$5.05	\$5.05	\$5.05	\$5.05	\$5.05	\$5.05	\$5.05	\$5.05	\$5.05	\$5.05	\$5.05	\$5.05
Subtotal Concrete Floor Demolition Costs	\$58,362	\$84,991	\$17,685	\$40,424	\$8,479	\$4,239	\$35,512	\$88,311	\$4,204	\$1,971	\$1,981	\$0	\$0
C. Concrete Footing													
Length of Concrete Footing (ft)	430	519	237	360	164	116	335	529	115	90	88		160
Demolition Unit Cost per WDEQ Guideline No.12, App.K (\$/ft)	\$18.14	\$18.14	\$18.14	\$18.14	\$18.14	\$18.14	\$18.14	\$18.14	\$18.14	\$18.14	\$18.14	\$18.14	\$18.14
Subtotal Concrete Footing Demolition Costs	\$7,796	\$9,408	\$4,292	\$6,529	\$2,972	\$2,101	\$6,081	\$9,590	\$2,086	\$1,632	\$1,596	\$0	\$2,902
Subtotal Demolition Costs per Building	\$152,374	\$240,879	\$52,457	\$76,811	\$15,626	\$8,428	\$85,311	\$176,176	\$8,360	\$4,379	\$4,771	\$0	\$4,017
Total Demolition Costs	\$1,350,138												
III. Disposal Costs													
A. Building													
Volume of Building (cy)	12833	21804	4537	4444	621	311	6507	11651	308	116	178	0	166
Off-site County Facility													
Percentage (%)	100	100	100	100	100	100	100	100	100	100	100	100	100
Volume for Disposal (cubic yards)	12833	21804	4537	4444	621	311	6507	11651	308	116	178	0	166
Disposal Unit Cost (\$/cy)	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12
Subtotal county facility off-site Disposal Costs	\$104,147	\$176,945	\$36,820	\$36,068	\$5,044	\$2,522	\$52,810	\$94,555	\$2,501	\$938	\$1,443	\$0	\$1,347
B. Concrete Floor													
Area of Concrete Floor (ft ²)	11550	16820	3500	8000	1678	839	7028	17477	1186	390	392	0	0
Average Thickness of Concrete Floor (ft)	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Volume of Concrete Floor (ft ³)	8662.5	12615	2625	6000	1258.5	629.25	5271	13107.75	889.5	292.5	294	0	0
Volume of Concrete Floor (cy)	321	467	97	222	47	23	195	485	33	11	11	0	0
1. Off-site County disposal													
Percentage (%)	75	75	75	100	100	100	100	75	100	75	75	75	100
Volume for Disposal (cy)	241	350	73	222	47	23	195	364	33	8	8	0	0
Disposal Unit Cost per WDEQ Guideline No.12, App.K (\$/cy)	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12
Subtotal county facility off-site Disposal Costs	\$1,953	\$2,844	\$592	\$1,803	\$378	\$189	\$1,584	\$2,955	\$267	\$66	\$66	\$0	\$0
2. NRC-Licensed Facility													
Percentage (%)	25	25	25	0	0	0	0	25	0	25	25	25	0
Volume for Disposal (ft ³)	2166	3154	656	0	0	0	0	3277	0	73	74	0	0
Transportation and Disposal Unit Cost (\$/ft ³)	\$10.44	\$10.44	\$10.44	\$10.44	\$10.44	\$10.44	\$10.44	\$10.44	\$10.44	\$10.44	\$10.44	\$10.44	\$10.44
Subtotal NRC-Licensed Facility Disposal Costs	\$22,604	\$32,918	\$6,850	\$0	\$0	\$0	\$0	\$34,204	\$0	\$763	\$767	\$0	\$0
Subtotal Concrete Floor Disposal Costs	\$24,557	\$35,762	\$7,442	\$1,803	\$378	\$189	\$1,584	\$37,159	\$267	\$829	\$833	\$0	\$0
C. Concrete Footing													
Length of Concrete Footing (ft)	430	519	237	360	164	116	335	529	124	90	88	0	160
Average Depth of Concrete Footing (ft)	4	4	4	4	4	4	4	4	4	4	4	4	4
Average Width of Concrete Footing (ft)	1	1	1	1	1	1	1	1	1	1	1	1	1
Volume of Concrete Footing (ft ³)	1720	2075	947	1440	655	463	1341	2115	496	360	352	0	640
Volume of Concrete Footing (cy)	64	77	35	53	24	17	50	78	18	13	13	0	24
Disposal Unit Cost per WDEQ Guideline No.12, App.K (\$/cy)	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12
Subtotal Concrete Footing Disposal Costs	\$517	\$624	\$285	\$433	\$197	\$139	\$403	\$636	\$149	\$108	\$106	\$0	\$192
Subtotal Disposal Costs per Building	\$129,221	\$213,331	\$44,547	\$38,304	\$5,619	\$2,850	\$54,797	\$132,350	\$2,917	\$1,875	\$2,382	\$0	\$1,539
Total Disposal Costs	\$1,035,082												
IV. Health and Safety Costs													
Accounted for on GW REST													
SUBTOTAL BUILDING DEMOLITION AND DISPOSAL COSTS	\$295,941	\$475,224	\$106,275	\$115,115	\$23,003	\$12,157	\$147,473	\$326,841	\$11,277	\$7,015	\$7,903	\$0	\$5,556

Cameco Resources
Smith Ranch Uranium Project
2011-12 Surety Estimate

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Camco Resources
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2011-12 Surety Estimate

		Satellite SR-1 160X120	Yellowcake Warehouse	Satellite SR-2 160X120	Satellite Reynolds 160X120	Construction Shop 50X80	CPP Lab Addition 25X40	DDW 7 Buildings 20x24	DDW 8 Buildings 20x24
Building Demolition and Disposal									
I. Decontamination Costs									
A.	Wall Decontamination								
	Area to be Decontaminated (ft ²)	0	3100	0	0	0	1300	704	0
	HCl Acid Wash, including labor (\$/ft ²)	\$0.78	\$0.78	\$0.78	\$0.78	\$0.78	\$0.78	\$0.78	\$0.78
	Subtotal Wall Decontamination Costs	\$0	\$2,411	\$0	\$0	\$0	\$1,011	\$548	\$0
B.	Concrete Floor Decontamination								
	Area to be Decontaminated (ft ²)	9000	2750	9000	0	0	1000	392	0
	HCl Acid Wash, including labor (\$/ft ²)	\$0.51	\$0.51	\$0.51	\$0.51	\$0.51	\$0.51	\$0.51	\$0.51
	Subtotal Concrete Floor Decontamination Costs	\$4,614	\$1,410	\$4,614	\$0	\$0	\$513	\$201	\$0
C.	Deep Well Injection Costs								
	Total Kgals for Injection (1 gal used per ft ²)	9	5.85	9	0	0	2.3	1.096	0
	Deep Well Injection Unit Cost (\$/Kgals)	\$0.66	\$0.66	\$0.66	\$0.66	\$0.66	\$0.66	\$0.66	\$0.66
	Subtotal Deep Well Injection Costs	\$6	\$4	\$6	\$0	\$0	\$2	\$1	\$0
	Subtotal Decontamination Costs per Building	\$4,620	\$3,825	\$4,620	\$0	\$0	\$1,526	\$750	\$0
	Total Decontamination Costs								
II. Demolition Costs									
A.	Building								
	Volume of Building (ft ³)	445,440	55,000	447,360		80,000	25,000	4800	0
	Demolition Unit Cost per WDEQ Guideline No.12, App.K (\$/ft ³)	\$0.25	\$0.25	\$0.25	\$0.25	\$0.25	\$0.25	\$0.25	\$0.25
	Subtotal Building Demolition Costs	\$110,834	\$13,685	\$111,312	\$0	\$19,906	\$6,221	\$1,194	\$0
B.	Concrete Floor								
	Area of Concrete Floor (ft ²)	18560	2750	18640		4000	1000	392	0
	Demolition Unit Cost per WDEQ Guideline No.12, App.K (\$/ft ²)	\$5.05	\$5.05	\$5.05	\$5.05	\$5.05	\$5.05	\$5.05	\$5.05
	Subtotal Concrete Floor Demolition Costs	\$93,783	\$13,896	\$94,187	\$0	\$20,212	\$5,053	\$1,981	\$0
C.	Concrete Footing								
	Length of Concrete Footing (ft)	640	210	560		260	65	88	0
	Demolition Unit Cost per WDEQ Guideline No.12, App.K (\$/ft)	\$18.14	\$18.14	\$18.14	\$18.14	\$18.14	\$18.14	\$18.14	\$18.14
	Subtotal Concrete Footing Demolition Costs	\$11,606	\$3,804	\$10,156	\$0	\$4,715	\$1,179	\$1,596	\$0
	Subtotal Demolition Costs per Building	\$216,223	\$31,385	\$215,655	\$0	\$44,833	\$12,453	\$4,771	\$0
	Total Demolition Costs								
III. Disposal Costs									
A.	Building								
	Volume of Building (cy)	16498	2037	16569	0	2963	926	178	0
	Off-site County Facility								
	Percentage (%)	100	100	100	100	100	100	100	100
	Volume for Disposal (cubic yards)	16498	2037	16569	0	2963	926	178	0
	Disposal Unit Cost (\$/cy)	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12
	Subtotal county facility off-Site Disposal Costs	\$133,885	\$16,531	\$134,462	\$0	\$24,046	\$7,514	\$1,443	\$0
B.	Concrete Floor								
	Area of Concrete Floor (ft ²)	18560	2750	18640	0	4000	1000	392	0
	Average Thickness of Concrete Floor (ft)	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
	Volume of Concrete Floor (ft ³)	13920	2062.5	13980	0	3000	750	294	0
	Volume of Concrete Floor (cy)	516	76	518	0	111	28	11	0
1.	Off-site County disposal								
	Percentage (%)	75	75	75	75	100	90	75	75
	Volume for Disposal (cy)	387	57	388	0	111	25	8	0
	Disposal Unit Cost per WDEQ Guideline No.12, App.K (\$/cy)	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12
	Subtotal county facility off-Site Disposal Costs	\$3,138	\$465	\$3,151	\$0	\$902	\$203	\$66	\$0
2.	NRC-Licensed Facility								
	Percentage (%)	25	25	25	25	0	10	25	25
	Volume for Disposal (ft ³)	3480	516	3495	0	0	75	74	0
	Transportation and Disposal Unit Cost (\$/ft ³)	\$10.44	\$10.44	\$10.44	\$10.44	\$10.44	\$10.44	\$10.44	\$10.44
	Subtotal NRC-Licensed Facility Disposal Costs	\$36,323	\$5,382	\$36,480	\$0	\$0	\$783	\$767	\$0
	Subtotal Concrete Floor Disposal Costs	\$39,461	\$5,847	\$39,631	\$0	\$902	\$986	\$833	\$0
C.	Concrete Footing								
	Length of Concrete Footing (ft)	640	210	560	0	260	65	88	0
	Average Depth of Concrete Footing (ft)	4	4	4	4	4	4	4	4
	Average Width of Concrete Footing (ft)	1	1	1	1	1	1	1	1
	Volume of Concrete Footing (ft ³)	2560	839	2240	0	1040	260	352	0
	Volume of Concrete Footing (cy)	95	31	83	0	39	10	13	0
	Disposal Unit Cost per WDEQ Guideline No.12, App.K (\$/cy)	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12	\$8.12
	Subtotal Concrete Footing Disposal Costs	\$769	\$252	\$673	\$0	\$313	\$78	\$106	\$0
	Subtotal Disposal Costs per Building	\$174,115	\$22,630	\$174,766	\$0	\$25,261	\$8,578	\$2,382	\$0
	Total Disposal Costs								
IV. Health and Safety Costs									
	Accounted for on GW REST								
SUBTOTAL BUILDING DEMOLITION AND DISPOSAL COSTS		\$394,958	\$57,840	\$395,041	\$0	\$70,094	\$22,557	\$7,903	\$0

