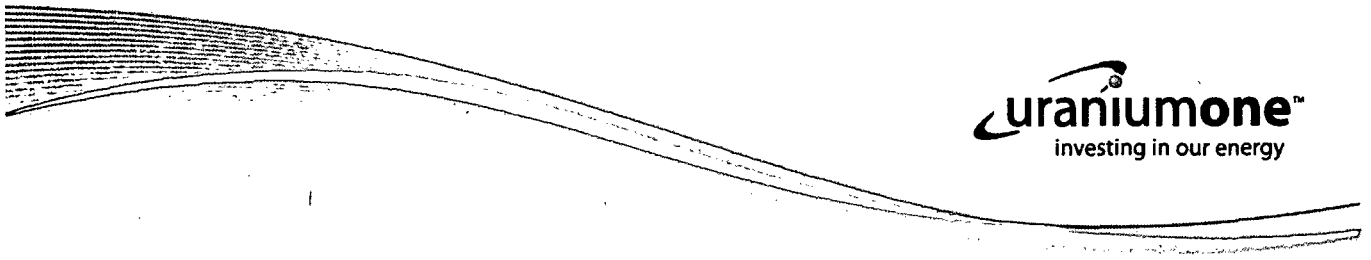

August 18, 2010

LICENSE SUA-1341
DOCKET NO. 40-8502

Attn: Document Control Desk
U. S. Nuclear Regulatory Commission
Mr. Keith I. McConnell, Deputy Director
Decommissioning and Uranium Recovery
Licensing Directorate
Division of Waste Management & Environmental Protection
Office of Federal & State Materials &
Environmental Management Programs
11545 Rockville Pike
Rockville, MD 20852-2738

RE: Annual Report for Wyoming DEQ Permit to Mine No. 478

Dear Mr. McConnell

As requested by our project manager Ron Linton, a copy of the 2009-2010 Annual Report to the Wyoming Department of Environmental Quality is enclosed for the NRC's document control room. The annual report to the NRC will be submitted at the end of the year as required by the updated license.

Please contact me if you have any questions regarding this report.

Sincerely,

Larry Arbogast
Radiation Safety Officer

cc: D. Blair Spitzberg – NRC, Region IV
M. Rogaczewski - WDEQ, Sheridan WY.
J. Winter - UraniumOne

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ANNUAL REPORT
PERMIT TO MINE NO. 478
August 19, 2009 through August 18, 2010

This document provides the information required by the Wyoming Environmental Quality Act, Wyoming Statue 35-11-411 (a). Each section is a response to a specific request listed in the Required Annual Report Information form for large mining operations, which was provided by District III, Land Quality Division, Wyoming Department of Environmental Quality (WDEQ). Additional information reported annually, as required by Permit to Mine No. 478, is provided in Response No. 9 below.

REQUIRED ANNUAL REPORT INFORMATION

1. GENERAL INFORMATION:

Name of Permittee:	Uranium One USA, Inc. 907 n. Poplar Street, Suite 260 Casper, Wyoming 82601
Mining Permit Number:	Permit to Mine No. 478
Date of Permit Issuance:	August 18, 1978
Amendment No. 1:	March 6, 1987
Amendment No. 2:	September 12, 1988
Mineral Mined:	Uranium

State and Federal Mineral Lease Numbers Inside Permit Area:

Uranium One USA Inc. operations are primarily conducted on federal mining claims. These claims are too numerous to list here. Referenced locations in the following text are shown on specified maps located in the Report Appendices.

2. REPORTING PERIOD:

The annual WDEQ report period for Permit No. 478 is August 19, 2009 through August 18, 2010. However, to be consistent with past annual reports and to simplify data reporting the actual period that this report covers is: July 1, 2009 through June 30, 2010.

3. MINING:

a) Uranium One began drilling actives in Mine Unit 7 on March 26, 2010 with delineation drilling. There has been a total of 2.29 acres of disturbance. At the time of this report no long term topsoil stockpiles have established.

b) Tabulated surface acreage disturbed to date is provided below:

Irigaray Project:	
Years Affected	**Acreage**
All disturbances prior to August 17, 1978	9.00 Acres
August 18, 1978 - August 18, 1979	74.56 Acres
August 19, 1979 - August 18, 1980	43.38 Acres
August 19, 1980 - August 18, 1981	4.66 Acres
August 19, 1981 - August 18, 1995	0.00 Acres
August 19, 1995 - August 18, 1996	1.50 Acres
August 19, 1996 – August 18, 2010	0.00 Acres
Total	133.10 Acres
Christensen Ranch Project:	
Years Affected	**Acreage**
August 19, 1988 - August 18, 1989	79.60 Acres[1]
August 19, 1989 - August 18, 1990	10.50 Acres[2]
August 19, 1990 - August 18, 1992	0.00 Acres
August 19, 1992 - August 18, 1993	106.87 Acres[3]
August 19, 1993 - August 18, 1994	5.00 Acres[4]
August 19, 1994 - August 18, 1995	40.72 Acres[5]
August 19, 1995 - August 18, 1996	66.26 Acres[6]
August 19, 1996 - August 18, 1997	33.70 Acres[7]
August 19, 1997 - August 18, 1998	12.98 Acres[8]
August 19, 1998 - August 18, 1999	95.70 Acres[9]
August 19, 1999 - August 18, 2000	2.53 Acres[10]
August 19, 2000 – August 18, 2008	0.00 Acres
August 19, 2008 - August 18, 2009	0.00 Acres
August 19, 2009 - August 18, 2010	2.29 Acres
Total	456.19 Acres
GRAND TOTAL (IR & CR)	**589.29 Acres**

[1]Mine Unit 3 wellfield area - 45.99, ponds & plant - 13.98, topsoil - 3.71, roads - 11.03, lay-down area - 4.88; [2]Unit 3 extension - 10.50; [3]Unit 2 wellfield, pipeline corridors & staging areas - 50.15, Unit 2 topsoil - 0.96, roads - 7.36, Unit 4 development area - 48.08, Unit 4 topsoil - 0.32; [4]Unit 5 lay-down area & delineation holes, - 5.00; [5]Unit 5 roads - 11.1, Unit 5 wellfield, pipeline corridors & staging area - 27.20, Unit 5 topsoil - 2.42; [6]Unit 5 wellfield & pipeline corridors - 47.8, Unit 5 roads & modules - 1.9, Unit 5 topsoil - 0.04, Unit 6 wellfield, delineation holes, & staging area - 11.1, Unit 6 topsoil - 2.52, Deep disposal well # 1 - 2.9, [7]Unit 6 Booster Pump Station & road - 1.8, Unit 6 wellfield, delineation holes & staging area - 29.2, Unit 6 roads & module buildings - 2.7; [8]Unit 7 delineation holes – 10.52, Unit 7 lay-down & borrow area - 0.22, Unit 8 delineation holes - 4.48; [9]Unit 7 development area & delineation holes - 42.7, Unit 8 exploration hole sealing & delineation holes - 53.0 acres; [10]Deep disposal well # 18-3 location & road - 2.3 acres, wellfield electrical line replacement - 0.23.

c) Tabulated topsoil stockpile volumes and dates are provided below:

Stockpile No.	Estimated Volume (yd^3)	Date Stockpiled
Irigaray Project:		
1	1,657.0	Nov. 1976*
2	267.0	Sep. 1978
3	9,748.0	Sep. 1978
4	120.0	Oct. 1978
5	2,248.0	Oct. 1978
6	9,463.0	Aug. 1979
7	1,553.0	Sep. 1979
8	630.0	Oct. 1979
9	3,032.0	Jul. 1980
10	3,369.0	Aug. 1980
11	1,444.0	Aug. 1980
12	8,771.0	Aug. 1980
*IR stockpile No. 1 was utilized for the restoration efforts of 5I7 in May 2004.		
Christensen Ranch Project:		
1	71,787.0	Sep. 1988
2	17,182.0	Sep. 1988
3	14,278.0	Oct. 1988
4	16,779.0	Oct. 1988
5	6,520.0	Mar. 1993
6	1,680.0	Apr. 1993
7	8,291.2	May. 1998
8	4,315.0	Jun. 1995
9	16,822.0	Jun. 1995
10	1,157.0	Apr. 1996
11	4,888.9	Jul. 1996
12	4,120.0	Jan. 1997
13	2,284.7	Feb. 1997
13*	1,230.0	May. 1998
14	2,591.3	Dec. 1999

* Note: Stockpile No. 13 was developed in two consecutive years as construction in Mine Unit 6 continued.

d) Due to the nature of in-situ mining, no spoil material has been produced or stockpiled.

e) There were 0 pounds of uranium as U_3O_8 captured for the report period. Tabulated quantity of uranium historically recovered from both projects is provided below:

Year	Lbs. U_3O_8
December, 1978 - August 18, 1979	101,581
August 19, 1979 - August 18, 1980	122,462
August 19, 1980 - August 18, 1981	58,394
August 19, 1981 - August 18, 1982	425
August 19, 1982 - August 18, 1987	0
August 19, 1987 - August 18, 1988	127,350
August 18, 1988 - July 31, 1989	245,514
November 6, 1989 - February 1, 1990	105,030
August 19, 1990 - August 18, 1991	6,224
August 19, 1991 - July 31, 1992	239,723
August 1, 1992 - June 30, 1993	168,967
July 1, 1993 - June 30, 1994	323,726
July 1, 1994 - June 30, 1995	417,237
July 1, 1995 - June 30, 1996	713,238
July 1, 1996 - June 30, 1997	650,197
July 1, 1997 - June 30, 1998	523,237
July 1, 1998 - June 30, 1999	201,010
July 1, 1999 - June 30, 2000	146,264
July 1, 2000 - June 30, 2001	32,411
July 1, 2001 - June 30, 2002	39,415
July 1, 2002 - June 30, 2003	24,712
July 1, 2003 - June 30, 2004	17,700
July 1, 2004 - June 30, 2005	14,705
July 1, 2005 - June 30, 2006	0
July 1, 2006 - June 30, 2007	0
July 1, 2007 - June 30, 2008	0
July 1, 2008 – June 30, 2009	0
July 1, 2009 – June 30, 2010	0
Total	**3,996,660**

New construction at the Irigaray site during this report period consisted of the removal of the cement floor on the south side of the annex building. A new cement floor was poured. Geo fabric was first laid down and two mats of rebar were put in place. The new floor is eight inches thick. The floor under the brine genitor tank was also replaced

the same way except this floor is eleven inches thick. The yellow cake filter press was completely refurbished. At the Christensen Ranch site a new soda ash silo was installed. Also three new cement pads were installed; one is for a new bi-carbonate system, also injection and recovery pumps and for the sulfuric acid tank to set on.

f) No significant environmental problem areas were noted for the report period.

h) There was one reportable spill during this report period. At the mine unit 6 booster pump station on June 8, 2010 a spill of permeate water of approximately 1200 gallons. 600 gallons remained inside the building and was recovered. The rest that escaped the building pooled around the building and soaked into the ground. Samples were taken and analyzed which confirmed the water to be permeate.

4. SURFACE RECLAMATION AND GROUNDWATER RESTORATION:

Surface Reclamation:

a) No new surface reclamation was done at the Irigaray site during the report period.

b) Irigaray ponds B and RB remain in place. With mining to start in 2011 ponds RA and D will be relined for additional evaporative capacity. Ponds A, C and E remain in a decommissioned phase.

c) At the Irigaray Production Units 7 through 9 wellfields, removal of buried piping began in late June of 2009 with the removal of buried pipe in unit 7. Units 8 and 9 are not done at this time.

d) Vegetation cover remains good in the 5I7 pond and wellfield areas where the permanent seed mix was planted in May 2004. Grasses in the area grew very well this year due to the abundant rain fall during the spring of 2010.

e) The annual noxious weed-spraying program was done in the summer of 2009 and continued in 2010 at the time of this report.

Groundwater Restoration - Christensen Ranch Project:

All groundwater restoration activities, including stabilization monitoring, ended at Christensen Ranch on May 30, 2005. The results of all wellfield restoration were compiled into a report and submitted to the WDEQ and NRC on April 8, 2008.

Surface Reclamation – Christensen Ranch Project:
No surface reclamation was done at the Christensen Ranch site during the report period.

5. MINING PLANS:

As stated in Section 3, COGEMA suspended all mining activities on June 23, 2000. Groundwater restoration of existing wellfields at Christensen and Irigaray, and decommissioning of un-used facilities has been in progress since that time.

On January 25, 2010, Uranium One Exploration U.S.A. Inc. purchased Cogema Mining, Inc., the operator of the Irigaray and Christensen Ranch ISR sites. Uranium One Exploration U.S.A., Inc. also purchased Malapai Resources Company, the owner of the properties. These operational ISR properties are operated under U.S. Nuclear Regulatory Commission Materials License No. SUA-1341 and the Wyoming Department of Environmental Quality Permit to Mine No. 478. Effective February 1, 2010, the name of the operating corporation Cogema Mining, Inc. was changed to Uranium One USA, Inc.

Mining is scheduled to resume at Christensen Ranch with Mine Unit 7 (MU7) starting in Quarter one of 2011. Activities associated with the development of MU7 in 2010 include drilling and well installation, followed by the initiation of surface construction (connection of wells to module buildings, connection to existing main trunkline to the plant) in the fourth quarter of 2010. MU7 was about 50% installed when operations were shut down in 2000. The Wellfield Data Package for Mine Unit 7 was submitted to the WDEQ for review on June 4, 2007. A first round of comments were received from the WDEQ on November 9, 2007 and responses to these comments were submitted on May 13, 2009. A second round of WDEQ comments were received on March 31, 2010 and Uranium One submitted a response package for this second round of comments on May 20, 2010. A Third round of comments from the WDEQ was received on June 28, 2010 and Uranium One provided responses and document modification on July 23 and July 30, 2010. .

The reclamation bond includes the installation of new wells in MU7 and some wells in the next scheduled wellfield, No. 8. Restoration cost estimates for MU7 have been included in this bond estimate but not included for MU 8.

The resumption of mining at Christensen Ranch will also involve processing of the uranium at the Irigaray central plant facility. Reclamation of the Irigaray wellfield area is near completion with all wells now plugged and abandoned. Reclamation of other Irigaray facilities not associated with uranium processing will continue.

6. RECLAMATION & RESTORATION PLANS - NEXT REPORT PERIOD:

Irigaray Surface Reclamation:

In Production Units 8 through 9 the remaining buried piping will be removed. After all work is completed in the wellfields, associated roads and surfaces will be reclaimed. Final surface gamma surveys will be completed prior to topsoil placement and final reclamation.

Christensen Ranch Surface Reclamation:

Reclamation of surface disturbance associated with the development and operations of MU7 will be imitated during the fall of 2010 (if available areas are ready for reclamation) with the majority of reclamation activities being conducted in the spring of 2011.

7. MONITORING ACTIVITIES:

a) Groundwater Monitoring - Wellfield Monitor Wells:

Groundwater quality at both projects is monitored by routine sampling of 327 monitor and trend wells surrounding or within the wellfields. Sampling frequency on these wells is done quarterly during post-restoration/stabilization monitoring and thereafter. Monitor wells on excursion status are sampled weekly.

Sample data for each monitor and trend well from July1, 2009 through June 30, 2010 are contained in Appendix 2.

Uranium One had four monitor wells on excursion status during the report period; 2MW89 was on excursion status from December 16, 2009 to February 16, 2010. 4MW1 was on excursion status from September 15, 2009 to October 15, 2009 and again on June 10, 2010 and remains on excursion status at the time of this report. By letter dated March18, 2010 the WDEQ requested that Uranium One return 5MW66 to excursion status. Written reports were sent to the WYDEQ and NRC concerning these matters and will not be duplicated in this report.