Cameco Resources
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	Satellite SR-1 160X120	Yellowcake Warehouse	Satellite SR-2 160X120	Satellite Reynolds 160X120	Construction Shop 50X80	CPP Lab Addition 25X40	DDW 7 Buildings 20x24	DDW 8 Buildings 20x24
Building Demolition and Disposal								
TOTAL BUILDING DEMOLITION AND DISPOSAL COSTS								
Building Utility Costs								
Number of years of operation required for restoration/reclamation	9	0	9		0	11	11	0
SUBTOTAL BUILDING ELECTRICAL COSTS (UC-Electrical Power)	\$502,479.88		\$502,479.88	\$0.00		In CPP cost	\$37,522.31	\$0.00
TOTAL BUILDING ELECTRICITY COSTS								
SUBTOTAL PROPANE AND NATURAL GAS COSTS	\$ 442,319		\$ 1,245,047			In CPP cost		
TOTAL PROPANE AND NATURAL GAS COSTS								
TOTAL UTILITY COSTS								

Cameco Resources
Smith Ranch Uranium Project
2011-12 Surety Estimate

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Camco Resources
Smith Ranch Uranium Project
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Miscellaneous Reclamation											
Multiplier for Projected Additions											
Subtotal Reclamation Costs per Access Road											
Total Access Road Reclamation Costs											
III.	Trunk Lines										
		Trunk Line #1 (CPP to MU-4)	Trunk Line #2 (CPP to SR-1)	Trunk Line #3 (MU-15 to SR-1) Included in MU 15 WF REC	Trunk Line #4 (O-Sand Pilot)	Trunk Line (SR-2 to CPP)	WF 4 to CPP - projected	Waste Transfer SR2 to MU-15	Waste Transfer SR2 to SRHUP 8	Waste Transfer SR1 to SRHUP 7	Waste Transfer CPP to Sat #3
	Length of Trench (ft)	7750	8500	0	5500	2500	10000	12000	10000	7000	9700
	A. Removal and Loading										
	Main Pipeline Removal Unit Cost (\$/ft of trench)	\$1.83	\$1.83	\$1.83	\$1.83	\$1.83	\$1.83	\$1.83	\$1.83	\$1.83	\$1.83
	Subtotal Trunkline Removal and Loading Costs	\$14,183	\$15,555	\$0	\$10,065	\$4,575	\$18,300	\$21,960	\$18,300	\$12,810	\$17,751
	B. Transport and Disposal Costs (NRC-Licensed Facility)										
	1. 12" HDPE Trunkline										
	Piping Length (ft)	7750	8500		22000	0	0	0	0	0	0
	Chipped Volume Reduction (ft ³ /ft)	0.0107	0.0107	0.0107	0.0107	0.0107	0.0107	0.0107	0.0107	0.0107	0.0107
	Chipped Volume (ft ³)	83	91	0	236	0	0	0	0	0	0
	1. 4" HDPE Trunkline										
	Piping Length (ft)	0	0	0	0	15000	10000	12000	10000	7000	9700
	Chipped Volume Reduction (ft ³ /ft)	0.0385	0.0385	0.0385	0.0385	0.0385	0.0385	0.0385	0.0385	0.0385	0.0385
	Chipped Volume (ft ³)	0	0	0	0	577	385	462	385	269	373
	2. 6" HDPE Trunkline										
	Piping Length (ft)	7750	17000		0	0	0	0	0	0	0
	Chipped Volume Reduction (ft ³ /ft)	0.0834	0.0834	0.0834	0.0834	0.0834	0.0834	0.0834	0.0834	0.0834	0.0834
	Chipped Volume (ft ³)	646	1,418	0	0	0	0	0	0	0	0
	3. 8" HDPE Trunkline										
	Piping Length (ft)	0	0	0	0	0	0	0	0	0	0
	Chipped Volume Reduction (ft ³ /ft)	0.1413	0.1413	0.1413	0.1413	0.1413	0.1413	0.1413	0.1413	0.1413	0.1413
	Chipped Volume (ft ³)	0	0	0	0	0	0	0	0	0	0
	3. 10" HDPE Trunkline										
	Piping Length (ft)	0	0	0	0	0	0	0	0	0	0
	Chipped Volume Reduction (ft ³ /ft)	0.2196	0.2196	0.2770	0.2770	0.2770	0.2770	0.2770	0.2770	0.2770	0.2770
	Chipped Volume (ft ³)	0	0	0	0	0	0	0	0	0	0
	4. 12" HDPE Trunkline										
	Piping Length (ft)	0	6000	0	0	0	0	0	0	0	0
	Chipped Volume Reduction (ft ³ /ft)	0.3088	0.3088	0.3088	0.3088	0.3088	0.3088	0.3088	0.3088	0.3088	0.3088
	Chipped Volume (ft ³)	0	1,853	0	0	0	0	0	0	0	0
	5. 14" HDPE Trunkline										
	Piping Length (ft)	0	0	0	0	0	0	0	0	0	0
	Chipped Volume Reduction (ft ³ /ft)	0.3723	0.3723	0.3723	0.3723	0.3723	0.3723	0.3723	0.3723	0.3723	0.3723
	Chipped Volume (ft ³)	0	0	0	0	0	0	0	0	0	0
	5. 16" HDPE Trunkline										
	Piping Length (ft)	15500	11000		15500	15500	0	0	0	0	0
	Chipped Volume Reduction (ft ³ /ft)	0.4864	0.4864	0.4864	0.4864	0.4864	0.4864	0.4864	0.4864	0.4864	0.4864
	Chipped Volume (ft ³)	7,539	5,350	0	7,539	7,539	0	0	0	0	0
	6. 18" HDPE Trunkline										
	Piping Length (ft)	0		0	0	2320	0	0	0	0	0
	Chipped Volume Reduction (ft ³ /ft)	0.6155	0.6155	0.6155	0.6155	0.6155	0.6155	0.6155	0.6155	0.6155	0.6155
	Chipped Volume (ft ³)	0	0	0	0	1,428	0	0	0	0	0
	Total Volume Chipped (ft ³)	8,268	8,712	0	7,775	9,544	385	462	385	269	373
	Volume for Disposal Assuming 10% Void Space (ft ³)	9,095	9,583	0	8,552	10,498	423	508	423	296	410
	Transportation and Disposal Unit Cost (NRC-Licensed Facility) (\$/ft ³)	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06	\$6.06
	Subtotal Transport and Disposal Costs	\$55,075	\$58,030	\$0	\$51,787	\$63,571	\$2,562	\$3,076	\$2,562	\$1,792	\$2,483
	C. Discing/Seeding										
	Width of Pipeline Trench (ft)	4	4	4	4	4	5	5	5	5	4
	Area of Pipeline Trench (acres)	0.7	0.8	0.0	0.5	1.1	1.1	1.4	1.1	0.8	0.9
	Discing/Seeding Unit Cost (\$/acre)	\$606	\$606	\$606	\$606	\$606	\$606	\$606	\$606	\$606	\$606
	Subtotal Discing/Seeding Costs	\$432	\$473	\$0	\$306	\$139	\$696	\$835	\$696	\$487	\$540
	Subtotal Reclamation Costs per Pipeline	\$69,690	\$74,058	\$0	\$62,158	\$68,285	\$21,558	\$25,871	\$21,558	\$15,089	\$20,774
	Total Pipeline Reclamation Costs	\$379,041									
IV.	Settling Basin/Storage Ponds Reclamation										
		Storage Ponds	Settling Pond								

Cameco Resources
Smith Ranch Uranium Project
2011-12 Surety Estimate

Miscellaneous Reclamation			
A.	Soil Sampling and Monitoring		
	Number of Soil Samples	15	15
	\$/Sample	\$337	\$337
	Subtotal Soil Sampling and Monitoring Costs	\$5,055	\$5,055
B.	Liner/Subsoil Removal and Disposal		
	Thickness of clay liner (ft)	1	0.5
	Thickness of contaminated subsoil (ft)	1	0.5
	Width of Pond (ft)	200	252
	Length of Pond (ft)	100	432
	Depth of Pond (ft)	10	20
	Surface area of pond (ft ²)	20000	108864
1.	Removal and Loading		
	Volume of Clay Liner (cy)	1481	0
	Clay Liner Removal and Loading Unit Cost (\$/cy)	\$3.91	\$3.91
	Subtotal Liner Removal and Loading Costs	\$5,795	\$0
2.	Transportation and Disposal		
	Volume of Clay Liner (ft ³)	1481	0
	Volume of Geotextile Liner (ft ³)	52	0
	Volume of Geotextile Liner @ 40% void (ft ³)	87	0
	Transportation and Disposal Unit Cost (\$/ft ³)	\$10.44	\$10.44
	Subtotal Liner Transportation and Disposal Costs	\$16,368	\$0
	Subtotal Liner Removal and Disposal Costs	\$22,163	\$0
C.	Grade and Contour		
	Volume of Embankment Material (CY)	7,407	80,640
	Average Grade (%)	0	0
	Distance (ft)	50	100
	Material Moving Unit Cost per WDEQ Guideline No.12, App.E (\$/cy)	\$0.092	\$0.161
	Subtotal Grade and Contour Costs	\$681	\$12,983
D.	Topsoil Application		
	Area of surface disturbance (ft ²)	20000	108899
	Average thickness of topsoil (ft)	1	1
	Average haul distance (ft)	1000	1000
	Surface grade (%)	0%	3%
	Volume of Topsoil (cy)	741	4,033
	Topsoil Unit Cost per WDEQ Guideline No.12, App.C (\$/cy)	\$1.02	\$1.02
	Subtotal Topsoil Application Costs	\$754	\$4,106
E.	Discing/Seeding		
	Area of surface disturbance (acres)	0.5	2.5
	Discing/Seeding Unit Cost (\$/acre)	\$606	\$606
	Subtotal Discing/Seeding Costs	\$303	\$1,516
	Subtotal Reclamation Costs	\$28,956	\$23,660
	Total Settling Basin/Ponds Reclamation Costs	\$52,617	
V.	Miscellaneous		
A.	Potable Water Wells		
	Total Depth (ft) (5- 5-inch Diameter Wells, @ 750 ft)	4,500	
	Well Abandonment Unit Cost (\$/ft)	\$0.00	
	Subtotal Potable Water Wells Abandonment Costs	\$0.00	
B.	Fuel Area		
	Concrete Floor		
	Area of Concrete Floor (ft ²)	375	
	Demolition Unit Cost per WDEQ Guideline No.12,App.K (\$/ft ²)	\$5.05	
	Subtotal Concrete Floor Demolition Costs	\$1,895	
	Concrete Footing		
	Length of Concrete Footing (ft)	77	
	Demolition Unit Cost per WDEQ Guide. No.12,App.K (\$/lin. ft)	\$18.14	
	Subtotal Concrete Footing Demolition Costs	\$1,405	
	Subtotal Fuel Area Costs	\$3,300	
C.	O ₂ Pad MU-15		
	Concrete Floor		
	Area of Concrete Floor (ft ²)	400	
	Demolition Unit Cost per WDEQ Guideline No.12,App.K (\$/ft ²)	\$5.05	
	Subtotal Concrete Floor Demolition Costs	\$2,021	
	Concrete Footing		
	Length of Concrete Footing (ft)	80	
	Demolition Unit Cost per WDEQ Guide. No.12,App.K (\$/lin. ft)	\$18.14	
	Subtotal Concrete Footing Demolition Costs	\$1,451	
	Subtotal O ₂ Pad MU-15 Costs	\$3,472	

Smith Ranch Uranium Project
2011-12 Surety Estimate

Miscellaneous Reclamation			
D	O ₂ Pad CPP		
	Concrete Floor		
	Area of Concrete Floor (ft ²)	400	
	Demolition Unit Cost per WDEQ Guideline No.12, App.K (\$/ft ²)	\$5.05	
	Subtotal Concrete Floor Demolition Costs	\$2,021	
	Concrete Footing		
	Length of Concrete Footing (ft)	80	
	Demolition Unit Cost per WDEQ Guide. No.12, App.K (\$/lin. ft)	\$18.14	
	Subtotal Concrete Footing Demolition Costs	\$1,451	
	Subtotal O ₂ Pad CPP Costs	\$3,472	
E	Fence Removal		
	Total Length of Fence (ft)	143,003	
	Fence Removal Cost	\$0.37	
	Subtotal Fence Removal	\$52,911	
F	Removal of Drill Water Tanks - MU-10		
	Concrete base rings removal		
	Area of Concrete rings (ft ²) 24" thick	132	
	Demolition Unit Cost per WDEQ Guideline No.12, App.K (\$/ft ²)	\$5.05	
	Subtotal Concrete ring Demolition Costs	\$666.72	
	Tank Demo and Removal		
	Tank volume	13,367	
	Demolition Unit Cost per WDEQ Guideline No.12, App.K (\$/ft ³)	\$0.25	
	Subtotal Tank Demolition Costs	\$3,326.03	
	Disposal Cost of Demolition Debris		
	Concrete Volume (in truck) -cy	11	
	Tank Demolished volume -cy	50	
	Transport and disposal - municiiple landfill -cy	\$8.12	
	Subtotal Disposal Costs	\$489.03	
	Subtotal Removal of Drill Water Tanks MU-10	\$4,481.77	
G	Removal of Shallow Groundwater Monitor Wells		
	MU-15A 5 shallow (20 foot) monitor wells	Total Depth	100
	Plug & Abandon	per foot	0
	Total Plug & Abandonment Cost	\$	-
	Total Miscellaneous Structures Reclamation Costs		\$60,692.88
VI.	Infrastructure, Equipment Maintenance, Replacement and Repairs @\$62,000/yr		\$682,000.00
	Note: 11 years is used to represent additional active restoration beyond permit 603 timeframe		
	TOTAL MISCELLANEOUS RECLAMATION COSTS		\$1,392,302
NOTE: Vehicle operation costs are captured in WF REC			

Cameco Resources
Smith Ranch Uranium Project
2011-2012 Surety Estimate

Groundwater Sweep (GWS) and Deep Disposal Well (DDW) Unit Costs														
Assumptions:														
1. Wellfield pumps are 5 hp pumping at 32 gpm														
2. Cost of electricity = \$0.0478 kwh														
3. Operator labor costs = \$262.97 man-day														
4. One 60 hp pump at the plant or satellite feeds two DDWs														
5. One 75 hp at each DDW (operating HP)														
6. Each DDW can take 105 gpm														
Wellfield Pumping Electrical Costs per 1000 Gallons														
1000 gal/min 5 hp/pump 1440 Kgal/day = \$ 0.12														
25 gal/pump 0.746 Kwh/hp \$0.0478 /kwh														
40 pumps 24 hr/day														
Wellfield Pumping Labor Costs per 1000 Gallons														
2 Oper. \$526 Labor cost/day = \$ 0.37														
\$263 Cost/oper/day 1,440 kgal/day														
Groundwater Sweep Production Rate														
150 gal min X 60 min hr X 24 hr day X 365 day year X 1 year month = 6,570,000 gallons month														
Plant or Satellite to DDW or Irrigator No. 2 Pumping Electrical Costs per 1000 Gallons														
150 gal 216 Kgal/day \$0.0478 \$/Kwh = \$ 0.238														
60 HP 0.746 Kwh/HP 24 Hr/day														
DDW Pumping Costs per 1000 gallons														
105 gal 151.2 Kgal/day \$0.0478 \$/Kwh = \$ 0.425														
75 HP 0.746 Kwh/HP 24 Hr/day														
TOTAL GWS COSTS PER 1000 GALLONS INCLUDES DISPOSAL												= \$ 1.15		
TOTAL DDW INJECTION COSTS PER 1000 GALLONS												= \$ 0.66		