Groundwater Monitoring - Regional Ranch Wells:

Quarterly samples were collected from seven regional ranch wells. During the report period five of the ranch wells that are normally sampled had problems with inoperable pumps or power to the wells therefore they were not sampled every quarter. The ranch owner has been doing repairs on the wells so all quarterly samples can be collected. Regional well samples were analyzed for uranium along

with four other radionuclides in the decay chain. The resulting concentrations were primarily Non Detectable (ND) with the detected concentrations within normal historical ranges 2009 - 2010 sample data are provided in Table 1 of Appendix 1.

Underground Injection Wells:

Two Class I injection wells are installed at the Christensen Ranch project and are licensed by WDEQ Permit Number UIC00-340 for industrial wastes. Routine injection into the wells was suspended at the end of May 2005 after the completion of aquifer restoration activities at Christensen Ranch.

As required by UIC Permit 00-340 section I, paragraph 4, Uranium One shall shut one of the wells covered by this permit in annually for a period of time long enough to observe a valid pressure falloff curve. Each year, a well which was not tested in the previous year shall be tested, until all wells are tested in sequence. On August 25, 2009 through September 2, 2009 all annual and 5-year mechanical integrity test (MIT) was done on both DW No 1. and Christensen 18-3. The (MIT) activities consisted of injection fall off test, annulus pressure test, radioactive tracer (RAT) surveys and static and dynamic temperature surveys. The wells satisfactorily demonstrated mechanical integrity pursuant to the UIC permit. All testing was done by Petrotek Engineering of Littleton, Colorado. A renewal application for WDEQ Permit Number UIC00-340 (Wells DW No. 1 and CR 18-3) is currently under review by the WDEQ-WQD. Quarterly disposal reports for both wells are submitted to the WDEQ - Water Quality Division in Cheyenne, Wyoming. No exceedances of the permit limits were recorded for flow, pressure or water quality during this annual report period both wells are inactive.

b) Surface Water Monitoring:

Willow Creek is an intermittent stream present within the permit boundary of both the IR and CR projects. Three sample locations are designated at each site: upstream, downstream and within the permit boundary. Quarterly samples were collected from the locations where flow was available. An annual sample of the Powder River (IR-5) was also collected near the IR site, downstream from its confluence with Willow Creek.

Please note that at the request of the NRC, GS-01 has been moved further down gradient on Willow Creek to the existing mine permit boundary.

The samples were analyzed for both radionuclide and chemical parameters. The resulting radionuclide concentrations were mostly non-detectable, with the remaining concentrations within historical ranges. The chemical parameters were also within historical ranges. 2009 - 2010 sample data are contained in Table 2 of Appendix 1.

The Federal Water Pollution Control Act and WDEQ - NPDES Program requires facilities with an approved Storm Water Discharge permit to collect water samples and report, "run-off from storm events with greater than 0.1 inches of rainfall", semi-annually in the second, fourth and sixth year of the license period. The CR project is covered by NPDES license WYR00-0904 for the period from September 29, 2007 to August 31, 20012. No samples were collected because personnel were not present during discharge events.

Surface Discharge Monitoring:

A surface discharge outfall is present at the CR project for disposal of treated groundwater generated by restoration activities. The outfall is licensed under National Pollutant Discharge Elimination System (NPDES) permit issued by the WDEQ. No water was discharged at the CR site (Permit No. WY0033642, discharge 002) during this report period, therefore no data set is included

Evaporation Pond Monitoring:

Weekly inspections are conducted on all operable evaporation ponds (currently two at IR and five at CR). During routine weekly pond inspections at the Christensen Ranch site on June 3, 2010 water was discovered in two of the Leak Detection System (LDS) inspection tubes in pond 1. Samples were taken of the (LDS) and compared to the pond water confirming a leak. Corrective action began that day with transferring of water to the three reaming ponds. Twelve small holes were found and repaired. Written reports were sent to the WDEQ and NRC concerning this matter and will not be duplicated in this report. No other leaks were detected at either site during this report period. Pond sample analytical data are contained in Table 3 of Appendix 1.

c)-g) N/A.

g) Anticipating an eventual restart of mining, wildlife monitoring was reinitiated during 2007 and continued in 2008 and 2009. Consultant, Jones and Stokes, prepared a summary report of the 2009 wildlife monitoring which is included here as Appendix 6.

h) Maps showing the monitored locations discussed in this section are located in Appendix 4.

8. RECLAMATION PERFORMANCE BOND ESTIMATE:

An updated reclamation/restoration bond estimate for August 2010 through July 2011 is provided in Appendix 3. Significant changes have been made to the 2009 - 2010 bond estimate to account for the start up of mining in MU7, anticipated

January 1, 2011 and wellfield development in future MU8. No mining (lixiviant injection) is scheduled for MU8 until the 2011-2012 bonding period; thus, restoration costs associated specifically with mining are not reflected for MU8 in this bond estimate.

The detailed 2010-2011 reclamation bond estimate is provided in Appendix 3. Please note that the copy of the estimate in Appendix 3 has been highlighted to show the spreadsheet cells that have been revised. A summary of the revisions made to the estimate is following.

Worksheet 1:

- The number of production and injection wells has been revised for CR Mine Units 2-6 to reflect the amount of wells actually installed.
- Well numbers and wellfield area for MU7 and MU8 have been adjusted for production and development plans.
- As in previous estimates the credit issued by the WDEQ for completion of groundwater sweep at Christensen still remains, but has not been authorized by NRC; therefore, a WDEQ estimate and NRC estimate are provided.
- Costs for the groundwater restoration of new Mine Unit 7 at Christensen are provided. Lixiviant injection (subject to approval) is anticipated in the first module of MU7 in January 2011.
- No costs for the groundwater restoration of future Mine Unit 8 at Christensen are provided. Lixiviant injection (subject to approval) is not anticipated in the first module of MU8 until the next reporting period.
- Labor for groundwater restoration has been changed to two years. All restoration at both Irigaray (now approved) and Christensen, MU2 – 6, has been completed, including stability monitoring. Now that Irigaray is released, the two years will only apply to Christensen Ranch.
- In Section IV, Stabilization Monitoring, the Total Set of Analysis has been increased.
- The difference from the revisions made to Worksheet 1 amount to an overall change in the WDEQ bond amount of an increase of $1,337,658 and an increase of $ $1,231,308 to the NRC amount.

Worksheet 2:

- Worksheet two is for equipment removal from the various areas of the plants.
- During the reporting period several tanks have been added to the Irigaray Expansion Building.
- Transportation costs for a trip to the licensed site (Shirley Basin) have been maintained at $1,000 per load based on actual prices charged to COGEMA by Patterson Trucking, Glenrock, Wyoming.
- Transportation costs for a trip to the local landfill (construction debris, garbage, non-contaminated items) were checked, and verified as the same ($160 per

load) based on actual charges from Brubaker Backhoe Service (dump truck and operator rental).
- The overall difference between the 2009 bond and the 2010 estimate is an increase of $439.

Worksheet 3:

- Worksheet 3 addresses building demolition and disposal. No changes have been made during the reporting period.
- The overall difference between the 2009 bond and the 2010 estimate is $0.

Worksheet 4:

- Worksheet 4 addresses pond reclamation at both sites.
- The amount of pond sludge volume for Irigaray Ponds RA and RB has been adjusted.
- Irigaray Ponds D and RA have been relined.
- Backfill rates remain at $2/Yd^3 consistent with the average earthmoving rate for topsoil placement at Pathfinder's Shirley Basin Mine for the 2006 tailings reclamation contract (where haul distances are much further).
- The Leak Detection System Removal section assumes that contamination is found in the leak detection system wherever a leak has been detected in a pond during its operating life. During the reporting period a leak was detected in Christensen Ranch Brine Pond 1.
- The overall difference between the 2009 bond and the 2010 estimate is an increase of $618,664.

Worksheet 5:

- Worksheet 5 addresses well plugging and abandonment at both sites.
- The format of worksheet 5 has been revised to reflect plugging and abandonment calculations on an individual wellfield and well-type basis for Christensen Ranch.
- As reported in the previous estimate, all wells have now been abandoned at Irigaray.
- The number of wells for CR MU7 and MU8 has been revised to reflect new wells completed during the current reporting period and planned for 2010-2011.
- The overall difference between the 2009 bond and the 2010 estimate is an increase of $ $64,113

Worksheet 6:

- Worksheet 6 addresses wellfield equipment removal and disposal.

Section 1: Wellfield Piping

- All surface piping at the Irigaray site has now been removed from the wellfields. The piping has partially been disposed of, but a majority of the pipe has been sized and stacked and is available for future use (it has been surveyed and meets unrestricted use limits), or disposal. Accordingly, the piping removal costs for the Irigaray surface piping have been "removed" from the bond estimate, but the transport and disposal costs remain.
- The number of wells at Irigaray, and thus amount of piping remains at 602. This is because surface piping was present in Production Units 1 through 5, but buried piping still exists in Units 6 through 9. The number of wells in Production Units 1 through 5 was subtracted from the total wells to estimate the buried piping in Units 6 through 9.
- The amount of wellfield pipeline for CR MU7 has been added.

Section II: Production Well Pumps

- All of the pumps and tubing have been removed from the Irigaray wells in preparation for plugging and abandonment. The pumps have either been sold to Crow Butte Resources, or disposed of (some saved for Christensen Ranch). The tubing has been coiled and is in storage for use at Christensen. The costs for pump and tubing removal for Irigaray Units 1 through 9 have been deleted from the worksheet, but the cost for transport and disposal remain for the tubing.
- The amount of production well pumps has been added for CR MU7.
- Transportation costs for the licensed site remain at $1,000 per load, consistent with actual rates.

Section 3, Buried Trunkline

- Trunkline for CR MU7 has been added.

Section V: Manholes

- Manholes have been added for CR MU7.
- The overall difference between the 2009 bond and the 2010 estimate is an increase of $244,530.

Worksheet 7:

- Worksheet 7 addresses topsoil replacement and revegetation. The rates for topsoil haulage and placement remain at $2/Yd3, based on actual rates from PMC's 2006 tailings reclamation contract.
- Transportation rates to the licensed site remain at $1,000 per load in Section III Wellfields, Spill Clean-up.

Section III: Wellfields

- Mine Unit 7 Radiation and Survey & Soil Analysis costs have been added.

Section IV: Roads

- Affected acreage for CR MU7 and MU8 has been added.

Section V: Other

- Affected acreage for CR MU7 and MU8 has been added.
- The overall difference between the 2009 bond and the 2010 estimate is an increase of $169,776.

Worksheet 8:

- Worksheet 8 addresses miscellaneous items for reclamation.
- For CR MU7 Sections I, II, III, IV, and VI have been adjusted.
- For CR MU8 Sections II and II have been adjusted.
- The overall difference between the 2009 bond and the 2010 estimate is an increase $8,043.

Table 1, Summary:

- Table 1 is the summary of all the worksheet changes. The groundwater restoration unit rates and total costs were not changed for Christensen Ranch, Mine Units 2-6, as the work is completed; and it is doubtful that the entire restoration program for each wellfield would be repeated if more restoration should be required by an agency. And, the timing for decommissioning of wellfields at Christensen is lower than currently estimated, based on the work in Module 63 of Mine Unit 6. For Christensen Ranch Mine Unit 7 the reverse osmosis phase has been placed at 10 PV.
- Consistent with the revised bonding estimate the costs have been inflated from September 2006 to June 2010 values.
- No other changes were made to the Table 1 format (no changes in contingencies, or miscellaneous additions to the bond).
- The overall difference from all the changes made to Worksheets 1 through 8 amounts to an overall change in the WDEQ bond amount of an increase of $3,263,954, and an increase of $3,089,250 to the NRC amount.

In summary, the new Grand Total restoration and reclamation cost for WDEQ is $12,530,009 The NRC estimate is $12,917,349 (NRC has not allowed any credit for the completion of groundwater sweep at Christensen Ranch as WDEQ has). We respectfully request that WDEQ approve the new bond amount of $12,530,009.

9. ADDITIONAL INFORMATION AS REQUESTED BY THE DIVISION:

A) Uranium One received a letter of violation (LOV - warning letter) during this report period. By letter dated April 30, 2010 the LOV was issued as a result of the first Quarter DMR not being received by the WDEQ-WQD by April 30. The DMR was completed and mailed prior to April 30th and receive at the WDEQ-WDQ office in Cheyenne on the following Monday, May 3, 2010. This matter was resolved immediately and no further action by the WDEQ-WQD was taken on this LOV after May 3rd. .

B) No orders occurred during this report period.

C) No permit stipulations occurred during the report period.

D) Other: The following additional information is provided to meet the reporting requirements of Section 5.10.1.1 and 5.10.1.2 of the 1996 Permit No. 478 Update Application:

1. GENERAL LOCATION MAPS
   General Location Maps showing the locations of monitor wells and wellfields in conjunction with past mining activities are located in Appendix 4.

2. WATER QUALITY MONITORING DATA
   Data were previously provided in Section 7. a).

3. PIEZOMETRIC MAPS
   Piezometric maps of the monitored aquifers shallow zone, ore zone and deep zone for Christensen Ranch project are included in Appendix 5. The maps were constructed using water level data from monitor wells and production wells where applicable. This data was collected during June 2010.

4. MECHANICAL INTEGRITY TESTING
   MIT results are reported to the WDEQ on a quarterly basis. Six hundred and three (603) MITs were completed during the report period with twenty (20) wells failing the test. The data is provided as Table 4 in Appendix 1.

5. DRILL HOLES AND ABANDONED WELLS
   A total of 229 holes were drilled with 40 of them being completed as cased wells. Abandonment of the remaining holes is ongoing at the time of this report. No cased wells were plugged and abandoned at the Christensen site for (MIT) failures.

APPENDIX 1

APPENDIX 1

Tables 1 through 4

Table 1 – Regional Groundwater (Ranch Wells)

Table 2 – Surface Water

Table 3 – Waste Ponds

Table 4 - Mechanical Integrity Testing Summary

Table 1

Uranium One USA, Inc. - Irigaray and Christensen Ranch Projects
2010 Annual Report
Sample Type: Regional Groundwater (Ranch Wells) -Quarterly Samples

Sample Location: Christensen Ranch House #3				
	3rd quarter August 17, 2009	4th quarter November 11, 2009	1st quarter March 18, 2010	2nd quarter June 23, 2010
Radionuclide	(uCi/ml)	(uCi/ml)	(uCi/ml)	(uCi/ml)
Uranium	2.7E-08	5.1E-09		1.4E-11
Thorium-230	1.0E-11	1.0E-11		N/D
Radium-226	1.4E-09	1.3E-09	NO SAMPLE	8.2E-10+/-1.4E-10
Lead-210	1.0E-09	1.0E-17		N/D
Polonium-210	5.0E-10	1.0E-10		N/D

Sample Location: Christensen Middle Artesian				
	3rd quarter August 17,2009	4th quarter November 11,2009	1st quarter March 18, 2010	2nd quarter June 23, 2010
Radionuclide	(uCi/ml)	(uCi/ml)	(uCi/ml)	(uCi/ml)
Uranium	1.0E-08	1.5E-09	N/D	N/D
Thorium-230	2.0E-11	4.0E-11	-1.0E-11	N/D
Radium-226	6.8E-10	3.8E-10	1.1E-10	N/D
Lead-210	3.3E-09	7.0E-10	-2.0E-10	N/D
Polonium-210	1.6E-09	3.0E-10	-6.0E-11	N/D

Sample Location: Christensen Ellendale #4				
	3rd quarter August 17, 2009	4th quarter November 11, 2009	1st quarter March 18, 2010	2nd quarter June 23, 2010
Radionuclide	(uCi/ml)	(uCi/ml)	(uCi/ml)	(uCi/ml)
Uranium	N/D	3.0E-10	6.0E-10	6.8E-13
Thorium-230	1.0E-17	3.0E-12	-3.0E-12	6.8E-10+/-1.9E-10
Radium-226	1.2E-09	1.7E-09	2.4E-10	2.6E-10+/-8E-11
Lead-210	1.3E-09	1.0E-18	2.0E-10	N/D
Polonium-210	1.3E-09	3.0E-10	-4.0E-11	N/D