Cameco Sources
Smith Ranch Uranium Project
2011-12 Surety Estimate

Groundwater Reverse Osmosis (RO) and Bioremediation Unit Costs														
Assumptions:														
1. Cost of electricity =													\$0.0478	KW hr
2. Operator labor costs =													\$262.97	day
3. RO System Horsepower:														
			RO Unit Pump				60	hp						
			Permeate/Injection pump				60	hp						
			Waste pump				15	hp						
			TOTAL:				135	hp						
4. Chemical costs:														
			Sodium Sulfide										\$0.38	gal
			Methanol =										\$2.43	gal
			Antiscalant =										\$16.19	gal
5. Mix Rates														
			Sodium Sulfide				0.0001	gal/gal						
			Methanol (not used)				0.00025	gal/gal						
			Antiscalant				0.00000833	gal/gal						
6. Based on 40 pumps to produce 1000 gpm - each pump does 25 gpm													1,440	Kgal/day
7. RO Maintenance Costs													\$0.07	per Kgal
Wellfield Pumping Electrical Costs per 1000 Gallons														
40 pumps			0.746	Kwh/HP		\$0.0478	electric rate						= \$	\$0.12 per Kgal
5 HP			24	Hrs/Day										
Reverse Osmosis/Bioremediation Electrical Costs per 1000 Gallons														
135 HP			0.746	Kwh/HP		\$0.0478	electric rate						= \$	0.080 per Kgal
			24	Hrs/Day										
Reverse Osmosis/Bioremediation Labor Costs per 1000 Gallons, moved labor to GW Rest page, section VIII														
0 Oper.			\$0.00	Labor cost/day									= \$	0.000 per Kgal
\$263 Cost/oper/day			1,440	kcal/day										
Treatment chemical costs per 1000 Gallons														
Antiscalant:														
1000 gal	X		0.000008330	gal antiscalant	X	\$16.19							= \$	0.135 per Kgal
			1	gal		gal antiscalant								
Methanol			(not used)											
1000 gal	X		0.00000	gal methanol	X	\$2.43							= \$	0.000 per Kgal
			1	gal		gal methanol								
Sodium Sulfide														
1000 gal	X		0.00010	pounds	X	\$0.38							= \$	0.038 per Kgal
			1	gal		pound sodium sulfide								
Reverse Osmosis Production Rate														
1000 gal	X		60	min	X	24	hr	X	365	day	X	1	year	= 43,800,000 gallons
			min	hr		day	day		year			12	month	month
TOTAL RO COSTS PER 1000 GALLONS														
													= \$	0.40
TOTAL RO WITH CHEMICAL COSTS PER 1000 GALLONS (NO BRINE DIS)														
													= \$	0.44

Cameco Resources
Smith Ranch Uranium Project
2011 -12 Surety Estimate

FIVE YEAR MECHANICAL INTEGRITY TESTS (MIT)										
Assumptions:										
1	Pulling Unit for 8 hr/day									
2	MIT Unit for 8 hr/day									
3	Labor for operation of pulling unit requires 2 workers (one operator & one laborer)									
4	Labor for operation of MIT Unit requires 1 worker									
MIT Costs per Well										
Equipment and Labor:										
Pulling Unit includes one operator										
	8 hours	X	\$ 82.74	per hour				= \$	661.90	
Laborer										
	8 hours	X	\$ 22.48	per hour				= \$	179.80	
MIT Unit includes one operator										
	8 hours	X	\$ 67.22	per hour				= \$	537.76	
TOTAL MIT COST PER DAY									= \$	1379.00
	Wells Completed			6	per day					
MIT COSTS PER WELL									= \$	229.83
MIT COSTS PER DEEP DISPOSAL WELL (2010 Cost)									= \$	5907.53

**Cameco Resources
Smith Ranch Uranium Project
2011-12 Surety Estimate**

WELL ABANDONMENT Unit Costs									
Wells without pumps									
Assumptions:									
1	Typical 8 hour working day								
2	Average 700 feet per well								
3	Plug four (4) Wells per day	700	ft	X	4	=	2,800		
Cased Well Abandonment Costs							\$ per day	\$ per foot	
	Cat 416 Backhoe	8	hours	X	\$ 116.88	per hour	= \$ 935.00	\$0.33	
	Water Truck	8	hours	X	\$ 106.25	per hour	= \$ 850.00	\$0.30	
	Hose Reel	8	hours	X	\$ 62.50	per hour	= \$ 500.00	\$0.18	
	Cementer	8	hours	X	\$ 100.00	per hour	= \$ 800.00	\$0.29	
Materials per foot of well									
	Cement	0.085714	sacks/ft	X	\$ 16.00	per sack	= \$ 3,840.00	\$1.37	
	Bentonite	0.006	sacks/ft	X	\$ 4.31	per sack	= \$ 68.96	\$0.02	
Total Estimated Cost per Day							\$ 6,993.96		
Total Estimated Cost per Foot based on Tyler Exploration Quote #502 dated 3-11-11:								\$2.50	
Wells with pumps									
Assumptions:									
1	Typical 8 hour working day								
2	Average 700 feet per well								
3	Plug four (4) Wells per day	700	ft	X	4	=	2,800		
Cased Well Abandonment Costs							\$ per day	\$ per foot	
	Cat 416 Backhoe	8	hours	X	\$ 116.88	per hour	= \$ 935.00	\$0.33	
	Pulling Unit	8	hours	X	\$ 106.25	per hour	= \$ 850.00	\$0.30	
	Water Truck	8	hours	X	\$ 106.25	per hour	= \$ 850.00	\$0.30	
	Hose Reel	8	hours	X	\$ 62.50	per hour	= \$ 500.00	\$0.18	
	Cementer	8	hours	X	\$ 100.00	per hour	= \$ 800.00	\$0.29	
Materials per foot of well									
	Cement	0.085714	sacks/ft	X	\$ 16.00	per sack	= \$ 3,840.00	\$1.37	
	Bentonite	0.006	sacks/ft	X	\$ 4.31	per sack	= \$ 68.96	\$0.02	
Total Estimated Cost per Day							\$ 7,843.96		
Total Estimated Cost per Foot based on Tyler Exploration Quote #503 dated 4-29-11:								\$2.80	

**Cameco Resources
Smith Ranch Uranium Project
2011-12 Surety Estimate**

REMOVAL OF CONTAMINATED SOIL AROUND WELLS Unit Cost									
Assumptions:									
1 Use backhoe for 0.25 hr/well to dig									
2 Radiation Technician measures extent of contamination for 0.25 hr/well									
Assessment/Removal Costs					Cost per well				
Cat 416 Backhoe	0.25	hours	X	\$ 25.42	per hour			\$6.35	
Radiation Technician	0.25	hours	X	\$ 27.43	per hour			\$6.86	
Laborer	0.25		X	\$ 32.87	per hour			\$8.22	
Remove Casing	1	well	X	\$ 15.00	per well			\$15.00	
Hole Plug/Cap	1	each	X	\$ 7.50	each			\$7.50	
Site Grading & Seeding	2.13	each	X	\$ 31.00	per sm site			\$66.03	
Disposal and Transportation Costs									
Contaminated Soil per Well					0.370	cy per well			
Disposal and Transportation				\$	281.82	per cy		\$104.27	
Total Estimated Cost per Well:								\$214.23	

**Cameco Resources
Smith Ranch Uranium Project
2011-12 Surety Estimate**

DELINEATION HOLE ABANDONMENT Unit Costs											
Assumptions:											
1 Use the cased well abandonment cost as base.											
2 Other costs per Guideline 12 appendix L											
Hole Abandonment Costs										\$/ft (based on 750 ft holes)	
Cased Well Abandonment Cost (per above breakdown)										1,875.00	\$ 2.500
Hole Plug/Cap										7.50	\$ 0.010
Site Grading & Seeding										66.03	\$ 0.088
										73.53	
Total Estimated Cost per Well										1,948.53	
Total Estimated Cost per Foot:											\$2.60

Cameco Resources
Smith Ranch - Highland Uranium Project
Surety Estimate 2011-2012

Wellfield Building/Clay Liner Removal			
Cost per Well Head Cover			
Radiation Tech =	27	per hour	
Operator =	33	per hour	
HCl 35% Cost =	\$ 0.160	per pound	
Acid Usage Rate =	4.1	pounds per wellhead cover	
Acid Unit Cost =	\$ 0.66	per wellhead cover	
Total Labor Rate =	\$ 66.87	per hour	
Cleaning Rate	10	wellheads per hour	
Survey / Decon.	\$ 6.69	per wellhead cover	
Cost per Header House			
Rad Technician =	27	per hour	
Operator =	33	per hour	
Number of Operators =	2		
HCl 35% Cost =	\$ 0.160	per pound	
Acid Usage Rate =	20	pounds per header house	
Acid Unit Cost =	\$ 3.20	per header house	
Total Labor Rate =	\$ 578.98	per hour	
Cleaning Rate	1	header house per day	
Survey / Decon.	\$ 578.98	per header house	
Clay Liner/Subsoil Removal Cost			
Operator =	33	per hour	
Trackhoe =	\$ 79.68	per hour	
Loader =	\$ 43.93	per hour	
Loader Size =	1.5	cubic yards	
Disposal Rate =	40	yards/hour	
Total Removal	\$ 3.91	per cubic yard	

Cameco Resources
Smith Ranch - Highland Uranium Project
Surety Estimate 2011-2012

ACID WASH								
Assumptions:								
10% wash solution is used								
0.25 gallon of acid wash is used per sq ft. to clean walls.								
1 gallon of acid wash is used per sq ft. to clean floors.								
Using the CPP square footages the assumption is as follows								
Acid Wash (Walls)								
Labor	2 Men							
Rate	\$22.48 hr.							
Time	20 8hr. Days							
Manlift	\$7,976.33 Month							
CPP Wall Area	26,710 square feet							
Labor and manlift	\$0.57 per square foot							
Acid	\$0.16 pound							
Consumables	\$0.05 per square foot							
Total	\$0.78 per square foot							
Acid Wash (Floors)								
Labor	2 Workers							
Rate	\$22.48 hr.							
Time	15 8hr. Days							
CPP Floor Area	17820 square feet							
Labor	\$0.30 per square foot							
Acid	\$0.16 pound							
Consumables	\$0.05 per square foot							
Total	\$0.51 per square foot							