Sample Location: Christensen Del Gulch Lower #13				
	3rd quarter August 17,2009	4th quarter November 11,2009	1st quarter March 18, 2010	2nd quarter June 23, 2010
Radionuclide	(uCi/ml)	(uCi/ml)	(uCi/ml)	(uCi/ml)
Uranium				N/D
Thorium-230				N/D
Radium-226	NO SAMPLE	NO SAMPLE	NO SAMPLE	N/D
Lead-210				N/D
Polonium-210				N/D

Sample Location: Christensen Willow Corral #32				
	3rd quarter August 17, 2009	4th quarter November 11, 2009	1st quarter March 18, 2010	2nd quarter June 23, 2010
Radionuclide	(uCi/ml)	(uCi/ml)	(uCi/ml)	(uCi/ml)
Uranium	N/D		N/D	
Thorium-230	1.0E-10		-1.0E-11	
Radium-226	1.0E-10	NO SAMPLE	2.1E-10	NO SAMPLE
Lead-210	1.0E-07		4.0E-10	
Polonium-210	1.0E-11		-6.0E-11	

Sample Location: Christensen First Artesian Well #1				
	3rd quarter August 17,2009	4th quarter November 11,2009	1st quarter March 18, 2010	2nd quarter June 23, 2010
Radionuclide	(uCi/ml)	(uCi/ml)	(uCi/ml)	(uCi/ml)
Uranium	8.0E-10	4.2E-09		1.2E-11
Thorium-230	4.0E-11	2.0E-11		N/D
Radium-226	1.6E-10	1.0E-09	NO SAMPLE	N/D
Lead-210	5.0E-10	6.4E-09		N/D
Polonium-210	8.0E-10	1.4E-09		N/D

Sample Location: Irigaray Willow # 2				
	3rd quarter August 17, 2009	4th quarter November 11, 2009	1st quarter March 18, 2010	2nd quarter June 23, 2010
Radionuclide	(uCi/ml)	(uCi/ml)	(uCi/ml)	(uCi/ml)
Uranium		N/D		N/D
Thorium-230		9.0E-11		7.5E-10+/-2.4E-10
Radium-226	NO SAMPLE	2.0E-10	NO SAMPLE	N/D
Lead-210		N/D		N/D
Polonium-210		2.0E-10		N/D

LLD	N/D = NON DETECTABLE
(uCi/ml)	
2.0^{E-9}	Uranium
0.2^{E-9}	Thorium-230
0.2^{E-9}	Radium-226
2.7^{E-9}	Lead-210
2.7^{E-9}	Polonium-210

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Uranium One USA, Inc. Irigaray and Christensen Ranch Projects
2010 Annual Report
Sample Type: Surface Water,3rd Quarterly Samples, August 17, 2009
Sample Location: Irigaray Project

Note: ND = Non Detectable

Radionuclide	Willow Creek IR-9 Downstream (uCi/ml)	Willow Creek IR-14 Upstream (uCi/ml)	Willow Creek IR-17 Mine Site (uCi/ml)	Powder River IR-5 Ranch Site (uCi/ml)	LLD (uCi/ml)	10 CFR 20 Appendix B Effluent Limit (uCi/ml)
Uranium)	No Sample	8.1E-09	3.09E-11	Annual Sample	0.2 E-9	3.0 E-07
Thorium-230		3.00E-10	1.00E-10		0.2 E-9	1.0 E-07
Radium-226		2.40E-09	7.60E-10		0.2 E-9	6.0 E-08
Lead-210		1.00E-10	3.00E-10		2.7 E-9	1.0 E-08
Polonium-210		6.00E-10	3.00E-10		2.7 E-9	4.0 E-08
Chemical Parameters						
Total Alkalinity mg/L		1050	671		1.0	N/A
Chloride mg/L		19	19.0		1.0	N/A
TDS mg/L		2790	2430		10	N/A
Specific Conductivity umhos/cm		4060	3440		1.0	N/A
Sulfate mg/L		1250	1270		6	N/A
pH s.u.		8.48	8.06		0.01	N/A
Arsenic mg/L		0.005	0.005		0.001	N/A
Selenium mg/L		0.001	N/D		0.001	N/A
Estimated Flow Rate:	Dry	Low	Low			

Low = <5 cfs
Medium = 5 - 50 cfs
High = > 50 cfs

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Uranium One USA, Inc. Irigaray and Christensen Ranch Projects
2010 Annual Report
Sample Type: Surface Water,3rd Quarterly Samples, August 17, 2009
Sample Location: Christensen Ranch Project

Note: ND = Non Detectable

Radionuclide	Willow Creek GS-01 Downstream (uCi/ml)	Willow Creek CG-05 Upstream (uCi/ml)	Willow Creek GS-03 Mine Site (uCi/ml)	LLD (uCi/ml)	10 CFR 20 Appendix B Effluent Limit (uCi/ml)
Uranium	No Sample	1.30E-08	3.10E-09	0.2 E-9	3.0 E-07
Thorium-230		1.00E-17	2.00E-10	0.2 E-9	1.0 E-07
Radium-226		1.00E-10	1.00E-10	0.2 E-9	6.0 E-08
Lead-210		5.00E-10	5.00E-10	2.7 E-9	1.0 E-08
Polonium-210		1.00E-15	3.00E-10	2.7 E-9	4.0 E-08
Chemical Parameters					
Total Alkalinity mg/L		319	62	1.0	N/A
Chloride mg/L		13.0	1	1.0	N/A
TDS mg/L		2230	323	10	N/A
Specific Conductivity umhos/cm		2760	437	1.0	N/A
Sulfate mg/L		1360	156	30	N/A
pH s.u.		8.07	7.5	0.01	N/A
Arsenic mg/L		0.003	0.003	0.002	N/A
Selenium mg/L		N/D	0.002	0.005	N/A
Estimated Flow Rate:	Dry	Low	Low		

Low = <5 cfs
Medium = 5 - 50 cfs
High = > 50 cfs

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Uranium One USA, Inc. Irigaray and Christensen Ranch Projects
2010 Annual Report
Sample Type: Surface Water,4th Quarterly Samples, November 11, 2009
Sample Location: Irigaray Project

Note: ND = Non Detectable

Radionuclide	Willow Creek IR-9 Downstream (uCi/ml)	Willow Creek IR-14 Upstream (uCi/ml)	Willow Creek IR-17 Mine Site (uCi/ml)	Powder River IR-5 Ranch Site (uCi/ml)	LLD (uCi/ml)	10 CFR 20 Appendix B Effluent Limit (uCi/ml)
Uranium)	No Sample	3.0E-09	1.23E-08	Annual Sample	0.2 E-9	3.0 E-07
Thorium-230		2.00E-10	6.00E-11		0.2 E-9	1.0 E-07
Radium-226		6.00E-11	1.00E-12		0.2 E-9	6.0 E-08
Lead-210		1.00E-10	1.00E-16		2.7 E-9	1.0 E-08
Polonium-210		6.00E-11	1.00E-10		2.7 E-9	4.0 E-08
Chemical Parameters						
Total Alkalinity mg/L		2130	1200		1.0	N/A
Chloride mg/L		11	38.0		1.0	N/A
TDS mg/L		2230	2690		10	N/A
Specific Conductivity umhos/cm		3440	3770		1.0	N/A
Sulfate mg/L		33	1020		6	N/A
pH s.u.		8.76	8.24		0.01	N/A
Arsenic mg/L		0.004	0.003		0.001	N/A
Selenium mg/L		N/D	N/D		0.001	N/A
Estimated Flow Rate:	Dry	Low	Low			

Low = <5 cfs
Medium = 5 - 50 cfs
High = > 50 cfs

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Uranium One USA, Inc. Irigaray and Christensen Ranch Projects
2010 Annual Report
Sample Type: Surface Water,4th Quarterly Samples, November 11, 2009
Sample Location: Christensen Ranch Project

Note: ND = Non Detectable

Radionuclide	Willow Creek GS-01 Downstream (uCi/ml)	Willow Creek CG-05 Upstream (uCi/ml)	Willow Creek GS-03 Mine Site (uCi/ml)	LLD (uCi/ml)	10 CFR 20 Appendix B Effluent Limit (uCi/ml)
Uranium	No Sample	1.77E-08	No Sample	0.2 E-9	3.0 E-07
Thorium-230		1.00E-11		0.2 E-9	1.0 E-07
Radium-226		1.80E-10		0.2 E-9	6.0 E-08
Lead-210		1.00E-11		2.7 E-9	1.0 E-08
Polonium-210		1.00E-10		2.7 E-9	4.0 E-08
Chemical Parameters					
Total Alkalinity mg/L		345		1.0	N/A
Chloride mg/L		13.0		1.0	N/A
TDS mg/L		2300		10	N/A
Specific Conductivity umhos/cm		2800		1.0	N/A
Sulfate mg/L		1380		30	N/A
pH s.u.		8.04		0.01	N/A
Arsenic mg/L		0.003		0.002	N/A
Selenium mg/L		N/D		0.005	N/A
Estimated Flow Rate:	Dry	Low	Dry		

Low = <5 cfs
Medium = 5 - 50 cfs
High = > 50 cfs

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Uranium One USA, Inc. Irigaray and Christensen Ranch Projects
2010 Annual Report
Sample Type: Surface Water,1st Quarterly Samples, March 18, 2010
Sample Location: Irigaray Project

Note: ND = Non Detectable

Radionuclide	Willow Creek IR-9 Downstream (uCi/ml)	Willow Creek IR-14 Upstream (uCi/ml)	Willow Creek IR-17 Mine Site (uCi/ml)	Powder River IR-5 Ranch Site (uCi/ml)	LLD (uCi/ml)	10 CFR 20 Appendix B Effluent Limit (uCi/ml)
Uranium	5.7E-11	4.3E-12	1.80E-10	Annual Sample	0.2 E-9	3.0 E-07
Thorium-230	1.0E-11	2.00E-11	9.00E-11		0.2 E-9	1.0 E-07
Radium-226	5.2E-10	5.00E-10	2.50E-10		0.2 E-9	6.0 E-08
Lead-210	6.0E-10	1.10E-09	7.00E-10		2.7 E-9	1.0 E-08
Polonium-210	2.0E-10	4.00E-10	2.00E-10		2.7 E-9	4.0 E-08
Chemical Parameters						
Total Alkalinity mg/L	430	1910	750		1.0	N/A
Chloride mg/L	109	12	19.0		1.0	N/A
TDS mg/L	4490	2300	2570		10	N/A
Specific Conductivity umhos/cm	5180	3380	3400		1.0	N/A
Sulfate mg/L	2730	288	1300		6	N/A
pH s.u.	8.14	8.46	8.09		0.01	N/A
Arsenic mg/L	0.002	0.002	0.001		0.001	N/A
Selenium mg/L	0.002	N/D	0.036		0.001	N/A
Estimated Flow Rate:	Low	Low	Low			

Low = <5 cfs
Medium = 5 - 50 cfs
High = > 50 cfs

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Uranium One USA, Inc. Irigaray and Christensen Ranch Projects
2010 Annual Report
Sample Type: Surface Water,1st Quarterly Samples, March 18, 2010
Sample Location: Christensen Ranch Project

Note: ND = Non Detectable

Radionuclide	Willow Creek GS-01 Downstream (uCi/ml)	Willow Creek CG-05 Upstream (uCi/ml)	Willow Creek GS-03 Mine Site (uCi/ml)	LLD (uCi/ml)	10 CFR 20 Appendix B Effluent Limit (uCi/ml)
Uranium	No Sample	2.20E-11	2.40E-11	0.2 E-9	3.0 E-07
Thorium-230		7.00E-11	7.00E-11	0.2 E-9	1.0 E-07
Radium-226		2.70E-10	3.50E-10	0.2 E-9	6.0 E-08
Lead-210		8.00E-10	8.00E-10	2.7 E-9	1.0 E-08
Polonium-210		1.00E-10	1.00E-10	2.7 E-9	4.0 E-08
Chemical Parameters					
Total Alkalinity mg/L		342	491	1.0	N/A
Chloride mg/L		11.0	52	1.0	N/A
TDS mg/L		1930	5210	10	N/A
Specific Conductivity umhos/cm		2380	5900	1.0	N/A
Sulfate mg/L		1080	3310	30	N/A
pH s.u.		7.8	7.93	0.01	N/A
Arsenic mg/L		0.002	0.002	0.002	N/A
Selenium mg/L		N/D	N/D	0.005	N/A
Estimated Flow Rate:	Dry				

Low = <5 cfs
Medium = 5 - 50 cfs
High = > 50 cfs

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Uranium One USA, Inc. Irigaray and Christensen Ranch Projects
2010 Annual Report
Sample Type: Surface Water,2nd Quarterly Samples, June 23, 2010
Sample Location: Irigaray Project

Note: ND = Non Detectable

Radionuclide	Willow Creek IR-9 Downstream (uCi/ml)	Willow Creek IR-14 Upstream (uCi/ml)	Willow Creek IR-17 Mine Site (uCi/ml)	Powder River IR-5 Ranch Site (uCi/ml)	LLD (uCi/ml)	10 CFR 20 Appendix B Effluent Limit (uCi/ml)
Uranium	N/D	N/D	N/D	2.70E-12	0.2 E-9	3.0 E-07
Thorium-230	N/D	N/D	N/D	N/D	0.2 E-9	1.0 E-07
Radium-226	N/D	N/D	N/D	N/D	0.2 E-9	6.0 E-08
Lead-210	1.E-09	2.30E-09	N/D	N/D	2.7 E-9	1.0 E-08
Polonium-210	N/D	N/D	N/D	N/D	2.7 E-9	4.0 E-08
Chemical Parameters						
Total Alkalinity mg/L	288	2060	514	158	1.0	N/A
Chloride mg/L	108	6	19.0	44	1.0	N/A
TDS mg/L	5680	2380	3410	760	10	N/A
Specific Conductivity umhos/cm	5970	3260	4010	1070	1.0	N/A
Sulfate mg/L	3680	69	1960	287	6	N/A
pH s.u.	8.3	8.8	8.3	8.3	0.01	N/A
Arsenic mg/L	N/D	N/D	N/D	N/D	0.001	N/A
Selenium mg/L	0.009	N/D	N/D	N/D	0.001	N/A
Estimated Flow Rate:	Low	Low	Low	High		

Low = <5 cfs
Medium = 5 - 50 cfs
High = > 50 cfs

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Uranium One USA, Inc. Irigaray and Christensen Ranch Projects
2010 Annual Report
Sample Type: Surface Water,2nd Quarterly Samples, June 23, 2010
Sample Location: Christensen Ranch Project

Note: ND = Non Detectable

Radionuclide	Willow Creek GS-01 Downstream (uCi/ml)	Willow Creek CG-05 Upstream (uCi/ml)	Willow Creek GS-03 Mine Site (uCi/ml)	LLD (uCi/ml)	10 CFR 20 Appendix B Effluent Limit (uCi/ml)
Uranium	No Sample	N/D	N/D	0.2 E-9	3.0 E-07
Thorium-230		N/D	N/D	0.2 E-9	1.0 E-07
Radium-226		N/D	N/D	0.2 E-9	6.0 E-08
Lead-210		N/D	2.60E-09	2.7 E-9	1.0 E-08
Polonium-210		N/D	N/D	2.7 E-9	4.0 E-08
Chemical Parameters					
Total Alkalinity mg/L		372	429	1.0	N/A
Chloride mg/L		9.0	41	1.0	N/A
TDS mg/L		2570	6490	10	N/A
Specific Conductivity umhos/cm		2850	6540	1.0	N/A
Sulfate mg/L		1370	4030	30	N/A
pH s.u.		8.3	8.2	0.01	N/A
Arsenic mg/L		N/D	N/D	0.002	N/A
Selenium mg/L		N/D	0.009	0.005	N/A
Estimated Flow Rate:	Dry	Low	Low		

Low = <5 cfs
Medium = 5 - 50 cfs
High = > 50 cfs

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Uranium One USA, Inc. -- Irigaray and Christensen Ranch Projects
2010 Annual Report
Sample Type: Waste Ponds (quarterly)
Sample Date: August 18, 2009

NOTE: IR PONDS A,C,D,E,& RA ARE EMPTY & IN DECOMISS.
NOTE: ND= NON DETECTABLE

Pond ID #	IR-A	IR-B	IR-C	IR-D
Sulfate (mg/l)		9,530		
Chloride (mg/l)		404,000		
NH4 as N (mg/l)		0.7		
NO3 & NO2 as N (mg/l)		0.17		
TDS (mg/l)		314,000		
Conductivity		198,000		
pH		8.3		
Zinc (mg/l)		1.4		
Uranium (mg/l)		201		
Radium 226 (pCi/l)		131.0±9.3		

Pond ID #	IR-E	IR-RA	IR-RB	CR-P1 perm
Sulfate (mg/l)			19,300	Dry
Chloride (mg/l)			32,700	
NH4 as N (mg/l)			N/D	
NO3 & NO2 as N (mg/l)			0.13	
TDS (mg/l)			79,700	
Conductivity			40,900	
pH			9.5	
Zinc (mg/l)			1.34	
Uranium (mg/l)			300	
Radium 226 (pCi/l)			N/D	

Pond ID #	CR-1	CR-2	CR-3	CR-4
Sulfate (mg/l)	1,730	6,600	10,500	6,290
Chloride (mg/l)	696	19,100	91,700	74,800
NH4 as N (mg/l)	N/D	N/D	N/D	0.2
NO3 & NO2 as N (mg/l)	N/D	N/D	0.08	0.1
TDS (mg/l)	6,940	27,400	98,100	87,800
Conductivity	8,370	37,000	115,000	106,000
pH	9.6	9.5	9.3	9
Zinc (mg/l)	1.21	1.02	1.03	1.07
Uranium (mg/l)	19.3	22	47.7	20.5
Radium 226 (pCi/l)	205±11	60.2±6.8	57.7±6.3	133.3±9.3

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Uranium One USA, Inc. -- Irigaray and Christensen Ranch Projects
2010 Annual Report
Sample Type: Waste Ponds (quarterly)
Sample Date: November 11, 2009

NOTE: IR PONDS A,C,D,E,& RA ARE EMPTY & IN DECOMISS.
NOTE: ND=NON DETECTABLE

Pond ID #	IR-A	IR-B	IR-C	IR-D
Sulfate (mg/l)		4,680		
Chloride (mg/l)		196,000		
NH4 as N (mg/l)		2.12		
NO3 & NO2 as N (mg/l)		N/D		
TDS (mg/l)		263,000		
Conductivity		247,000		
pH		8.81		
Zinc (mg/l)		0.07		
Uranium (mg/l)		157		
Radium 226 (pCi/l)		152±2.4		

Pond ID #	IR-E	IR-RA	IR-RB	CR-P1 perm.
Sulfate (mg/l)			19,500	DRY
Chloride (mg/l)			29,300	
NH4 as N (mg/l)			0.71	
NO3 & NO2 as N (mg/l)			N/D	
TDS (mg/l)			76,400	
Conductivity			91,600	
pH			9.7	
Zinc (mg/l)			0.1	
Uranium (mg/l)			398	
Radium 226 (pCi/l)			21±.96	

Pond ID #	CR-1	CR-2	CR-3	CR-4
Sulfate (mg/l)	2,790	4,750	3,700	7,600
Chloride (mg/l)	1,190	14,000	24,800	67,000
NH4 as N (mg/l)	0.81	1	0.12	0.82
NO3 & NO2 as N (mg/l)	N/D	N/D	N/D	0.1
TDS (mg/l)	9,010	29,600	43,800	106,000
Conductivity	12,000	43,600	65,200	141,000
pH	9.5	9.36	9.01	8.3
Zinc (mg/l)	0.06	0.1	0.04	0.06
Uranium (mg/l)	31.8	30.2	28.5	33.9
Radium 226 (pCi/l)	104±3.1	46±1.5	87±1.7	136±1.9

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Uranium One USA, Inc. -- Irigaray and Christensen Ranch Projects
2010 Annual Report
Sample Type: Waste Ponds (quarterly)
Sample Date: March 17, 2010

NOTE: IR PONDS A,C,D,E,& RA ARE EMPTY & IN DECOMISS.
NOTE: ND= NON DETECTABLE

Pond ID #	IR-A	IR-B	IR-C	IR-D
Sulfate (mg/l)		5,440		
Chloride (mg/l)		275,000		
NH4 as N (mg/l)		0.6		
NO3 & NO2 as N (mg/l)		0.69		
TDS (mg/l)		322,000		
Conductivity		160,000		
pH		8.1		
Zinc (mg/l)		N/D		
Uranium (mg/l)		164		
Radium 226 (pCi/l)		95.2±5.5		

Pond ID #	IR-E	IR-RA	IR-RB	CR-P1 perm
Sulfate (mg/l)			11,500	Dry
Chloride (mg/l)			30,300	
NH4 as N (mg/l)			N/D	
NO3 & NO2 as N (mg/l)			0.05	
TDS (mg/l)			89,700	
Conductivity			59,700	
pH			9.4	
Zinc (mg/l)			N/D	
Uranium (mg/l)			292	
Radium 226 (pCi/l)			2.90±0.98	

Pond ID #	CR-1	CR-2	CR-3	CR-4
Sulfate (mg/l)	1,160	1,540	228	278
Chloride (mg/l)	515	4,330	1,120	1,570
NH4 as N (mg/l)	0.3	N/D	N/D	N/D
NO3 & NO2 as N (mg/l)	N/D	N/D	N/D	N/D
TDS (mg/l)	5,180	14,800	2,710	3,900
Conductivity	5,660	17,300	3,880	5,280
pH	9.3	9.3	8.5	8.6
Zinc (mg/l)	N/D	N/D	N/D	N/D
Uranium (mg/l)	14.1	10.1	2.48	3.29
Radium 226 (pCi/l)	77.9±4.8	27.8±2.9	41.8±3.7	67.6±4.5

TABLE 3 (Page 4 of 4)

Uranium One USA, Inc. -- Irigaray and Christensen Ranch Projects
2010 Annual Report
Sample Type: Waste Ponds (quarterly)
Sample Date: June 10, 2010

NOTE: IR PONDS A,C,D,E,& RA ARE EMPTY & IN DECOMISS.
NOTE: ND=NON DETECTABLE

Pond ID #	IR-A	IR-B	IR-C	IR-D
Sulfate (mg/l)		3,590		
Chloride (mg/l)		172,000		
NH4 as N (mg/l)		0.6		
NO3 & NO2 as N (mg/l)		N/D		
TDS (mg/l)		301,000		
Conductivity		222,000		
pH		8.3		
Zinc (mg/l)		0.27		
Uranium (mg/l)		140		
Radium 226 (pCi/l)		68.6±3.4		

Pond ID #	IR-E	IR-RA	IR-RB	CR-P1 perm.
Sulfate (mg/l)			9,720	DRY
Chloride (mg/l)			15,200	
NH4 as N (mg/l)			N/D	
NO3 & NO2 as N (mg/l)			N/D	
TDS (mg/l)			51,600	
Conductivity			56,900	
pH			9.4	
Zinc (mg/l)			0.09	
Uranium (mg/l)			219	
Radium 226 (pCi/l)			1.91±0.64	

Pond ID #	CR-1	CR-2	CR-3	CR-4
Sulfate (mg/l)	2,790	3,310	1,630	1,480
Chloride (mg/l)	8,470	9,820	11,100	13,700
NH4 as N (mg/l)	N/D	0.1	N/D	N/D
NO3 & NO2 as N (mg/l)	N/D	N/D	N/D	N/D
TDS (mg/l)	21,700	25,800	23,900	27,500
Conductivity	30,600	35,200	35,000	39,800
pH	9.3	9.2	9	9.2
Zinc (mg/l)	0.58	0.05	0.04	0.04
Uranium (mg/l)	22.6	25.8	14.1	42.7
Radium 226 (pCi/l)	84.8±4.0	89.2±4.0	60.4±3.4	232.1±6.6

Uranium One USA INC
Mechanical Integrity Testing

TABLE 4
ANNUAL REPORT 2010

WELL_ID	INTEGRITY	INT_DATE	CASING TYPE	BOTTOM CASING DEPTH	LOWER PACKER DEPTH	INITIAL PRESSURE	FINAL PRESSURE	PRESSURE LOSS	PERCENT LOSS
6M32-1	F	7/8/2009	PVC	555	550	168			
6M36-1	P	7/6/2009	PVC	550	540	168	158	10	6
6M34-1	P	7/6/2009	PVC	560	550	168	159	9	5
6M33-2	P	7/6/2009	PVC	565	555	168	158	10	6
6SM1	P	7/7/2009	PVC	282	270	168	160	8	5
6L36-1	P	7/7/2009	PVC	580	570	168	156	12	7
6DM1	P	7/7/2009	PVC	617	610	168	152	16	10
6N30-1	P	7/9/2009	PVC	556	550	168	154	14	8
6M29-1	P	7/9/2009	PVC	570	560	168	154	14	8
6N26-1	P	7/14/2009	PVC	562	550	168	154	14	8
6N23-2	P	7/14/2009	PVC	569	560	168	154	14	8
6N25-1	P	7/14/2009	PVC	562	550	168	152	16	10
6N27-1	P	7/14/2009	PVC	565	560	168	152	16	10
6P28-2	P	7/15/2009	PVC	536	530	168	154	14	8
6O24-1	P	7/15/2009	PVC	548	540	168	154	14	8
6O26-1	P	7/15/2009	PVC	551	540	168	156	12	7
6Q27-2	P	7/15/2009	PVC	536	530	168	152	16	10
6P25-1	P	7/15/2009	PVC	549	540	168	152	16	10
6S33-1	F	7/16/2009	PVC	508	500	168			
6R32-2	P	7/16/2009	PVC	516	510	168	152	16	10
6Q33-1	P	7/16/2009	PVC	525	510	168	156	14	8
6P32-1	P	7/16/2009	PVC	529	510	168	162	6	4
6Q29-2	P	7/16/2009	PVC	520	510	168	152	16	10
6R30-2	F	7/20/2009	PVC	530	520	168			
6T31-1	P	7/20/2009	PVC	500	490	168	160	8	5
6S30-1	P	7/20/2009	PVC	500	490	168	160	8	5
6R34-1	P	7/20/2009	PVC	505	500	168	156	12	7
6R31-2	P	7/20/2009	PVC	505	500	168	156	12	7

WELL_ID	INTEGRITY	INT_DATE	CASING TYPE	BOTTOM CASING DEPTH	LOWER PACKER DEPTH	INITIAL PRESSURE	FINAL PRESSURE	PRESSURE LOSS	PERCENT LOSS
6S34-1	F	7/21/2009	PVC	500	490	168			
6W37-2	P	7/21/2009	PVC	506	500	168	156	12	7
6T34-1	P	7/21/2009	PVC	492	480	168	154	14	8
6T35-1	P	7/21/2009	PVC	496	490	168	152	16	10
6T33-1	P	7/21/2009	PVC	500	480	168	158	10	6
6R22-1	P	7/22/2009	PVC	535	530	168	160	8	5
6R23-1	P	7/22/2009	PVC	530	520	168	154	14	8
6W35-1	P	7/22/2009	PVC	470	460	168	156	12	7
6W36-1	P	7/22/2009	PVC	498	490	168	160	8	5
6Y42-2	P	7/22/2009	PVC	462	450	168	160	8	5
6Y43-1	P	7/22/2009	PVC	471	460	168	158	10	6
6W38-2	P	7/22/2009	PVC	505	500	168	158	10	6
6U18-2	F	7/23/2009	PVC	515	510	168			
6T16-1	P	7/23/2009	PVC	520	510	168	156	12	7
6T15-1	P	7/23/2009	PVC	530	520	168	154	14	8
6S17-1	P	7/23/2009	PVC	541	530	168	154	14	8
6V21-1	P	7/26/2009	PVC	495	490	168	158	10	6
6V17-1	P	7/26/2009	PVC	520	510	168	156	12	7
6V19-1	P	7/26/2009	PVC	502	490	168	154	14	8
6R21-1	P	7/27/2009	PVC	550	510	168	154	14	8
6U22-1	P	7/27/2009	PVC	515	510	168	152	16	10
6R21-2	P	7/27/2009	PVC	541	530	168	152	16	10
6U24-1	P	7/29/2009	PVC	510	500	168	158	10	6
6V23-1	P	7/29/2009	PVC	493	490	168	160	8	5
6V22-2	P	7/29/2009	PVC	475	470	168	154	14	8
6U15-1	P	7/29/2009	PVC	520	500	168	164	4	2
6T17-1	P	7/29/2009	PVC	530	520	168	160	8	5
6S19-1	P	7/29/2009	PVC	551	540	168	156	12	7
6S22-1	P	7/29/2009	PVC	527	520	168	154	14	8
6S26-1	F	7/30/2009	PVC	499	490	168			
6T23-4	P	7/30/2009	PVC	520	510	168	158	10	6
6T25-1	P	7/30/2009	PVC	509	490	168	154	14	8
6S25-3	P	7/30/2009	PVC	512	500	168	156	12	7
6W29-2	P	8/3/2009	PVC	495	490	168	152	14	10

WELL_ID	INTEGRITY	INT_DATE	CASING TYPE	BOTTOM CASING DEPTH	LOWER PACKER DEPTH	INITIAL PRESSURE	FINAL PRESSURE	PRESSURE LOSS	PERCENT LOSS
6V28-2	P	8/3/2009	PVC	475	470	168	154	14	10
6V26-2	P	8/3/2009	PVC	478	470	168	152	14	10
6V25-1	P	8/3/2009	PVC	490	470	168	152	16	10
6V24-1	P	8/3/2009	PVC	482	470	168	158	10	6
6U20-2	P	8/3/2009	PVC	519	510	168	154	14	8
6U31-3	P	8/4/2009	PVC	492	480	168	152	16	10
6V32-2	P	8/4/2009	PVC	515	510	168	154	14	8
6W33-1	P	8/4/2009	PVC	485	470	168	154	14	8
6W34-1	P	8/4/2009	PVC	470	460	168	158	10	6
6X35-2	P	8/4/2009	PVC	460	450	168	158	10	6
6X33-1	P	8/4/2009	PVC	470	460	168	154	14	8
6W32-1	P	8/4/2009	PVC	480	470	168	158	10	6
6W31-1	P	8/4/2009	PVC	469	460	168	156	12	7
6S29-1	P	8/5/2009	PVC	510	500	168	154	14	8
6S27-1	P	8/5/2009	PVC	511	500	168	154	14	8
NPHW-5	P	8/5/2009	PVC	514	500	168	156	12	7
6T27-2	P	8/5/2009	PVC	504	490	168	152	16	10
6U28-2	P	8/5/2009	PVC	495	490	168	158	10	6
6U26-1	P	8/5/2009	PVC	493	480	168	158	10	6
6V27-1	P	8/5/2009	PVC	511	500	168	152	14	8
6V30-3	P	8/6/2009	PVC	505	500	168	156	14	8
6T29-1	P	8/6/2009	PVC	499	490	168	152	14	8
6T30-3	P	8/6/2009	PVC	492	480	168	156	12	7
6Z27-1	P	8/11/2009	PVC	485	480	168	160	8	5
6Y27-2	P	8/11/2009	PVC	495	490	168	158	10	6
6X25-1	P	8/11/2009	PVC	480	470	168	160	8	5
6W24-2	P	8/11/2009	PVC	483	470	168	152	16	10
6X23-1	P	8/11/2009	PVC	495	490	168	156	12	7
6X21-1	P	8/11/2009	PVC	495	490	168	158	10	6
6AA37-3	P	8/12/2009	PVC	465	460	168	158	10	6
6Z35-1	P	8/12/2009	PVC	470	460	168	156	12	7
6Y33-2	P	8/12/2009	PVC	472	460	168	158	10	6
6Z33-1	P	8/12/2009	PVC	475	470	168	156	12	7
6Z31-1	P	8/12/2009	PVC	475	470	168	164	4	2