Electrical Power Consumption and Costs - During Restoration

Description	Operating Horsepower	Voltage	Lighting FT ²	Lighting Watts (1.25 watts/FT ²)	Electric Heat Kw	Electric Air Conditioning Kw	Kw/HP	Kwhr/HP hr	Operating Hours/yr	Kwhr/yr	Power Cost \$/Kwhr	Electrical Cost/year
CPP 500 Gallon RO and Support Equip												
RO Feed Pump (cost of power in RO operating cost)	-	480					0.746	0.746	8,760	-	0.04780	\$ -
Decar/Re-injection Pump (cost of power in RO operating)	-	480					0.746	0.746	8,760	-	0.04780	\$ -
Decarb-Fan	5.0	480					0.746	0.746	8,760	32,675	0.04780	\$ 1,561.86
Misc. Equip. (metering pumps, fans, sump pumps)	10.0	480					0.746	0.746	8,760	65,350	0.04780	\$ 3,123.71
Air Compressors	7.5	480					0.746	0.746	8,760	49,012	0.04780	\$ 2,342.78
Lighting (1.25 watts/sqft)			28,370	1.25					8,760	310,652	0.04780	\$ 14,849.14
Laboratory Power	5.0						0.746	0.746	8,760	32,675	0.04780	\$ 1,561.86
CPP Electrical Power Cost per Year Total												\$ 23,439.35
SR1 500 Gallon RO and Support Equip.												
PC Booster Pump	40.0	480					0.746	0.746	8,760	261,398	0.04780	\$ 12,494.84
RO Feed Pump (cost of power in RO operating cost)	-	480					0.746	0.746	8,760	-	0.04780	\$ -
Decar/Re-injection Pump (cost of power in RO operating)	-	480					0.746	0.746	8,760	-	0.04780	\$ -
Decarb-Compressor	5.0	480					0.746	0.746	8,760	32,675	0.04780	\$ 1,561.86
Decarb Booster Pump	10.0	480					0.746	0.746	8,760	65,350	0.04780	\$ 3,123.71
DDW 2 injection Pump	75.0	480					0.746	0.746	8,760	490,122	0.04780	\$ 23,427.83
Misc. Equip. (metering pumps, fans, sump pumps)	10.0	480					0.746	0.746	8,760	65,350	0.04780	\$ 3,123.71
Air Compressors	7.5	480					0.746	0.746	8,760	49,012	0.04780	\$ 2,342.78
Lighting (1.25 watts/sqft)			18,640	1.25					8,760	204,108	0.04780	\$ 9,756.36
SR1 500 Gallon RO and Support Equip. Total												\$ 55,831.10
SR2 500 Gallon RO and Support Equip.												
PC Booster Pump	40.0	480					0.746	0.746	8,760	261,398	0.04780	\$ 12,494.84
RO Feed Pump (cost of power in RO operating cost)	-	480					0.746	0.746	8,760	-	0.04780	\$ -
Decar/Re-injection Pump (cost of power in RO operating)	-	480					0.746	0.746	8,760	-	0.04780	\$ -
Decarb-Compressor	5.0	480					0.746	0.746	8,760	32,675	0.04780	\$ 1,561.86
Decarb Booster Pump	10.0	480					0.746	0.746	8,760	65,350	0.04780	\$ 3,123.71
DDW SHRUP 6 injection Pump	75.0	480					0.746	0.746	8,760	490,122	0.04780	\$ 23,427.83
Misc. Equip. (metering pumps, fans, sump pumps)	10.0	480					0.746	0.746	8,760	65,350	0.04780	\$ 3,123.71
Air Compressors	7.5	480					0.746	0.746	8,760	49,012	0.04780	\$ 2,342.78
Lighting (1.25 watts/sqft)			18,640	1.25					8,760	204,108	0.04780	\$ 9,756.36
SR2 500 Gallon RO and Support Equip. Total												\$55,831.10
Reynolds Ranch 1 500 Gallon RO and Support Equip.												
PC Booster Pump	40.0	480					0.746	0.746	8,760	261,398	0.04780	\$ 12,494.84
RO Feed Pump (cost of power in RO operating cost)	-	480					0.746	0.746	8,760	-	0.04780	\$ -
Decar/Re-injection Pump (cost of power in RO operating)	-	480					0.746	0.746	8,760	-	0.04780	\$ -
Decarb-Compressor	5.0	480					0.746	0.746	8,760	32,675	0.04780	\$ 1,561.86
Decarb Booster Pump	10.0	480					0.746	0.746	8,760	65,350	0.04780	\$ 3,123.71
Misc. Equip. (metering pumps, fans, sump pumps)	10.0	480					0.746	0.746	8,760	65,350	0.04780	\$ 3,123.71
Air Compressors	7.5	480					0.746	0.746	8,760	49,012	0.04780	\$ 2,342.78
Lighting (1.25 watts/sqft)				1.25					8,760	-	0.04780	\$ -
SR1 500 Gallon RO and Support Equip. Total												\$22,646.90
DDW 1												
DDW PD Injection Pump (is in DDW disposal cost)	-	480					0.746	0.746	8,760	-	0.04780	\$ -
Misc. Equip. (metering pumps, fans, sump pumps)	1.0	480					0.746	0.746	8,760	6,535	0.04780	\$ 312.37
Heater - electric Kw (includes wellhead)	-	480			12.5				4,320	54,000	0.04780	\$ 2,581.20
Lighting (1.25 watts/sqft)			390	1.25					8,760	4,271	0.04780	\$ 204.13
DDW 1 Injection Pump Support Equip. Total												\$3,097.70

Came Sources
 Smith Ranch Highlands
 Surety Estimate 2011-2012

DDW SHRUP #7

DDW PD Injection Pump (is in DDW disposal cost)	-	480				0.746	0.746	8,760	-	0.04780	\$	-
Misc. Equip. (metering pumps, fans, sump pumps)	1.0	480				0.746	0.746	8,760	6,535	0.04780	\$	312.37
Air Compressors	1.0	480				0.746	0.746	8,760	6,535	0.04780	\$	312.37
Heater - electric Kw (includes wellhead)	-	480			12.5			4,320	54,000	0.04780	\$	2,581.20
Lighting (1.25 watts/sqft)			392	1.25				8,760	4,292	0.04780	\$	205.18
DDW SRHUP 10 Injection Pump Support Equip. Total												\$3,411.12

DDW SHRUP #8

DDW PD Injection Pump (is in DDW disposal cost)	-	480				0.746	0.746	8,760	-	0.04780	\$	-
Misc. Equip. (metering pumps, fans, sump pumps)	1.0	480				0.746	0.746	8,760	6,535	0.04780	\$	312.37
Air Compressors	1.0	480				0.746	0.746	8,760	6,535	0.04780	\$	312.37
Heater - electric Kw (includes wellhead)	-	480			12.5			4,320	54,000	0.04780	\$	2,581.20
Lighting (1.25 watts/sqft)				1.25				8,760	-	0.04780	\$	-
DDW SRHUP 10 Injection Pump Support Equip. Total												\$3,205.94

DDW SHRUP #10

DDW PD Injection Pump (is in DDW disposal cost)	-	480				0.746	0.746	8,760	-	0.04780	\$	-
Misc. Equip. (metering pumps, fans, sump pumps)	1.0	480				0.746	0.746	8,760	6,535	0.04780	\$	312.37
Air Compressors	1.0	480				0.746	0.746	8,760	6,535	0.04780	\$	312.37
Heater - electric Kw (includes wellhead)	-	480			12.5			4,320	54,000	0.04780	\$	2,581.20
Lighting (1.25 watts/sqft)			392	1.25				8,760	4,292	0.04780	\$	205.18
DDW SRHUP 10 Injection Pump Support Equip. Total												\$3,411.12

DDW Reynolds Ranch

DDW PD Injection Pump (is in DDW disposal cost)	-	480				0.746	0.746	8,760	-	0.04780	\$	-
Misc. Equip. (metering pumps, fans, sump pumps)	1.0	480				0.746	0.746	8,760	6,535	0.04780	\$	312.37
Air Compressors	1.0	480				0.746	0.746	8,760	6,535	0.04780	\$	312.37
Heater - electric Kw (includes wellhead)	-	480			12.5			4,320	54,000	0.04780	\$	2,581.20
Lighting (1.25 watts/sqft)				1.25				8,760	-	0.04780	\$	-
Reynolds Ranch Injection Pump Support Equip. Total												\$3,205.94

Maintenance Shop Building

Misc. Equip. (fans, sump pumps)	2.0	480				0.746	0.746	8,760	13,070	0.04780	\$	624.74
Lighting (1.25 watts/sqft)			7,028	1.25				8,760	76,957	0.04780	\$	3,678.53
Maintenance Shop Building Total												\$ 4,303.27

Fresh Water Pumphouse

Water Pumps, fans, and metering pumps	10.0	480				0.746	0.746	8,760	65,350	0.04780	\$	3,123.71
Lighting (1.25 watts/sqft)			1,186	1.25				8,760	12,987	0.04780	\$	620.76
Heater - electric Kw	-	480			10.0			4,320	43,200	0.04780	\$	2,064.96
Fresh Water Pumphouse Total												\$ 5,809.44

Office Building

Water Pumps, fans	7.5	480				0.746	0.746	8,760	49,012	0.04780	\$	2,342.78
Lighting (1.00 watts/sqft)			8,000	1.00				8,760	70,080	0.04780	\$	3,349.82
Air conditioning - electric Kw	-	480			30.0			1,600	48,000	0.04780	\$	2,294.40
Office Building Total												\$ 7,987.01

Header house

Heater - electric Kw	-	480			12.5			4,320	54,000	0.04780	\$	2,581.20
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Heating Costs By Building

[illegible]

Cameco Resources
Smith Ranch Uranium Project
2011-12 Surety Estimate

[illegible]