WELL_ID	INTEGRITY	INT_DATE	CASING TYPE	BOTTOM CASING DEPTH	LOWER PACKER DEPTH	INITIAL PRESSURE	FINAL PRESSURE	PRESSURE LOSS	PERCENT LOSS
6Y31-1	P	8/12/2009	PVC	469	460	168	158	10	6
6Z29-1	P	8/12/2009	PVC	485	480	168	158	10	6
6X31-1	P	8/13/2009	PVC	445	430	168	152	16	10
6X27-2	P	8/13/2009	PVC	455	450	168	152	16	10
6X30-1	P	8/13/2009	PVC	450	440	168	154	14	8
6X29-1	P	8/13/2009	PVC	450	440	168	156	12	7
6Y36-1	P	8/13/2009	PVC	435	430	168	152	16	10
6W25-2	P	8/13/2009	PVC	458	450	168	154	14	8
6Y29-1	P	8/13/2009	PVC	499	490	168	156	12	7
6AA32-1	P	8/17/2009	PVC	490	480	168	152	16	10
6AA33-2	P	8/17/2009	PVC	470	460	168	160	8	5
6AA31-2	P	8/17/2009	PVC	485	460	168	152	16	10
6Z30-1	P	8/17/2009	PVC	480	470	168	156	12	7
6X26-1	P	8/17/2009	PVC	488	480	168	154	14	8
6W22-1	P	8/17/2009	PVC	495	490	168	154	14	8
6AD34-1	P	8/17/2009	PVC	485	480	168	158	10	6
6AE32-1	P	8/17/2009	PVC	500	490	168	162	6	4
6Z44-3	P	8/18/2009	PVC	455	450	168	160	8	5
6AB42-1	P	8/18/2009	PVC	445	440	168	156	10	6
6AA27-3	P	8/18/2009	PVC	498	490	168	158	10	6
NPHW-2	P	8/18/2009	PVC	508	490	168	154	14	8
6X28-1C	P	8/18/2009	PVC	470	460	168	154	14	8
6AE33-1	P	8/18/2009	PVC	500	490	168	162	6	4
6AA43-2	P	8/19/2009	PVC	460	450	168	160	8	5
6Z40-2	P	8/19/2009	PVC	455	440	168	154	14	8
6AA41-1	P	8/19/2009	PVC	489	480	168	160	8	5
6AA40-1	P	8/19/2009	PVC	470	460	168	156	12	7
6AB41-3	P	8/19/2009	PVC	455	440	168	160	8	5
6AC42-1	P	8/19/2009	PVC	475	470	168	158	10	6
6AD37-1	P	8/20/2009	PVC	475	470	168	158	10	6
6AF41-1	P	8/20/2009	PVC	470	460	168	162	6	4
6AF39-1	P	8/20/2009	PVC	490	480	168	160	8	5
6AE38-1	P	8/20/2009	PVC	480	470	168	156	12	7
6AE36-1	P	8/20/2009	PVC	485	480	168	162	6	4

WELL_ID	INTEGRITY	INT_DATE	CASING TYPE	BOTTOM CASING DEPTH	LOWER PACKER DEPTH	INITIAL PRESSURE	FINAL PRESSURE	PRESSURE LOSS	PERCENT LOSS
6AE35-1	P	8/20/2009	PVC	495	490	168	156	12	7
6AD33-1	P	8/24/2009	PVC	479	470	168	156	12	7
6AD32-1	P	8/26/2009	PVC	490	470	168	152	16	10
6AC34-1	P	8/26/2009	PVC	475	470	168	152	16	10
6AA38-1	F	8/27/2009	PVC	490	480				
6AC41-2	P	8/27/2009	PVC	480	470	168	160	8	5
6AC38-1	P	8/27/2009	PVC	463	450	168	154	14	8
6AC37-2	P	8/27/2009	PVC	470	460	168	156	12	7
6AC36-2	P	8/27/2009	PVC	470	460	168	156	12	7
6AC35-1	P	8/27/2009	PVC	472	470	168	156	10	6
6AD41-1	P	8/31/2009	PVC	465	460	168	156	12	7
6AA36-1	P	8/31/2009	PVC	490	480	168	160	8	5
6AD41-1	P	9/1/2009	PVC	458	450	168	154	14	8
6AD42-1	P	9/1/2009	PVC	463	460	168	152	16	10
NPHW-1	P	9/1/2009	PVC	478	470	168	156	12	7
6AD40-1	P	9/1/2009	PVC	465	460	168	156	12	7
6AD43-2	P	9/2/2009	PVC	475	470	168	152	16	10
6AC44-1	P	9/2/2009	PVC	478	470	168	152	16	10
6AD45-1	P	9/2/2009	PVC	478	470	168	154	14	8
6AC43-1	P	9/2/2009	PVC	475	470	168	158	10	6
6AD43-3	P	9/2/2009	PVC	475	450	168	158	10	6
6AD44-1	P	9/8/2009	PVC	455	450	168	160	8	5
6AD49-1	P	9/8/2009	PVC	447	440	168	158	10	6
6AE43-1	P	9/8/2009	PVC	462	450	168	156	12	7
6AE44-1	P	9/8/2009	PVC	485	480	168	160	8	5
6AD46-2	P	9/8/2009	PVC	464	450	168	158	10	6
6AD47-2	P	9/8/2009	PVC	447	440	168	158	10	6
6AF47-2	P	9/9/2009	PVC	500	490	168	166	2	1
6AE51-3	P	9/9/2009	PVC	465	460	168	152	16	10
6AE51-2	P	9/9/2009	PVC	457	450	168	158	10	6
6AE49-2	P	9/9/2009	PVC	460	450	168	158	10	6
6AD48-1	P	9/9/2009	PVC	464	450	168	158	10	6
6AF50-1	F	9/10/2009	PVC	475	470				
6AF42-1	P	9/10/2009	PVC	495	490	168	160	8	5

WELL_ID	INTEGRITY	INT_DATE	CASING TYPE	BOTTOM CASING DEPTH	LOWER PACKER DEPTH	INITIAL PRESSURE	FINAL PRESSURE	PRESSURE LOSS	PERCENT LOSS
6AF44-1	P	9/10/2009	PVC	485	480	168	164	4	2
6AG45-1	P	9/10/2009	PVC	490	480	168	160	8	5
6AH45-3	P	9/14/2009	PVC	490	480	168	156	12	7
6AG46-1	P	9/14/2009	PVC	500	490	168	152	16	10
6AG45-2	P	9/14/2009	PVC	495	490	168	160	8	5
6AG42-1	P	9/14/2009	PVC	495	490	168	164	4	2
6AG43-3	P	9/14/2009	PVC	505	500	168	156	12	7
6AF43-2	P	9/14/2009	PVC	460	450	168	160	8	5
6AG41-1	P	9/15/2009	PVC	495	480	168	156	12	7
6AG44-1	P	9/15/2009	PVC	506	500	168	162	6	4
6AH45-2	P	9/15/2009	PVC	480	470	168	154	14	8
6AH47-1	P	9/15/2009	PVC	490	480	168	162	6	4
6AH49-2	P	9/15/2009	PVC	480	470	168	156	12	7
6AG48-1	P	9/15/2009	PVC	485	480	168	158	10	6
6AG47-1	P	9/15/2009	PVC	490	480	168	158	10	6
6AK51-1	P	9/24/2009	PVC	457	450	168	152	16	10
6AJ52-1	P	9/24/2009	PVC	469	460	168	162	6	4
6AJ49-2	P	9/24/2009	PVC	465	460	168	162	6	4
6AI48-1	P	9/24/2009	PVC	485	480	168	160	8	5
6AI46-1	P	9/24/2009	PVC	486	480	168	162	6	4
6AH44-1	P	9/24/2009	PVC	460	450	168	160	8	5
6AI42-1	P	9/28/2009	PVC	450	440	168	160	8	5
6AJ43-1	P	9/28/2009	PVC	450	440	168	158	10	6
6AI36-1	P	9/28/2009	PVC	481	470	168	154	14	8
6AJ37-1	P	9/28/2009	PVC	475	470	168	154	14	8
6AJ40-2	P	9/28/2009	PVC	440	430	168	160	8	5
6AJ46-1	P	9/28/2009	PVC	352	340	168	158	10	6
6AJ41-1	P	9/29/2009	PVC	451	430	168	160	8	5
6AI44-1	P	9/29/2009	PVC	452	440	168	154	14	8
6AI43-1	P	9/29/2009	PVC	455	450	168	158	10	6
6AI37-1	F	9/30/2009	PVC	475	470	168			
6AH38-1	P	9/30/2009	PVC	475	470	168	160	8	5
6AI39-1	P	9/30/2009	PVC	478	470	168	154	14	8
6AI41-2	P	9/30/2009	PVC	473	460	168	158	10	6

WELL_ID	INTEGRITY	INT_DATE	CASING TYPE	BOTTOM CASING DEPTH	LOWER PACKER DEPTH	INITIAL PRESSURE	FINAL PRESSURE	PRESSURE LOSS	PERCENT LOSS
6AI40-1	P	9/30/2009	PVC	475	470	168	154	14	8
6AK33-1	P	10/1/2009	PVC	481	470	168	164	4	2
6AH42-1	P	10/1/2009	PVC	475	470	168	160	8	5
6AH41-2	P	10/1/2009	PVC	470	460	168	156	12	7
6AH40-2	P	10/1/2009	PVC	472	460	168	160	8	5
NPOW-1	P	10/1/2009	PVC	455	440	168	154	14	8
6AH39-1	P	10/1/2009	PVC	484	470	168	158	10	6
6AF46-1	P	10/9/2009	PVC	470	460	168	164	4	2
6AL33-1	F	10/13/2009	PVC	493	480	168			
6AL34-1	P	10/13/2009	PVC	480	470	168	156	12	7
6AM34-1	P	10/13/2009	PVC	492	480	168	154	14	8
6AN35-2	P	10/14/2009	PVC	400	390	168	164	4	2
6AL38-2	P	10/14/2009	PVC	478	470	168	158	10	6
6AM37-2	P	10/14/2009	PVC	473	470	168	160	8	5
6AM37-3	P	10/14/2009	PVC	480	470	168	154	14	8
6AQ29-3	P	10/15/2009	PVC	430	420	168	166	2	1
6AO30-2	P	10/15/2009	PVC	515	510	168	160	8	5
6AP31-2	P	10/15/2009	PVC	425	420	168	164	4	2
6AO30-1	P	10/15/2009	PVC	425	420	168	166	2	1
6AN33-1	P	10/15/2009	PVC	405	400	168	162	6	4
6AP35-1	P	10/20/2009	PVC	491	480	168	162	6	4
6AP34-1	P	10/20/2009	PVC	495	490	168	160	8	5
6AP33-2	P	10/20/2009	PVC	510	500	168	160	8	5
6AO34-2	P	10/20/2009	PVC	495	490	168	162	6	4
6AP30-2	P	10/20/2009	PVC	428	420	168	164	4	2
6AP39-1	P	10/21/2009	PVC	476	470	168	160	8	5
6AP38-2	P	10/21/2009	PVC	480	470	168	156	12	7
6AP36-1	P	10/21/2009	PVC	495	490	168	160	8	5
6AO37-1	P	10/21/2009	PVC	491	480	168	162	6	4
6AN37-1	P	10/21/2009	PVC	400	390	168	166	2	1
6AO36-4	P	10/21/2009	PVC	385	380	168	164	4	2
6AQ41-1	P	10/22/2009	PVC	415	410	168	160	8	5
6AP42-2	P	10/22/2009	PVC	468	460	168	162	6	4
6AN38-2	P	10/22/2009	PVC	482	470	168	164	4	2

WELL_ID	INTEGRITY	INT_DATE	CASING TYPE	BOTTOM CASING DEPTH	LOWER PACKER DEPTH	INITIAL PRESSURE	FINAL PRESSURE	PRESSURE LOSS	PERCENT LOSS
6AP45-2	P	10/26/2009	PVC	405	390	168	160	8	5
6AQ43-4	P	10/26/2009	PVC	470	460	168	162	6	4
6AM40-1	P	10/27/2009	PVC	495	490	168	160	8	5
6AM39-2	P	10/27/2009	PVC	377	370	168	162	6	4
6AM39-1	P	10/27/2009	PVC	471	470	168	160	8	5
6AO41-1	P	10/27/2009	PVC	470	460	168	162	6	4
6AN43-3	P	10/27/2009	PVC	468	460	168	166	4	2
6AN41-2	P	10/27/2009	PVC	497	490	168	162	6	4
6AM43-3	F	10/28/2009	PVC	374	360	168			
6AM43-3	F	10/28/2009	PVC	374	360	168			
6AL41-1	P	10/28/2009	PVC	470	460	168	162	6	4
6AL42-1	P	10/28/2009	PVC	381	370	168	160	8	5
6AN43-2	P	10/28/2009	PVC	485	480	168	164	4	2
6AM42-1	P	10/28/2009	PVC	372	360	168	164	4	2
6AM44-1	P	10/29/2009	PVC	465	460	168	160	8	5
6AL44-1	P	10/29/2009	PVC	376	370	168	166	2	1
6AM43-2	P	10/29/2009	PVC	480	470	168	162	6	4
6AK45-3	F	11/2/2009	PVC	355	350	168			
6AK45-1	P	11/2/2009	PVC	455	450	168	164	4	2
6AK44-1	P	11/2/2009	PVC	461	450	168	160	8	5
6AM45-1	P	11/2/2009	PVC	465	460	168	160	8	5
6AM46-1	P	11/3/2009	PVC	462	450	168	162	6	4
6AQ67-4	P	11/4/2009	PVC	444	430	168	162	6	4
6AL46-1	P	11/4/2009	PVC	456	450	168	164	4	2
6AE58-2	P	11/4/2009	PVC	358	350	168	162	6	4
6AQ61-5	P	11/4/2009	PVC	428	420	168	162	6	4
6AP64-2	P	11/4/2009	PVC	427	420	168	162	6	4
6AI73-4	P	11/5/2009	PVC	314	304	168	160	8	5
6AH71-4	P	11/5/2009	PVC	314	310	168	162	6	4
6AD64-2	P	11/5/2009	PVC	427	420	168	158	10	6
6AJ67-2	P	11/9/2009	PVC	324	320	168	158	10	6
6AJ69-2	P	11/9/2009	PVC	316	310	168	157	11	7
6AI69-3	P	11/9/2009	PVC	319	310	168	158	10	6
6AH70-5	P	11/9/2009	PVC	313	303	168	160	8	5

WELL_ID	INTEGRITY	INT_DATE	CASING TYPE	BOTTOM CASING DEPTH	LOWER PACKER DEPTH	INITIAL PRESSURE	FINAL PRESSURE	PRESSURE LOSS	PERCENT LOSS
6AF67-5	P	11/10/2009	PVC	324	320	168	162	6	4
6AG65-3	P	11/10/2009	PVC	349	340	168	158	10	6
6AG68-1	P	11/10/2009	PVC	336	330	168	154	14	8
6AF68-3	P	11/10/2009	PVC	345	340	168	164	4	2
6AE70-3	P	11/10/2009	PVC	294	290	168	160	8	5
6AE69-2	P	11/10/2009	PVC	298	290	168	160	8	5
6AM44-2	P	11/11/2009	PVC	470	460	168	166	2	1
6AI66-1	P	11/11/2009	PVC	340	330	168	166	2	1
6AH68-2	P	11/11/2009	PVC	337	330	168	162	6	4
6AH69-2	P	11/11/2009	PVC	334	320	168	162	6	4
6AH67-2	P	11/11/2009	PVC	332	320	168	164	4	2
6AE66-4	P	11/11/2009	PVC	349	340	168	158	10	6
6AE65-2	P	11/11/2009	PVC	335	330	168	162	6	4
6AE67-3	P	11/11/2009	PVC	325	320	168	160	8	5
6AJ63-3	F	11/12/2009	PVC	346	340	168			
6AI65-2	P	11/12/2009	PVC	344	330	168	156	12	7
6AJ65-4	P	11/12/2009	PVC	344	330	168	164	4	2
6AH63-3	P	11/12/2009	PVC	357	450	168	160	8	5
6AG63-2	P	11/12/2009	PVC	384	370	168	162	6	4
6AG61-2	P	11/12/2009	PVC	375	370	168	160	8	5
6AS43-3	P	11/16/2009	PVC	320	310	168	160	8	5
6AN44-2	P	11/16/2009	PVC	465	460	168	162	6	4
6AN45-4	P	11/16/2009	PVC	374	360	168	160	8	5
6AN45-2	P	11/16/2009	PVC	470	460	168	154	14	8
6AN45-3	P	11/16/2009	PVC	461	450	168	162	6	4
6AU43-4	P	11/17/2009	PVC	393	380	168	166	2	1
6AT51-1	P	11/17/2009	PVC	348	340	168	160	8	5
6AT49-2	P	11/17/2009	PVC	355	350	168	162	6	4
6AS48-3	P	11/17/2009	PVC	344	330	168	164	4	2
6AS47-1	P	11/17/2009	PVC	350	340	168	160	8	5
6AS46-2	P	11/17/2009	PVC	348	340	168	160	8	5
6AS47-2	P	11/17/2009	PVC	361	350	168	160	8	5
6AU51-2	P	11/18/2009	PVC	404	390	168	160	8	5
6AT48-4	P	11/18/2009	PVC	377	370	168	164	4	2

WELL_ID	INTEGRITY	INT_DATE	CASING TYPE	BOTTOM CASING DEPTH	LOWER PACKER DEPTH	INITIAL PRESSURE	FINAL PRESSURE	PRESSURE LOSS	PERCENT LOSS
6AS57-1	P	11/18/2009	PVC	445	440	168	152	16	10
6AU44-1	P	11/18/2009	PVC	382	370	168	158	10	6
6AT41-2	P	11/18/2009	PVC	377	370	168	162	6	4
6AT43-2	P	11/18/2009	PVC	379	370	168	156	12	7
6AT42-1	P	11/18/2009	PVC	384	370	168	160	8	5
6AS59-1	P	11/19/2009	PVC	448	440	168	160	8	5
6AT58-2	P	11/19/2009	PVC	394	380	168	160	8	5
6AT55-2	P	11/19/2009	PVC	360	350	168	162	6	4
6AU54-1	P	11/19/2009	PVC	452	440	168	158	10	6
6AT56-3	P	11/19/2009	PVC	455	450	168	160	8	5
6AT58-1	P	11/19/2009	PVC	460	450	168	162	6	4
6AK45-2	P	11/20/2009	PVC	355	350	168	162	6	4
6AO59-1	P	11/23/2009	PVC	376	370	168	160	8	5
6AN57-3	P	11/23/2009	PVC	380	370	168	162	6	4
6AM59-2	P	11/23/2009	PVC	376	370	168	164	4	2
6AM60-3	P	11/23/2009	PVC	376	370	168	162	6	4
6AR45-2	P	11/23/2009	PVC	390	380	168	162	6	4
6AR46-1	P	11/23/2009	PVC	382	370	168	160	8	5
6AR42-1	P	11/24/2009	PVC	350	340	168	154	14	8
7AR67-2	P	11/24/2009	PVC	433	420	168	162	6	4
7AS63-1	P	11/24/2009	PVC	400	395	168	162	6	4
7AT64-2	P	11/24/2009	PVC	437	430	168	160	8	5
7AT61-1	P	11/24/2009	PVC	444	430	168	156	12	7
6AM56-2	P	11/24/2009	PVC	391	380	168	166	2	1
6AM46-2	P	11/30/2009	PVC	465	460	168	162	6	4
6AM47-1	P	11/30/2009	PVC	461	450	168	166	2	1
6AM46-4	P	11/30/2009	PVC	377	370	168	160	8	5
6AM46-3	P	11/30/2009	PVC	465	460	168	160	8	5
6AK47-2	P	11/30/2009	PVC	366	360	168	158	10	6
6AM47-3	F	12/1/2009	PVC	368	360	168			
6AL48-1	P	12/1/2009	PVC	460	450	168	162	6	4
6AK46-1	P	12/1/2009	PVC	352	340	168	158	10	6
6AK47-1	P	12/1/2009	PVC	441	430	168	162	6	4
6AL43-1	P	12/1/2009	PVC	465	460	168	156	12	7

WELL_ID	INTEGRITY	INT_DATE	CASING TYPE	BOTTOM CASING DEPTH	LOWER PACKER DEPTH	INITIAL PRESSURE	FINAL PRESSURE	PRESSURE LOSS	PERCENT LOSS
6AN47-3	P	12/2/2009	PVC	375	370	168	160	8	5
6AN49-3	P	12/2/2009	PVC	361	350	168	166	2	1
6AM48-1	P	12/2/2009	PVC	461	450	168	164	4	2
6AM50-2	P	12/3/2009	PVC	361	350	168	164	4	2
6AM50-1	P	12/3/2009	PVC	475	470	168	156	12	7
6AM49-3	P	12/3/2009	PVC	461	450	168	158	10	6
6AN47-1	P	12/3/2009	PVC	485	480	168	158	10	6
6AN49-2	P	12/3/2009	PVC	485	480	168	160	8	5
6AN49-1	P	12/3/2009	PVC	370	360	168	164	4	2
6AO46-3	P	12/14/2009	PVC	453	440	168	158	10	6
6AO49-2	P	12/14/2009	PVC	375	370	168	162	6	4
6AN50-2	P	12/14/2009	PVC	503	490	168	160	8	5
6AO51-1	P	12/14/2009	PVC	501	490	168	162	6	4
6AN51-2	P	12/15/2009	PVC	486	480	168	162	6	4
6AP51-2	P	12/15/2009	PVC	473	460	168	166	2	1
6AP51-3	P	12/15/2009	PVC	397	390	168	160	8	5
6AQ47-1	P	12/15/2009	PVC	485	480	168	158	10	6
6AQ48-1	P	12/15/2009	PVC	485	480	168	160	8	5
6AO49-3	P	12/15/2009	PVC	450	440	168	167	6	4
6AM41-1	P	12/16/2009	PVC	380	370	168	158	10	6
6AO42-1	P	12/16/2009	PVC	463	450	168	162	6	4
6AP43-1	P	12/16/2009	PVC	412	400	168	160	8	5
6AP44-1	P	12/16/2009	PVC	470	460	168	156	12	7
6AQ46-2	P	12/16/2009	PVC	393	380	168	162	6	4
6AQ46-1	P	12/16/2009	PVC	468	465	168	156	12	7
6AP46-2	P	12/16/2009	PVC	471	460	168	160	8	5
6AQ45-1	P	12/16/2009	PVC	475	470	168	162	3	4
6AK47-3	P	12/17/2009	PVC	437	430	168	156	12	7
6AK48-2	P	12/17/2009	PVC	455	450	168	158	10	6
6AK48-3	P	12/17/2009	PVC	365	360	168	162	6	4
6AO33-2	P	12/21/2009	PVC	410	400	168	162	6	4
6AN34-2	P	12/21/2009	PVC	405	400	168	160	8	5
6AO47-3	P	12/21/2009	PVC	445	440	168	166	2	1
6AN40-2	P	12/21/2009	PVC	475	470	168	166	2	1

WELL_ID	INTEGRITY	INT_DATE	CASING TYPE	BOTTOM CASING DEPTH	LOWER PACKER DEPTH	INITIAL PRESSURE	FINAL PRESSURE	PRESSURE LOSS	PERCENT LOSS
6AO39-2	P	12/21/2009	PVC	475	470	168	162	6	4
6AQ43-3	P	12/21/2009	PVC	421	410	168	156	12	7
6AP42-3	P	12/21/2009	PVC	410	400	168	158	10	6
NPHW-3A	P	12/21/2009	PVC	501	490	168	166	2	1
6AP29-1	P	12/22/2009	PVC	425	420	168	166	2	1
6AO32-1	P	12/22/2009	PVC	510	500	168	166	2	1
6AO32-2	P	12/22/2009	PVC	420	410	168	162	6	4
6AP31-4	P	12/22/2009	PVC	521	510	168	158	10	6
6AP41-1	P	12/23/2009	PVC	470	460	168	160	8	5
6AL40-1	P	12/28/2009	PVC	477	470	168	152	16	5
6AK32-1	P	12/28/2009	PVC	495	490	168	160	8	5
6AM35-2	P	12/28/2009	PVC	485	480	168	158	10	6
6AM36-1	P	12/28/2009	PVC	485	480	168	156	12	7
6AN36-2	P	12/28/2009	PVC	405	400	168	160	8	5
6AD63-3	F	12/29/2009	PVC	370	360	168			
6AD60-3	P	12/29/2009	PVC	359	350	168	156	12	7
6AD61-1	P	12/29/2009	PVC	350	340	168	162	6	4
6AC62-1	P	12/29/2009	PVC	370	360	168	158	10	6
6AC66-3	P	12/29/2009	PVC	347	340	168	160	8	5
6AE64-3	P	12/29/2009	PVC	369	360	168	164	9	2
6AG64-2	P	12/31/2009	PVC	371	360	168	152	6	4
6AE62-2	P	12/31/2009	PVC	370	360	168	158	10	6
6AH61-2	P	12/31/2009	PVC	365	360	168	162	6	4
6AI63-3	P	12/31/2009	PVC	355	350	168	156	12	7
6AP37-1	P	12/31/2009	PVC	488	480	168	156	12	7
6AM49-1	P	2/9/2010	PVC	364	350	168	160	8	5
6AO55-4	P	2/9/2010	PVC	385	380	168	162	6	4
6AN53-1	P	2/9/2010	PVC	368	360	168	164	4	2
6AL49-1	P	2/9/2010	PVC	456	450	168	162	6	4
6AL52-3	P	2/9/2010	PVC	363	350	168	160	8	5
6AP58-3	P	2/24/2010	PVC	394	380	168	154	14	8
6AQ50-1	P	2/24/2010	PVC	480	470	168	166	2	1
6AQ54-1	P	2/24/2010	PVC	490	480	168	154	14	8
6AQ53-3	P	2/24/2010	PVC	408	400	168	162	6	4

WELL_ID	INTEGRITY	INT_DATE	CASING TYPE	BOTTOM CASING DEPTH	LOWER PACKER DEPTH	INITIAL PRESSURE	FINAL PRESSURE	PRESSURE LOSS	PERCENT LOSS
NPHW-7	P	2/24/2010	PVC	361	350	168	160	8	5
6AO56-4	P	2/24/2010	PVC	396	390	168	164	4	2
6AQ52-1	P	2/24/2010	PVC	485	480	168	162	6	4
6AM52-2	P	2/25/2010	PVC	370	360	168	160	8	5
6AL54-2	P	2/25/2010	PVC	390	380	168	158	10	6
6AQ56-1	P	2/25/2010	PVC	505	500	168	152	16	10
6AP59-2	P	2/25/2010	PVC	478	470	168	156	12	7
4N39-2	P	3/9/2010	PVC	446	430	168	162	6	4
4N38-1	F	3/10/2010	PVC	445	440	168			
4N40-2	P	3/10/2010	PVC	441	430	168	160	8	5
4N41-2	P	3/10/2010	PVC	351	340	168	164	4	2
4M42-2	P	3/10/2010	PVC	350	340	168	160	8	5
4M43-2	P	3/10/2010	PVC	422	410	168	162	6	4
4M38-3	P	3/10/2010	PVC	447	430	168	164	4	2
4N37-1	P	3/10/2010	PVC	443	430	168	162	6	4
4M35-2	P	3/11/2010	PVC	338	330	168	164	4	2
4M36-1	P	3/11/2010	PVC	443	430	168	164	4	2
4M34-1	P	3/11/2010	PVC	459	450	168	154	14	8
4M34-2	P	3/11/2010	PVC	350	340	168	158	10	6
4L33-1	P	3/11/2010	PVC	339	330	168	166	2	1
4L34-1	P	3/11/2010	PVC	373	360	168	158	10	6
4L34-2	P	3/11/2010	PVC	339	330	168	160	8	5
4L36-2	P	3/11/2010	PVC	342	330	168	162	6	4
4L35-1	P	3/11/2010	PVC	351	340	168	162	6	4
4M49-1	P	3/15/2010	PVC	420	410	168	164	4	2
4M50-1	P	3/15/2010	PVC	388	380	168	162	6	4
4M44-1	P	3/15/2010	PVC	421	410	168	164	4	2
4M43-3	P	3/15/2010	PVC	359	350	168	166	2	1
4L30-2	P	3/15/2010	PVC	418	410	168	162	6	4
4K32-2	P	3/15/2010	PVC	338	320	168	160	8	5
4M45-1	P	3/15/2010	PVC	426	410	168	166	2	1
4N51-4	P	3/15/2010	PVC	373	360	168	160	8	5
4J26-1	P	3/16/2010	PVC	371	360	168	160	8	5
4K25-1	P	3/16/2010	PVC	386	380	168	160	8	5

WELL_ID	INTEGRITY	INT_DATE	CASING TYPE	BOTTOM CASING DEPTH	LOWER PACKER DEPTH	INITIAL PRESSURE	FINAL PRESSURE	PRESSURE LOSS	PERCENT LOSS
4J27-2	P	3/16/2010	PVC	378	370	168	160	8	5
4L32-1	P	3/16/2010	PVC	377	370	168	156	12	7
4N29-1	P	3/16/2010	PVC	407	400	168	160	8	5
4M28-1	P	3/16/2010	PVC	404	390	168	154	14	8
4M29-2	P	3/16/2010	PVC	406	400	168	162	6	4
4M40-1	P	3/17/2010	PVC	350	340	168	162	6	4
4L31-2	P	3/17/2010	PVC	324	310	168	160	8	5
4L31-1	P	3/17/2010	PVC	379	370	168	158	10	6
4K28-1	P	3/17/2010	PVC	354	340	168	156	12	7
4K29-1	P	3/17/2010	PVC	360	350	168	152	16	10
4K27-2	P	3/17/2010	PVC	375	370	168	166	2	1
4S77-2	P	3/22/2010	PVC	391	380	168	160	8	5
4Q79-1	P	3/22/2010	PVC	406	400	168	162	6	4
4S79-2	P	3/22/2010	PVC	330	320	168	162	6	4
4S79-1	P	3/22/2010	PVC	393	380	168	158	10	6
4S80-1	P	3/22/2010	PVC	404	390	168	154	14	8
4S81-2	P	3/22/2010	PVC	343	330	168	164	4	2
4R83-1	P	3/22/2010	PVC	419	410	168	160	8	5
4R85-2	P	3/22/2010	PVC	465	460	168	160	8	5
4P77-2	F	3/23/2010	PVC	409	400	168			
4P78-2	P	3/23/2010	PVC	407	400	168	156	12	7
4O78-1	P	3/23/2010	PVC	448	440	168	164	4	2
4P79-2	P	3/23/2010	PVC	439	430	168	164	4	2
4P80-1	P	3/23/2010	PVC	341	330	168	160	8	5
4P80-2	P	3/23/2010	PVC	445	400	168	162	6	4
4Q79-2	P	3/23/2010	PVC	337	330	168	160	8	5
4R71-2	P	3/24/2010	PVC	391	380	168	162	6	4
4R73-2	P	3/24/2010	PVC	384	370	168	166	2	1
4Q73-1	P	3/24/2010	PVC	404	390	168	162	6	4
4Q75-3	P	3/24/2010	PVC	390	380	168	152	16	10
4P75-1	P	3/24/2010	PVC	421	410	168	160	8	5
4P76-1	P	3/24/2010	PVC	410	400	168	164	4	2
4Q77-2	P	3/24/2010	PVC	409	400	168	162	6	4
4R75-1	P	3/24/2010	PVC	389	380	168	162	6	4