Camco Resources
Smith Ranch Uranium Project
2011-12 Surety Estimate

Equipment Costs - based on Cost Reference Guide - Equipment Watch 2010

Gasoline cost/gallon= 2. \$ 2.63
Diesel Cost/ gallon = \$ 2.68

GEC = ground engaging components

18%

Equipment Description	Hourly Ownership & Overhaul Cost					Diesel Cost/ gallon = \$ 2.68												Total Operating cost/hr	Total Hourly Cost	Owner's Profit & OH / hr	Cost/hr
	Ownership			Overhaul		Field Repair & Operating Expenses (no operator labor)															
	Depr. \$	CFC \$	O'Head \$	Labor \$	Parts \$	Labor \$	Parts \$	Fuel consum. Gal/hr	Fuel \$	Lube \$	Tires \$	GEC \$									
Cat 14H Grader - 14' Blade	\$ 16.53	\$ 7.29	\$ 9.16	\$ 3.95	\$ 8.32	\$ 3.29	\$ 8.07	7.04	\$ 18.87	\$ 4.22	\$ 5.14	\$ 0.64	\$ 40.23	\$ 85.48	\$ 15.39	\$ 100.86					
Bobcat S250 Skid Steer Loader	\$ 1.95	\$ 0.64	\$ 0.78	\$ 1.75	\$ 1.31	\$ 1.42	\$ 0.93	2.78	\$ 7.44	\$ 0.84	\$ 0.85	\$ 0.08	\$ 11.56	\$ 17.99	\$ 3.24	\$ 21.23					
Backhoe 416E Extendable Boom	\$ 3.85	\$ 1.51	\$ 1.30	\$ 1.21	\$ 0.92	\$ 1.23	\$ 1.14	2.88	\$ 7.71	\$ 1.57	\$ 0.95	\$ 0.15	\$ 12.75	\$ 21.54	\$ 3.88	\$ 25.42					
Cat 924H 4-WD Wheel Loader	\$ 8.05	\$ 2.76	\$ 2.63	\$ 2.30	\$ 1.85	\$ 2.85	\$ 1.80	4.12	\$ 11.05	\$ 1.87	\$ 1.83	\$ 0.24	\$ 19.64	\$ 37.23	\$ 6.70	\$ 43.93					
Cat 615C Elevating Scarper	\$ 17.88	\$ 7.79	\$ 7.88	\$ 7.89	\$ 14.79	\$ 12.27	\$ 13.31	10.07	\$ 26.98	\$ 5.18	\$ 3.33	\$ 1.14	\$ 62.21	\$ 118.44	\$ 21.32	\$ 139.76					
Cat D8R Dozer - Semi U Blade	\$ 21.97	\$ 7.90	\$ 7.53	\$ 7.89	\$ 14.36	\$ 8.77	\$ 13.86	11.36	\$ 30.44	\$ 5.41	\$ -	\$ 2.01	\$ 60.49	\$ 120.14	\$ 21.63	\$ 141.77					
Cat 320C L Trackhoe	\$ 16.31	\$ 5.02	\$ 3.64	\$ 5.70	\$ 5.60	\$ 5.70	\$ 5.60	5.80	\$ 15.53	\$ 3.52	\$ -	\$ 0.90	\$ 31.25	\$ 67.52	\$ 12.15	\$ 79.68					
Concrete Jaws Labounty - CP-60	\$ 1.57	\$ 0.47	\$ 0.47	\$ 0.81	\$ 0.39	\$ 7.30	\$ 1.95	-	\$ -	\$ 0.21	\$ -	\$ -	\$ 9.46	\$ 13.17	\$ 2.37	\$ 15.54					
Grove RT700E 50 ton RT Crane	\$ 20.62	\$ 6.85	\$ 8.83	\$ 6.07	\$ 9.81	\$ 5.85	\$ 13.79	11.54	\$ 30.93	\$ 6.22	\$ 5.70	\$ -	\$ 62.49	\$ 114.67	\$ 20.64	\$ 135.31					
Vermeer 1230 Chipper	\$ 2.19	\$ 0.40	\$ 0.60	\$ 1.21	\$ 1.38	\$ 0.99	\$ 1.02	2.92	\$ 7.82	\$ 0.83	\$ 0.26	\$ 0.69	\$ 11.61	\$ 17.39	\$ 3.13	\$ 20.52					
JLG 600S Manlift - 60 ft (Gas)	\$ 11.12	\$ 2.18	\$ 1.51	\$ 5.10	\$ 4.52	\$ 5.26	\$ 1.87	3.11	\$ 8.18	\$ 1.71	\$ 0.80	\$ -	\$ 17.82	\$ 42.25	\$ 7.60	\$ 49.85					
Pressure Washer 5 gpm 2200 psi	\$ 0.21	\$ 0.04	\$ 0.03	\$ 0.34	\$ 0.09	\$ 0.52	\$ 0.04	0.50	\$ 1.32	\$ 0.17	\$ -	\$ -	\$ 2.05	\$ 2.76	\$ 0.50	\$ 3.25					
Pick-up Truck 3/4 ton 4X4	\$ 2.66	\$ 0.44	\$ 0.37	\$ 0.59	\$ 0.54	\$ 0.75	\$ 0.52	3.14	\$ 8.26	\$ 0.79	\$ 0.40	\$ -	\$ 10.72	\$ 15.32	\$ 2.76	\$ 18.08					
Pulling Unit - Truck 1.75 Ton 4X4	\$ 4.06	\$ 0.71	\$ 0.72	\$ 0.66	\$ 0.88	\$ 0.83	\$ 0.85	6.88	\$ 18.09	\$ 1.66	\$ 0.65	\$ -	\$ 22.08	\$ 29.11							
Hoisting Unit - Hydraulic 18000#	\$ 4.91	\$ 0.90	\$ 0.78	\$ 1.46	\$ 1.32	\$ 1.80	\$ 1.52	-	\$ -	\$ 0.46	\$ -	\$ -	\$ 3.78	\$ 13.15							
Pulling Unit Total	\$ 8.97	\$ 1.61	\$ 1.50	\$ 2.12	\$ 2.20	\$ 2.63	\$ 2.37	6.88	\$ 18.09	\$ 2.12	\$ 0.65	\$ -	\$ 25.86	\$ 42.26	\$ 7.61	\$ 49.87					
MIT Truck - 1.75 Ton 4X4 Gas	\$ 4.06	\$ 0.71	\$ 0.72	\$ 0.66	\$ 0.88	\$ 0.83	\$ 0.85	6.88	\$ 18.09	\$ 1.66	\$ 0.65	\$ -	\$ 22.08	\$ 29.11	\$ 5.24	\$ 34.35					
Mobile Mixer Trailer Mounted - Cementer - Grout mixer pumper	\$ 5.86	\$ 1.12	\$ 1.07	\$ 4.16	\$ 1.68	\$ 5.48	\$ 1.85	2.02	\$ 5.41	\$ 0.85	\$ 0.40	\$ -	\$ 13.99	\$ 27.88	\$ 5.02	\$ 32.90					
GooseNeck Trailer 3 Axle - fixed	\$ 2.85	\$ 0.76	\$ 0.45	\$ 1.42	\$ 0.88	\$ 1.64	\$ 1.22	-	\$ -	\$ 0.29	\$ 2.24	\$ -	\$ 5.39	\$ 11.75	\$ 2.12	\$ 13.87					
GEHL DL-8 Rough Terrain Lift Truck	\$ 8.35	\$ 1.88	\$ 1.92	\$ 5.06	\$ 4.93	\$ 5.28	\$ 3.31	3.23	\$ 8.66	\$ 1.61	\$ 1.43	\$ -	\$ 20.29	\$ 42.43	\$ 7.64	\$ 50.07					

**Cameco Resources
Smith Ranch Uranium Project
2011-12 Surety Estimate**

Mine Unit Data														
	Mine Unit-1	Mine Unit-2	Mine Unit-3	Mine Unit-4/4A/4Ext	Mine Unit-15	Mine Unit-15A	Mine Unit K	Mine Unit 9	Mine Unit 10	Mine Unit 11	Mine Unit 27	Mine Unit 21	Mine Unit 7	Mine Unit 8
Total number of production wells	113	145	140	216	211	211	285	238	234	0	0	0	60	20
Total number of injection wells	171	232	226	353	453	384	537	354	495	0	0	0	120	40
Total number of monitor wells	62	50	59	90	83	56	128	103	153	0	0	0	80	120
Flare Factor	1.56	1.05	1.05	1.14	1.48	1.68	1.21	1.52	1.52	0	0	0	1.58	1.58
Wellfield Area (R2)	1,108,034	2,271,426	1,790,519	2,725,270	2,554,278	970,206	3,387,399	1,931,533	2,377,728	0	0	0	840,000	840,000
Wellfield Area (acres)	25.44	52.14	41.10	62.56	58.64	22.27	77.76	44.34	54.59	0.00	0.00	0.00	19.28	19.28
Affected Ore Zone Area (R2)	1,108,034	2,271,426	1,790,519	2,725,270	2,554,278	970,206	3,387,399	1,931,533	2,377,728	0	0	0	840,000	840,000
Avg. Completed Thickness	18.0	26.0	40.0	19.0	18.0	16.0	19.0	23.0	23.0	0.0	0.0	0.0	20.0	20.0
Porosity	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
Affected Volume (R3)	31,113,595	62,009,930	75,201,798	59,029,348	68,045,966	26,079,137	77,876,312	67,526,394	83,125,371	0	0	0	26,544,000	26,544,000
Kgallons per Poru Volume	62,837	125,235	151,878	119,216	137,426	52,669	157,279	136,376	167,880	0	0	0	53,608	53,608
Number of Wells in Unit(s)														
Production Wells														
Current	113	145	140	216	211	211	285	238	234	0	0	0	60	20
Total Estimated	113	145	140	216	211	211	285	238	234	0	0	0	60	20
Injection Wells														
Current	171	232	226	353	453	384	537	354	495	0	0	0	120	40
Total Estimated	171	232	226	353	453	384	537	354	495	0	0	0	120	40
Monitor Wells														
Current	62	50	59	90	83	56	128	103	153	30	0	0	80	120
Total Estimated	62	50	59	90	83	56	128	103	153	30	0	0	80	120
Number of Wells per Wellfield	346	427	425	659	747	651	950	695	882	30	0	0	260	180
Total Number of Wells	6,072													
Average Well Depth (ft)	500	850	750	850	450	500	950	950	900	900	800	600	950	950
Average Diameter of Casing (inches)	5	5	5	5	4.5	4.5	4.5	5	5	0	0	0	5	5
Delineation Holes Estimated Next Report Period	0	0	0	0	0	0	0	0	50	100	0	0	100	100
Length of Fencing (ft)	16,487	11580	7388	25047	7074	0	23271	21887	21595	0	0	0	8674	8674
Number of Deep Disposal Wells	5													

Electrical Costs		
Power cost	2009 Actual	
Kilowatt to Horsepower	\$0.0478	kwHr
Horsepower per gallon per minute	0.746	Kw/HP
	0.167	HP/gpm
Labor Rates		
Latest Available, Wyoming, Mountain States Employers Council, July, 2009	Incl 45% benefits (i.e., overhead)	
Environmental Manager/RSO	\$45.43	\$65.87 hour
Restoration Manager/Hydrologist	\$32.21	\$46.70 hour
Operator	\$22.67	\$32.87 hour
Laborer	\$15.50	\$22.48 hour
Engineer	\$32.21	\$46.70 hour
Radiation/Environmental Engineering Technician	\$18.92	\$27.43 hour
2,080 working hours in a year	173	hours per month
Chemical Costs		
Antiscalant for RO	2010 Actual	
Sodium Sulfide	\$16.19	gal
Methanol	\$0.38	pound
Cement	\$2.43	gal
Bentonite Tubes	\$5.94	sack
Plug Gel	\$2.90	tube
Well Cap - Guideline 12	\$7.30	50# sack
Hydrochloric Acid	\$7.50	each
	\$0.16	pound
Analytical Costs		
Modified Guideline 8 (contract lab)	2010 Actual	
6 parameter (contract lab) Est Rate (CPI)	\$337.00	analysis
Other (radon, bio, etc.) Est Rate (CPI)	\$100.00	analysis
	\$1,000.00	month

Cost to Refurbish Mine Units	\$/ea
Cost to refurbish Well	\$14,000
Cost to refurbish Bell Hole	\$8,886
Cost to refurbish Header House	\$32,000

Cameco Resources
Smith Ranch Uranium Project
2011-12 Surety Estimate

Equipment Costs (includes profit and overhead)			
<u>Equipment</u>	<u>Base Rental Rate (\$/hr)</u>	<u>Labor Costs (\$/hr)</u>	<u>Total (\$/hr)</u>
Cat 924G Loader	\$ 43.93	N/A	\$43.93
Cat 416 Backhoe	\$ 25.42	N/A	\$25.42
Shredder	\$ 20.52	N/A	\$20.52
Cat D8N Bulldozer	\$ 141.77	N/A	\$141.77
Pulling Unit with Operator	\$ 49.87	\$32.87	\$82.74
MIT Unit with Operator	\$ 34.35	\$32.87	\$67.22
GEHL DL-8 Rough Terrain Lift Truck	\$ 50.07	N/A	\$50.07
Unit Klg (workover, repair, P&A) with all labor,	\$ 200.00	inc	\$200.00
Goose Neck Trailer	\$ 13.87	N/A	\$13.87
Manlift	\$ 49.85	N/A	\$49.85
Cementer	\$ 32.90	N/A	\$32.90
Crane with operator	\$ 135.31	\$32.87	\$168.18
Cat 320C L Trackhoe	\$ 79.68	N/A	\$79.68
Concrete Jaws Labounty - CP-60	\$ 15.54	N/A	\$15.54
Pick-up Truck 3/4 ton 4X4	\$ 18.08	N/A	\$18.08
Hose Reel	\$ 62.50	N/A	\$62.50
Bobcat S250 Skid Steer Loader	\$ 21.23	N/A	\$21.23
Cat 14H Grader - 14' Blade	\$ 100.86	N/A	\$100.86
Cat 615C Elevating Scarper	\$ 139.76	N/A	\$139.76
Basis: Drill rig based on current 2010 contracts Equipment rates based on Cost Reference Guide - Equipment Watch 2010 updated addition - see UC - Equip Cost Tab			

Waste Disposal Costs							
<u>Waste Form</u>	<u>Fee*</u>		<u>Load Correction Factor (Tons/Yd3)</u>	<u>Fee per Cubic Yard</u>	<u>Transport Cost</u>		<u>Total Trans and Disposal</u>
Soil, Concrete Bulk Byproduct Material - 11e2	\$141.20	per Ton	1.1	\$155.32	\$126.50	per Yd3**	\$281.82
Unpackaged Bulk Byproduct Material (e.g., pipe) - 11e2	\$165.22	per Ton	0.42	\$69.39	\$94.11	per Yd3 ***	\$163.50
Solid Waste (county landfill)	\$0.00827	per Lb			incl.	per Lb	\$0.00827
Solid Waste (county landfill)	\$133.75	per Load			incl.	per Load	\$133.75
Void Factor (for disposal)	1.25						
* Fee includes all misc taxes and other surcharges. Based on Denison Mines Invoice rec. 4/25/11 ** Transport costs based on invoice from Greenfield logistics rec'd 4/14/11, all-in rate is \$224.07/tn *** Transport costs based on rates from equipment watch last qtr 2009; no actual cost available at this time. \$75/tn * 25.3 to dump site / 15cv load County landfill charges 3yd = \$113.58, 6yd = \$172.10 plus surcharge							

Load Correction Factors - difference between solid material and when it is broken because of air space between the pieces of material, the coarser the material the lower the load factor (or the finer the material the higher the factor). The table below shows some examples of load factors for several common materials, including concrete. These factors are from the Caterpillar Performance Handbook and the Engineering Pocket Reference Guide.

Material	Pounds/CY		% Dif	Load Factor
	Solid (bank)	Broken (Loose)		
Granite	4536	2781	39%	0.61
Limestone	4401	2619	40%	0.60
Sandstone	3915	2538	35%	0.65
Concrete	3996	2176	46%	0.54
Sand & gravel	2700	2400	11%	0.89

Cameco Resources
Smith Ranch Uranium Project
2011-12 Surety Estimate

Guideline No. 12 Unit Costs (includes profit)

App K, Cost Estimates for Demolition and Removal of Railroad Spurs and Facilities Buildings

Task	Cost per unit	Regional Cost Adjustment	Adjusted Cost per Unit
Mixture of Types	\$0.26 ft3	0.957	\$0.249 ft3
Explosive Demolition, Concrete or Steel	0.24 ft3	0.957	\$0.230 ft3
Disposal (Average)	8.48 cy	0.957	\$8.115 cy
City Landfill Dump Charges	\$100.00 ton	0.957	\$95.700 ton
Concrete Footings and Foundations			
6" Thick with Rebar	5.28 ft2	0.957	\$5.053 ft2
Footings - 2' Thick, 3' Wide	18.95 lin. ft.	0.957	\$18.135 lin. ft.
Concrete Disposal On-Site	8.48 cy	0.957	\$8.115 cy

App C, Calculations for Moving Materials with a Caterpillar 637G Push-Pull Scraper Fleet

	Operating Cost per bank (in situ)	
One-Way Distance 500 feet, 0% grade	\$0.852	\$0.852 bey
One-Way Distance 1,000 feet	\$1.018	\$1.018 bey
One-Way Distance 2,000 feet	\$1.319	\$1.319 bey

App E, Calculations for Moving Material with a Caterpillar D9R Dozer

Distance 50 feet	Operating Cost per linear cubic yard	
	\$0.126	\$0.126 lcy

App H, Cost Estimates for Handling Wire Fencing and Electrical Power Lines

Fencing Removal	\$0.37	\$0.37 linear foot
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App I1, Cost Estimate for Ripping Overburden Using a Caterpillar D10R Dozer

0.27 acre/hour	Operating Costs	
	\$243.73	\$243.73 per hour
		\$902.70 per acre

Seeding Unit Costs

Discing / Seeding/Topsoil Costs	2010 Actual
Seed cost	\$65.99 per acre
Hay Mulch Crimped and Soil Amendment	\$540 per acre
Seed and Mulch	\$606 per acre
Depth of Topsoil	0.5 feet