WELL_ID	INTEGRITY	INT_DATE	CASING TYPE	BOTTOM CASING DEPTH	LOWER PACKER DEPTH	INITIAL PRESSURE	FINAL PRESSURE	PRESSURE LOSS	PERCENT LOSS
4P71-1	P	3/29/2010	PVC	392	380	168	164	4	2
4O73-2	P	3/29/2010	PVC	416	400	168	162	6	4
4P73-1	P	3/29/2010	PVC	403	390	168	154	14	8
4P74-1	P	3/29/2010	PVC	408	400	168	160	8	5
4P72-2	P	3/29/2010	PVC	393	380	168	156	12	7
4Q69-2	P	3/29/2010	PVC	387	380	168	164	4	2
4R69-1	P	3/29/2010	PVC	381	370	168	164	4	2
4P68-1	P	3/30/2010	PVC	403	390	168	160	8	5
4O68-1	P	3/30/2010	PVC	386	380	168	162	6	4
4P69-1	P	3/30/2010	PVC	394	380	168	158	10	6
4O70-1	P	3/30/2010	PVC	391	380	168	160	8	5
4O71-1	P	3/30/2010	PVC	387	380	168	166	2	1
4N70-1	P	3/30/2010	PVC	394	380	168	162	6	4
4O69-1	P	3/30/2010	PVC	408	400	168	162	6	4
4R80-1	P	4/5/2010	PVC	341	330	168	160	8	5
4R78-1	P	4/5/2010	PVC	387	380	168	164	4	2
4S78-1	P	4/5/2010	PVC	396	390	168	166	2	1
4R76-3	P	4/5/2010	PVC	387	380	168	162	6	4
4O66-1	P	4/5/2010	PVC	391	380	168	160	8	5
4O67-2	P	4/5/2010	PVC	405	400	168	162	6	4
4O67-3	P	4/5/2010	PVC	407	400	168	164	4	2
4P67-1	P	4/5/2010	PVC	398	390	168	162	6	4
4P78-1	P	4/12/2010	PVC	407	390	168	160	8	5
4R79-3	P	4/12/2010	PVC	328	320	168	162	6	4
4Q78-1	P	4/12/2010	PVC	411	400	168	164	4	2
4P70-1	P	4/12/2010	PVC	386	380	168	162	6	4
4O72-1	P	4/12/2010	PVC	385	380	168	160	8	5
4P77-3	P	4/12/2010	PVC	330	320	168	162	6	4
4P65-2	P	4/13/2010	PVC	386	380	168	162	6	4
4O63-2	P	4/13/2010	PVC	387	380	168	164	4	2
4P63-1	P	4/15/2010	PVC	393	380	168	164	4	2
4N54-1	P	4/15/2010	PVC	361	350	168	164	4	2
4O55-2	P	4/15/2010	PVC	370	360	168	162	6	4
4N57-2	P	4/15/2010	PVC	380	370	168	160	8	5

WELL_ID	INTEGRITY	INT_DATE	CASING TYPE	BOTTOM CASING DEPTH	LOWER PACKER DEPTH	INITIAL PRESSURE	FINAL PRESSURE	PRESSURE LOSS	PERCENT LOSS
4N53-2	P	4/15/2010	PVC	360	350	168	156	12	7
4N52-1	P	4/15/2010	PVC	363	350	168	160	8	5
4O60-1	P	4/15/2010	PVC	417	410	168	166	2	1
4T99-1	P	4/19/2010	PVC	459	450	168	162	6	4
4S99-2	P	4/19/2010	PVC	495	490	168	160	8	5
4S99-3	P	4/19/2010	PVC	433	420	168	162	6	4
4S98-1	P	4/19/2010	PVC	495	490	168	164	4	2
4T97-2	P	4/19/2010	PVC	445	440	168	158	10	6
4T95-1	F	4/20/2010	PVC	470					
4T93-1	P	4/20/2010	PVC	458	450	168	160	8	5
4S93-2	P	4/20/2010	PVC	427	420	168	162	6	4
4S95-1	P	4/20/2010	PVC	478	470	168	160	8	5
4S97-1	P	4/20/2010	PVC	480	470	168	160	8	5
4U97-2	P	4/20/2010	PVC	468	460	168	162	6	4
4S87-1	P	4/21/2010	PVC	437	430	168	158	10	6
4S89-2	P	4/21/2010	PVC	457	450	168	162	6	4
4T89-1	P	4/21/2010	PVC	444	430	168	164	4	2
4U89-2	P	4/21/2010	PVC	477	470	168	158	10	6
4T91-1	P	4/21/2010	PVC	455	450	168	158	10	6
4S92-2	P	4/21/2010	PVC	460	450	168	160	8	5
4U93-2	P	4/21/2010	PVC	459	450	168	164	4	2
4U91-2	P	4/21/2010	PVC	474	465	168	163	5	3
4T96-2	P	4/21/2010	PVC	449	440	168	161	7	4
4T94-2	P	4/21/2010	PVC	480	470	168	158	10	6
4T87-1	P	4/21/2010	PVC	440	440	168	154	14	8
4S98-2	P	4/22/2010	PVC	442	430	168	158	10	6
4S96-2	P	4/22/2010	PVC	518	505	168	158	10	6
4S94-1	P	4/22/2010	PVC	433	420	168	157	11	7
4S94-3	P	4/22/2010	PVC	457	450	168	160	8	5
4S88-1	P	4/26/2010	PVC	440	430	168	160	8	5
4U83-1	P	4/27/2010	PVC	470	460	168	154	14	8
4S86-1	P	4/27/2010	PVC	432	420	168	160	8	5
4S84-1	P	4/27/2010	PVC	425	415	168	156	12	7
4S83-4	P	4/27/2010	PVC	418	410	168	158	10	6

WELL_ID	INTEGRITY	INT_DATE	CASING TYPE	BOTTOM CASING DEPTH	LOWER PACKER DEPTH	INITIAL PRESSURE	FINAL PRESSURE	PRESSURE LOSS	PERCENT LOSS
4T85-1	P	4/27/2010	PVC	429	420	168	153	15	9
4T81-1	P	4/27/2010	PVC	348	340	168	166	2	1
4T82-1	P	4/27/2010	PVC	451	440	168	158	10	6
4U81-2	P	4/27/2010	PVC	458	450	168	162	6	4
4T83-3	P	4/27/2010	PVC	449	440	168	160	8	5
4S85-1	P	4/27/2010	PVC	444	430	168	164	4	2
4T84-1	P	4/27/2010	PVC	457	450	168	152	16	10
4T88-1	P	4/28/2010	PVC	475	465	168	160	8	5
4T111-1	P	4/28/2010	PVC	461	450	168	158	10	6
4S112-1	P	4/28/2010	PVC	479	460	168	154	14	8
4T115-1	P	4/28/2010	PVC	448	440	168	156	12	7
4T90-1	P	4/28/2010	PVC	466	455	168	156	12	7
4S81-1	P	4/28/2010	PVC	394	385	168	158	10	6
4S108-1	P	5/3/2010	PVC	438	430	168	158	10	6
4S109-1	P	5/3/2010	PVC	444	430	168	430	10	6
4T109-1	P	5/3/2010	PVC	440	430	168	160	8	5
4U109-2	P	5/3/2010	PVC	503	490	168	162	6	4
4U111-2	P	5/3/2010	PVC	403	390	168	160	8	5
4T110-1	P	5/3/2010	PVC	406	400	168	164	4	2
4T79-1	P	5/3/2010	PVC	338	330	168	164	4	2
4T107-4	P	5/4/2010	PVC	420	410	168	162	6	4
4U117-2	P	5/4/2010	PVC	463	450	168	160	8	5
4U115-1	P	5/4/2010	PVC	469	460	168	160	8	5
4T107-3	P	5/4/2010	PVC	479	470	168	160	8	5
4U107-1	P	5/4/2010	PVC	371	360	168	156	12	7
4T105-2	P	5/17/2010	PVC	429	420	168	158	10	6
4T105-1	P	5/17/2010	PVC	454	440	168	160	8	5
4V109-2	P	5/17/2010	PVC	357	350	168	156	12	7
4W108-1	P	5/17/2010	PVC	363	350	168	152	16	10
4W107-2	P	5/17/2010	PVC	366	360	168	162	6	4
4X107-1	P	5/17/2010	PVC	366	360	168	162	6	4
4V105-1	P	5/17/2010	PVC	371	360	168	158	10	6
4V107-1	P	5/17/2010	PVC	378	370	168	164	4	2
4S102-1	F	5/18/2010	PVC	522	510				

WELL_ID	INTEGRITY	INT_DATE	CASING TYPE	BOTTOM CASING DEPTH	LOWER PACKER DEPTH	INITIAL PRESSURE	FINAL PRESSURE	PRESSURE LOSS	PERCENT LOSS
4T103-2	P	5/18/2010	PVC	517	510	168	160	8	5
4W103-1	P	5/18/2010	PVC	382	370	168	160	8	5
4W102-1	P	5/18/2010	PVC	379	370	168	164	4	2
4T101-1	P	5/18/2010	PVC	465	355	168	156	12	7
4T104-1	P	5/18/2010	PVC	476	460	168	158	10	6
4S95-2	P	5/18/2010	PVC	420	410	168	165	3	2
4R95-3	P	5/18/2010	PVC	415	400	168	163	5	3
4L7-1	P	5/19/2010	PVC	334	330	168	156	12	7
4L5-1	P	5/19/2010	PVC	350	340	168	160	8	5
4K7-1	P	5/19/2010	PVC	370	360	168	160	8	5
4J5-1	P	5/19/2010	PVC	411	400	168	158	10	6
4K9-1	F	5/20/2010	PVC	385	380				
4L9-1	P	5/20/2010	PVC	340	320	168	158	10	6
4D52-1	P	5/20/2010	PVC	375	360	168	164	4	2
4R87-1	P	5/20/2010	PVC	460	450	168	158	10	6
4R88-1	P	5/20/2010	PVC	447	430	168	162	6	4
4R95-2	P	5/20/2010	PVC	475	460	168	164	4	2
4RM-07	P	5/20/2010	PVC	457	450	168	160	8	5
4C62-1	P	5/21/2010	PVC	405	390	168	156	12	7
4E72-1	P	5/26/2010	PVC	380	350	168	155	13	8
4T114-1	P	5/27/2010	PVC	431	420	168	158	10	6
4U116-2	P	5/27/2010	PVC	455	440	168	162	6	4
4U110-1	P	5/28/2010	PVC	371	360	168	158	10	6
4T112-1	P	5/28/2010	PVC	479	460	168	162	6	4
4W101-1	P	6/16/2010	PVC	389	380	168	166	2	1
4X103-1	P	6/16/2010	PVC	381	370	168	160	8	5
4W106-1	P	6/16/2010	PVC	367	330	168	160	8	5
4V104-1	P	6/17/2010	PVC	382	370	168	156	12	7
4V102-1	P	6/17/2010	PVC	390	380	168	158	10	6
4U108-1	P	6/17/2010	PVC	363	350	168	166	2	1
4U103-2	P	6/17/2010	PVC	479	470	168	160	8	5

APPENDIX 2

APPENDIX 2

Monitor and Trend Well Sampling Data

MONITOR AND TREND WELL INDEX ***CHRISTENSEN RANCH PROJECT***

PERIMETER ORE ZONE MONITOR WELL

WELL I.D.	LOCATION	Page #
MW17-2	Mine Unit 3	1
MW18	Mine Unit 3	1
MW19	Mine Unit 3	1
MW20	Mine Unit 3	2
MW23	Mine Unit 3	2
MW24	Mine Unit 3	2
MW25	Mine Unit 3	3
MW26	Mine Unit 3	3
MW27	Mine Unit 3	3
MW28	Mine Unit 3	4
MW29	Mine Unit 3	4
MW30	Mine Unit 3	4
MW31	Mine Unit 3	5
MW32	Mine Unit 3	5
MW35	Mine Unit 3	5
MW36	Mine Unit 3	6
MW37	Mine Unit 3	6
MW38	Mine Unit 3	6
MW39	Mine Unit 3	7
MW40	Mine Unit 3	7
MW41	Mine Unit 3	7
MW42	Mine Unit 3	8
MW43	Mine Unit 3	8
MW44	Mine Unit 3	8
MW45	Mine Unit 3	9
MW62	Mine Unit 3	9
MW63	Mine Unit 3	9
MW64	Mine Unit 3	10
MW73	Mine Unit 2	10
MW74	Mine Unit 2	10
MW75	Mine Unit 2	11
MW76	Mine Unit 2	11
MW77	Mine Unit 2	11
MW78	Mine Unit 2	12
MW79	Mine Unit 2	12
MW80	Mine Unit 2	12
MW81	Mine Unit 2	13
MW82	Mine Unit 2	13
MW83	Mine Unit 2	13
MW84	Mine Unit 2	14
MW85	Mine Unit 2	14
MW86	Mine Unit 2	14
MW87	Mine Unit 2	15
MW88	Mine Unit 2	15
MW89	Mine Unit 2	16
MW90	Mine Unit 2	16
MW101	Mine Unit 2	17
MW102	Mine Unit 2	17
MW103	Mine Unit 2	17
MW104	Mine Unit 2	18
MW105	Mine Unit 2	18
MW106	Mine Unit 2	18
MW107	Mine Unit 2	19
MW108	Mine Unit 2	19
MW109	Mine Unit 2	19
MW110	Mine Unit 2	20
MW111	Mine Unit 2	20
MW114	Mine Unit 3	20
MW115	Mine Unit 3	21
MW116	Mine Unit 3	21
4MW-1	Mine Unit 4	22
4MW-2	Mine Unit 4	22
4MW-3	Mine Unit 4	23
4MW-4	Mine Unit 4	23
4MW-5	Mine Unit 4	23
4MW-6	Mine Unit 4	24
4MW-7	Mine Unit 4	24
4MW-8	Mine Unit 4	24
4MW-9	Mine Unit 4	25
4MW-10	Mine Unit 4	25
4MW-11	Mine Unit 4	25
4MW-12	Mine Unit 4	26
4MW-13	Mine Unit 4	26
4MW-14	Mine Unit 4	26
4MW-15	Mine Unit 4	27
4MW-16	Mine Unit 4	27
4MW-17	Mine Unit 4	27
4MW-18	Mine Unit 4	28
4MW-19	Mine Unit 4	28
4MW-20	Mine Unit 4	28
4MW-21	Mine Unit 4	29
4MW-22	Mine Unit 4	29
4MW-23	Mine Unit 4	29
4MW-24	Mine Unit 4	30
4MW-25	Mine Unit 4	30
5MW1	Mine Unit 5	30
5MW2	Mine Unit 5	31
5MW3	Mine Unit 5	31
5MW4	Mine Unit 5	31
5MW5	Mine Unit 5	32