Appendix C

TABLE 4

**WATER SAMPLING DATA
ENVIRONMENTAL MONITORING SITES
3rd & 4th QUARTERS 2010**

SAMPLE LOCATION	SAMPLE DATE	RADIONUCLIDE	CONCENTRATION (mg/L)	CONCENTRATION (pCi/L)	ERROR EST. +/- (pCi/L)	CONCENTRATION (µCi/ml)	10 CFR 20 App. B, Table 2	% EFF. CONC. LIMIT
							Values (µCi/ml)	
SW-1 Stock Pond Section 3 T35N, R74W	3rd Quarter	U-Nat Ra-226	DRY				3.0E-07 6.0E-08	
	4th Quarter	U-Nat Ra-226	DRY				3.0E-07 6.0E-08	
SW-2 Stock Pond Section 2 T35N, R74W	3rd Quarter	U-Nat Ra-226	DRY				3.0E-07 6.0E-08	
	4th Quarter	U-Nat Ra-226	DRY				3.0E-07 6.0E-08	
SW-3 Stock Pond Section 35 T36N, R74W	3rd Quarter	U-Nat Ra-226	DRY				3.0E-07 6.0E-08	
	4th Quarter	U-Nat Ra-226	DRY				3.0E-07 6.0E-08	
SW-4 Stock Pond Section 36 T36N, R74W	3rd Quarter	U-Nat Ra-226	DRY				3.0E-07 6.0E-08	
	4th Quarter	U-Nat Ra-226	DRY				3.0E-07 6.0E-08	
SW-5 Stock Pond Section 21 T36N, R73W	3rd Quarter	U-Nat Ra-226	0.0074	1.30	0.29	5.0E-09 1.3E-09	3.0E-07 6.0E-08	1.7 2.2
	4th Quarter	U-Nat Ra-226	DRY				3.0E-07 6.0E-08	
SW-6 Stock Pond Section 22 T36N, R73W	3rd Quarter	U-Nat Ra-226	0.0006	0.07	0.15	4.1E-10 7.0E-10	3.0E-07 6.0E-08	0.1 1.2
	4th Quarter	U-Nat Ra-226	FROZEN				3.0E-07 6.0E-08	

TABLE 4

**WATER SAMPLING DATA
ENVIRONMENTAL MONITORING SITES
3rd & 4th QUARTERS 2010**

SAMPLE LOCATION	SAMPLE DATE	RADIONUCLIDE	CONCENTRATION (mg/L)	CONCENTRATION (pCi/L)	ERROR EST. +/- (pCi/L)	CONCENTRATION (µCi/ml)	10 CFR 20 App. B, Table 2	% EFF. CONC. LIMIT
							Values (µCi/ml)	
SW-7 Stock Pond Section 22 T36N, R73W	3rd Quarter	U-Nat Ra-226	DRY				3.0E-07 6.0E-08	
	4th Quarter	U-Nat Ra-226	DRY				3.0E-07 6.0E-08	
SW-8 Stock Pond Section 18 T36N, R72W	3rd Quarter	U-Nat Ra-226	0.0039	0.61	0.24	2.6E-09 6.1E-10	3.0E-07 6.0E-08	0.9 1.0
	4th Quarter	U-Nat Ra-226	FROZEN				3.0E-07 6.0E-08	
SW-9 Stock Pond Section 18 T36N, R72W	3rd Quarter	U-Nat Ra-226	DRY				3.0E-07 6.0E-08	
	4th Quarter	U-Nat Ra-226	DRY				3.0E-07 6.0E-08	
SW-10 Stock Pond Section 19 T36N, R72W	3rd Quarter	U-Nat Ra-226	DRY				3.0E-07 6.0E-08	
	4th Quarter	U-Nat Ra-226	DRY				3.0E-07 6.0E-08	
GW-1 Windmill Section 1 T35N, R74W	3rd Quarter	U-Nat Ra-226	0.029	4.20	0.44	2.0E-08 4.2E-09	3.0E-07 6.0E-08	6.5 7.0
	4th Quarter	U-Nat Ra-226	NOT RUNNING				3.0E-07 6.0E-08	
GW-2 Water Well Section 35 T36N, R74W	3rd Quarter	U-Nat Ra-226	NOT RUNNING				3.0E-07 6.0E-08	
	4th Quarter	U-Nat Ra-226	NOT RUNNING				3.0E-07 6.0E-08	

TABLE 4

**WATER SAMPLING DATA
ENVIRONMENTAL MONITORING SITES
3rd & 4th QUARTERS 2010**

SAMPLE LOCATION	SAMPLE DATE	RADIONUCLIDE	CONCENTRATION (mg/L)	CONCENTRATION (pCi/L)	ERROR EST. +/- (pCi/L)	CONCENTRATION (µCi/ml)	10 CFR 20 App. B, Table 2	% EFF. CONC. LIMIT
							Values (µCi/ml)	
GW-3 Windmill Section 27 T36N, R74W	3rd Quarter	U-Nat Ra-226	0.147			1.0E-07 1.8E-09	3.0E-07 6.0E-08	33.2 3.0
	4th Quarter	U-Nat Ra-226	NOT RUNNING				3.0E-07 6.0E-08	
GW-4 Windmill Section 23 T36N, R74W	3rd Quarter	U-Nat Ra-226	0.0728			4.9E-08 4.5E-10	3.0E-07 6.0E-08	16.4 0.8
	4th Quarter	U-Nat Ra-226	NOT RUNNING				3.0E-07 6.0E-08	
GW-5 Windmill Section 30 T36N, R73W	3rd Quarter	U-Nat Ra-226	NOT RUNNING				3.0E-07 6.0E-08	
	4th Quarter	U-Nat Ra-226	NOT RUNNING				3.0E-07 6.0E-08	
GW-6 Windmill Section 28 T36N, R73W	3rd Quarter	U-Nat Ra-226	NOT RUNNING				3.0E-07 6.0E-08	
	4th Quarter	U-Nat Ra-226	NOT RUNNING				3.0E-07 6.0E-08	
GW-8 Windmill Section 23 T36N, R73W	3rd Quarter	U-Nat Ra-226	NOT RUNNING				3.0E-07 6.0E-08	
	4th Quarter	U-Nat Ra-226	NOT RUNNING				3.0E-07 6.0E-08	
GW-9 Windmill Section 14 T36N, R73W	3rd Quarter	U-Nat Ra-226	NOT RUNNING				3.0E-07 6.0E-08	
	4th Quarter	U-Nat Ra-226	NOT RUNNING				3.0E-07 6.0E-08	

TABLE 4

**WATER SAMPLING DATA
ENVIRONMENTAL MONITORING SITES
3rd & 4th QUARTERS 2010**

SAMPLE LOCATION	SAMPLE DATE	RADIONUCLIDE	CONCENTRATION (mg/L)	CONCENTRATION (pCi/L)	ERROR EST. +/- (pCi/L)	CONCENTRATION (μCi/ml)	10 CFR 20 App. B, Table 2	% EFF. CONC. LIMIT
							Values (μCi/ml)	
GW-10 Water Well Section 14 T36N, R73W	3rd Quarter	U-Nat Ra-226	0.0056	0.34	0.17	3.8E-09	3.0E-07	1.3
						3.4E-10	6.0E-08	0.6
	4th Quarter	U-Nat Ra-226	NOT RUNNING				3.0E-07 6.0E-08	
GW-11 Water Well Section 11 T36N, R73W	3rd Quarter	U-Nat Ra-226	0.0008	0.41	0.20	5.4E-10	3.0E-07	0.2
						4.1E-10	6.0E-08	0.7
	4th Quarter	U-Nat Ra-226	NOT RUNNING				3.0E-07 6.0E-08	
GW-12 Water Well Section 7 T36N, R72W	3rd Quarter	U-Nat Ra-226	NOT RUNNING				3.0E-07 6.0E-08	
	4th Quarter	U-Nat Ra-226	NOT RUNNING				3.0E-07 6.0E-08	
GW-13 Water Well Section 9 T36N, R72W	3rd Quarter	U-Nat Ra-226	0.016	1.80	0.32	1.1E-08	3.0E-07	3.6
						1.8E-09	6.0E-08	3.0
	4th Quarter	U-Nat Ra-226	0.0053	0.77	0.19	3.6E-09	3.0E-07	1.2
						7.7E-10	6.0E-08	1.3
GW-14 Water Well Section 10 T36N, R72W	3rd Quarter	U-Nat Ra-226	0.0019	0.37	0.23	1.3E-09	3.0E-07	0.4
						3.7E-10	6.0E-08	0.6
	4th Quarter	U-Nat Ra-226	NOT RUNNING				3.0E-07 6.0E-08	
GW-15 Water Well Section 15 T36N, R72W	3rd Quarter	U-Nat Ra-226	0.0206	0.29		1.4E-08	3.0E-07	4.6
						2.9E-10	6.0E-08	0.5
	4th Quarter	U-Nat Ra-226	NOT RUNNING				3.0E-07 6.0E-08	

TABLE 4

**WATER SAMPLING DATA
ENVIRONMENTAL MONITORING SITES
3rd & 4th QUARTERS 2010**

SAMPLE LOCATION	SAMPLE DATE	RADIONUCLIDE	CONCENTRATION (mg/L)	CONCENTRATION (pCi/L)	ERROR EST. +/- (pCi/L)	CONCENTRATION (µCi/ml)	10 CFR 20 App. B, Table 2	% EFF. CONC. LIMIT
							Values (µCi/ml)	
GW-16 Water Well Section 11 T36N, R72W	3rd Quarter	U-Nat Ra-226	NOT RUNNING				3.0E-07 6.0E-08	
	4th Quarter	U-Nat Ra-226	NOT RUNNING				3.0E-07 6.0E-08	
GW-17 Water Well Section 8 T36N, R72W	3rd Quarter	U-Nat Ra-226	NOT RUNNING				3.0E-07 6.0E-08	
	4th Quarter	U-Nat Ra-226	NOT RUNNING				3.0E-07 6.0E-08	
GW-18 Water Well Section 2 T36N, R72W	3rd Quarter	U-Nat Ra-226	NOT RUNNING				3.0E-07 6.0E-08	
	4th Quarter	U-Nat Ra-226	NOT RUNNING				3.0E-07 6.0E-08	
GW-20 Water Well Section 27 T36N, R73W	3rd Quarter	U-Nat Ra-226	<.001	0.26	0.17	2.6E-10	3.0E-07 6.0E-08	0.4
	4th Quarter	U-Nat Ra-226	<.001	0.2	0.13	2E-10	3.0E-07 6.0E-08	0.3

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