MONITOR AND TREND WELL INDEX ***CHRISTENSEN RANCH PROJECT***

PERIMETER ORE ZONE MONITOR WELL

WELL I.D.	LOCATION	Page #
5MW6	Mine Unit 5	32
5MW7	Mine Unit 5	32
5MW8	Mine Unit 5	33
5MW10	Mine Unit 5	33
5MW12	Mine Unit 5	33
5MW14	Mine Unit 5	34
5MW16	Mine Unit 5	34
5MW18	Mine Unit 5	34
5MW20	Mine Unit 5	35
5MW30A	Mine Unit 5	35
5MW31	Mine Unit 5	35
5MW32A	Mine Unit 5	36
5MW33	Mine Unit 5	36
5MW34	Mine Unit 5	36
5MW35A	Mine Unit 5	37
5MW36	Mine Unit 5	37
5MW37	Mine Unit 5	37
5MW38	Mine Unit 5	38
5MW39A	Mine Unit 5	38
5MW40	Mine Unit 5	38
5MW41A	Mine Unit 5	39
5MW42	Mine Unit 5	39
5MW43	Mine Unit 5	39
5MW44	Mine Unit 5	40
5MW45	Mine Unit 5	40
5MW46	Mine Unit 5	40
5MW47B	Mine Unit 5	41
5MW48	Mine Unit 5	41
5MW49	Mine Unit 5	41
5MW50	Mine Unit 5	42
5MW51	Mine Unit 5	42
5MW52	Mine Unit 5	42
5MW53	Mine Unit 5	43
5MW54	Mine Unit 5	43
5MW55	Mine Unit 5	43
5MW56	Mine Unit 5	44
5MW57	Mine Unit 5	44
5MW58	Mine Unit 5	44
5MW59	Mine Unit 5	45
5MW60	Mine Unit 5	45
5MW61	Mine Unit 5	45
5MW62	Mine Unit 5	46
5MW63	Mine Unit 5	46
5MW64	Mine Unit 5	46
5MW65	Mine Unit 5	47

WELL I.D.	LOCATION	Page #
5MW66	Mine Unit 5	47
5MW67	Mine Unit 5	48
5MW69	Mine Unit 5	48
6MW17-2	Mine Unit 6	48
6MW19	Mine Unit 6	49
6MW21	Mine Unit 6	49
6MW23	Mine Unit 6	49
6MW25	Mine Unit 6	50
6MW27	Mine Unit 6	50
6MW29	Mine Unit 6	50
6MW31	Mine Unit 6	51
6MW33	Mine Unit 6	51
6MW34	Mine Unit 6	51
6MW35	Mine Unit 6	52
6MW36	Mine Unit 6	52
6MW37	Mine Unit 6	52
6MW38	Mine Unit 6	53
6MW39	Mine Unit 6	53
6MW40	Mine Unit 6	53
6MW41	Mine Unit 6	54
6MW42	Mine Unit 6	54
6MW43	Mine Unit 6	54
6MW44	Mine Unit 6	55
6MW45	Mine Unit 6	55
6MW46	Mine Unit 6	55
6MW47	Mine Unit 6	56
6MW48-3	Mine Unit 6	56
6MW49	Mine Unit 6	56
6MW50	Mine Unit 6	57
6MW51	Mine Unit 6	57
6MW52	Mine Unit 6	57
6MW53	Mine Unit 6	58
6MW54	Mine Unit 6	58

MONITOR AND TREND WELL INDEX *CHRISTENSEN RANCH PROJECT*

INTERIOR SHALLOW SAND MONITOR WELL

WELL I.D.	LOCATION	Page #
MW-11S	Mine Unit 5	59
MW46S	Mine Unit 3	59
MW48S	Mine Unit 3	59
MW50S	Mine Unit 3	60
MW52S	Mine Unit 3	60
MW54S	Mine Unit 3	60
MW56S	Mine Unit 3	61
MW58S	Mine Unit 3	61
MW66S-2	Mine Unit 3	61
MW68S	Mine Unit 2	62
MW70S	Mine Unit 2	62
MW72S	Mine Unit 2	62
MW92S	Mine Unit 2	63
MW94S	Mine Unit 2	63
MW96S	Mine Unit 2	63
MW98S	Mine Unit 2	64
MW100S	Mine Unit 2	64
MW112S	Mine Unit 2	64
MW117S	Mine Unit 2	65
4SM-1	Mine Unit 4	65
4SM-4	Mine Unit 4	65
4SM-8	Mine Unit 4	66
4SRM-07	Mine Unit 4	66
5SM1	Mine Unit 5	66
5SM2	Mine Unit 5	67
5SM3	Mine Unit 5	67
5SM5	Mine Unit 5	67
5SM6	Mine Unit 5	68
5SM7	Mine Unit 5	68
WCOW-04	Mine Unit 5	68
6SM1	Mine Unit 6	69
6SM2	Mine Unit 6	69
6SM3	Mine Unit 6	69
6SM4	Mine Unit 6	70
6SM5	Mine Unit 6	70
6SM6	Mine Unit 6	70
6SM7	Mine Unit 6	71
6SM8	Mine Unit 6	71
6SM9	Mine Unit 6	71
6SM10	Mine Unit 6	72
6SM11	Mine Unit 6	72
6SM12	Mine Unit 6	72
6SM13	Mine Unit 6	73
6SM14	Mine Unit 6	73

INTERIOR DEEP SAND MONITOR WELL

WELL I.D.	LOCATION	Page #
MW-12D	Mine Unit 5	74
MW45D	Mine Unit 3	74
MW47D	Mine Unit 3	74
MW49D	Mine Unit 3	75
MW51D	Mine Unit 3	75
MW53D	Mine Unit 3	75
MW55D	Mine Unit 3	76
MW57D	Mine Unit 3	76
MW65D	Mine Unit 3	76
MW67D	Mine Unit 2	77
MW69D	Mine Unit 2	77
MW71D	Mine Unit 2	77
MW91D	Mine Unit 2	78
MW93D	Mine Unit 2	78
MW95D	Mine Unit 2	78
MW97D	Mine Unit 2	79
MW99D	Mine Unit 2	79
MW113D	Mine Unit 2	79
4DM-1	Mine Unit 4	80
4DM-4	Mine Unit 4	80
4DM-8	Mine Unit 4	80
4DRM-07	Mine Unit 4	81
5DM1A	Mine Unit 5	81
5DM2	Mine Unit 5	81
5DM3	Mine Unit 5	82
5DM4	Mine Unit 5	82
5DM5	Mine Unit 5	82
5DM7	Mine Unit 5	83
WCOW-37D	Mine Unit 5	83
6DM1	Mine Unit 6	83
6DM2	Mine Unit 6	84
6DM3-2	Mine Unit 6	84
6DM4-2	Mine Unit 6	84
6DM5	Mine Unit 6	85
6DM6	Mine Unit 6	85
6DM7	Mine Unit 6	85
6DM8	Mine Unit 6	86
6DM9	Mine Unit 6	86
6DM10	Mine Unit 6	86
6DM11	Mine Unit 6	87
6DM12	Mine Unit 6	87
6DM13	Mine Unit 6	87
6DM14	Mine Unit 6	88

MONITOR AND TREND WELL INDEX ***CHRISTENSEN RANCH PROJECT***

PERIMETER ORE ZONE TREND WELL

WELL I.D.	LOCATION	Page #
MW78T	Mine Unit 2	89
MW87T	Mine Unit 2	89
5TW-1	Mine Unit 5	89
6TW1	Mine Unit 6	90
6TW2	Mine Unit 6	90
6TW3	Mine Unit 6	90
6TW4	Mine Unit 6	91
6TW5	Mine Unit 6	91

MONITOR AND TREND WELL INDEX ***CHRISTENSEN RANCH PROJECT***

INTERIOR DEEP SAND TREND WELL

WELL I.D.	LOCATION	Page #
5DM8T	Mine Unit 5	92
5DM9T	Mine Unit 5	92
6DT1	Mine Unit 6	92

MONITOR AND TREND WELL INDEX ***IRIGARAY RANCH***

517 & USMT

WELL I.D.	LOCATION	Page #
M-219		93
M-220		93
M-221		93
M-1		94
NM-3		94
M-4		94
SM-1		95

CHRISTENSEN PROJECT

Perimeter Ore Zone Monitor Wells

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW17-2		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.4	777	129.7			
Date						
07/21/2009	9.5	663	92.4	8.6		4573.4
10/06/2009	10.2	663	93.3	8.4		4575.4
01/06/2010	10.8	663	102.7	8.7		4575.9
04/15/2010	9.5	666	97.5	8.7		4575.3
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW18		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.4	777	129.7			
Date						
07/21/2009	9.8	667	97.5	8.3		4569.4
10/12/2009	9.3	675	91.0	8.4		4570.9
01/11/2010	9.4	666	95.6	8.4		4572.9
04/12/2010	9.9	665	92.0	8.4		4572.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW19		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.4	777	129.7			
Date						
07/20/2009	9.2	677	99.6	8.2		4569.6
10/06/2009	9.9	687	101.1	8.1		4571.7
01/11/2010	10.5	686	101.8	8.2		4571.7
04/13/2010	9.7	670	99.6	8.2		4571.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW20		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.4	777	129.7			
Date						
07/21/2009	9.2	667	93.1	8.2		4567.3
10/12/2009	9.5	667	93.4	8.4		4568.5
01/11/2010	9.2	670	97.5	8.3		4563.7
04/12/2010	10.0	663	86.6	8.4		4570.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW23		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.4	777	129.7			
Date						
07/21/2009	9.4	662	92.3	8.4		4563.5
10/06/2009	9.8	664	91.1	8.3		4565.7
01/11/2010	10.2	662	90.4	8.4		4565.7
04/12/2010	10.4	663	87.9	8.5		4565.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW24		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.4	777	129.7			
Date						
07/21/2009	10.3	661	91.9	8.3		4563.0
10/12/2009	10.5	661	91.9	8.4		4563.0
01/11/2010	10.7	661	90.2	8.4		4564.6
04/12/2010	10.7	660	84.0	8.4		4564.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW25		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.4	777	129.7			
Date						
07/21/2009	10.1	660	95.0	8.2		4562.8
10/12/2009	9.5	659	89.2	8.3		4562.8
01/11/2010	10.3	662	98.9	8.3		4565.2
04/13/2010	10.2	657	85.7	8.4		4565.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW26		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.4	777	129.7			
Date						
07/21/2009	10.2	659	90.8	8.2		4564.0
10/12/2009	10.5	659	92.5	8.2		4564.0
01/11/2010	10.5	659	98.4	8.3		4566.3
04/13/2010	10.3	659	83.9	8.4		4566.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW27		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.4	777	129.7			
Date						
07/21/2009	11.4	678	97.3	8.3		4558.1
10/12/2009	10.7	678	92.0	8.3		4558.1
01/11/2010	11.5	679	98.8	8.3		4557.4
04/13/2010	12.2	684	99.5	8.4		4557.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW28		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.4	777	129.7			
Date						
07/21/2009	10.6	714	94.9	8.1		4570.1
10/06/2009	11.5	704	93.3	8.0		4575.2
01/05/2010	12.7	718	96.4	8.0		4575.7
04/05/2010	11.0	708	97.4	8.1		4574.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW29		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.4	777	129.7			
Date						
07/21/2009	9.6	662	94.8	8.2		4573.5
10/06/2009	9.8	660	92.5	8.2		4573.9
01/05/2010	9.7	661	89.9	8.2		4575.1
04/15/2010	9.8	661	91.4	8.4		4570.9
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW30		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.4	777	129.7			
Date						
07/21/2009	10.5	669	98.8	8.1		4574.0
10/06/2009	9.8	670	96.6	8.2		4578.4
01/05/2010	9.2	670	97.5	8.3		4579.2
04/15/2010	9.6	668	97.9	8.4		4577.5
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW31		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.4	777	129.7			
Date						
07/21/2009	9.4	669	96.7	8.2		4575.4
10/06/2009	9.3	668	94.7	8.2		4574.1
01/05/2010	8.7	665	94.7	8.4		4575.8
04/15/2010	9.0	669	93.5	8.5		4576.1
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW32		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.4	777	129.7			
Date						
07/20/2009	10.4	668	102.3	8.2		4584.8
10/05/2009	11.1	678	106.5	8.1		4584.4
01/05/2010	9.1	672	101.2	8.5		4587.0
04/15/2010	9.0	670	96.4	8.4		4584.5
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW35		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.4	777	129.7			
Date						
07/20/2009	13.8 *	757	135.9 *	8.2		4580.4
07/21/2009	13.3	747	128.9	8.1		4580.8
07/21/2009	12.9	749	133.6 *	8.1		4580.9
10/06/2009	12.9	718	125.4	8.0		4579.2
01/06/2010	11.0	705	121.6	8.3		4582.4
04/06/2010	12.1	726	122.0	8.2		4580.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW36		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.4	777	129.7			
Date						
07/21/2009	9.2	670	97.5	8.2		4581.1
10/06/2009	9.5	672	96.5	8.1		4579.1
01/11/2010	9.2	668	95.3	8.2		4579.7
04/13/2010	9.2	665	88.9	8.2		4585.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW37		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.4	777	129.7			
Date						
07/21/2009	9.7	669	99.0	8.2		4575.2
10/06/2009	9.5	670	95.1	8.2		4577.9
01/06/2010	9.3	669	98.7	8.4		4579.5
04/13/2010	9.7	668	89.6	8.2		4577.3
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW38		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.4	777	129.7			
Date						
07/20/2009	9.7	666	94.9	8.4		4576.2
10/06/2009	9.7	669	95.7	8.3		4577.1
01/05/2010	9.6	666	99.0	8.5		4578.6
04/13/2010	10.1	667	89.5	8.3		4577.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW39		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.4	777	129.7			
Date						
07/21/2009	10.8	670	100.0	8.4		4571.7
10/06/2009	10.1	661	96.1	8.3		4577.1
01/05/2010	9.6	664	96.7	8.4		4578.0
04/13/2010	10.4	667	88.6	8.4		4577.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW40		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.4	777	129.7			
Date						
07/21/2009	9.6	670	95.6	8.2		4573.5
10/06/2009	9.5	670	94.1	8.2		4577.8
01/05/2010	9.1	671	99.9	8.0		4579.3
04/13/2010	11.5	670	105.6	8.0		4578.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW41		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.4	777	129.7			
Date						
07/20/2009	9.8	675	99.2	8.2		4587.2
10/06/2009	10.3	675	100.1	8.1		4587.1
01/05/2010	8.8	672	96.7	8.5		4588.7
04/15/2010	8.8	674	91.8	8.4		4587.4
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW42		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.4	777	129.7			
Date						
07/20/2009	9.8	667	94.6	8.4		4589.7
10/05/2009	9.5	659	94.6	8.2		4588.1
01/05/2010	9.7	663	98.4	8.5		4591.3
04/15/2010	8.9	667	99.7	8.5		4589.1
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW43		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.4	777	129.7			
Date						
07/21/2009	8.9	664	96.3	8.3		4591.1
10/05/2009	9.3	662	99.3	8.2		4590.0
01/06/2010	8.7	663	96.4	8.5		4593.0
04/15/2010	9.0	663	91.4	8.4		4592.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW44		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.4	777	129.7			
Date						
07/20/2009	9.4	665	90.6	8.2		4578.3
10/05/2009	9.3	664	94.3	8.1		4577.4
01/05/2010	9.2	665	93.8	8.4		4580.5
04/15/2010	9.0	665	89.5	8.3		4579.6
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH			For time period
Well I.D. MW45		PERIMETER ORE ZONE MONITOR WELL			7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.4	777	129.7			
Date						
07/21/2009	9.7	669	94.5	8.3		4578.5
10/06/2009	10.1	676	94.1	8.2		4579.1
01/05/2010	9.8	670	96.5	8.4		4584.1
04/13/2010	10.6	669	87.7	8.1		4580.4
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH			For time period
Well I.D. MW62		PERIMETER ORE ZONE MONITOR WELL			7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.4	777	129.7			
Date						
07/20/2009	9.0	665	90.6	8.7		4579.1
10/06/2009	9.3	664	89.9	8.6		4584.1
01/11/2010	9.0	658	99.7	8.6		4586.2
04/15/2010	9.1	664	94.7	8.7		4585.3
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH			For time period
Well I.D. MW63		PERIMETER ORE ZONE MONITOR WELL			7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.4	777	129.7			
Date						
07/20/2009	8.8	666	90.4	8.6		4575.2
10/06/2009	9.0	662	88.2	8.4		4586.4
01/11/2010	9.1	665	96.2	8.3		4589.2
04/15/2010	8.9	665	89.9	8.6		4588.5
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW64		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.4	777	129.7			
Date						
07/20/2009	8.8	671	95.9	8.1		4588.1
10/06/2009	9.4	669	98.0	7.7		4589.8
01/11/2010	8.6	668	97.4	8.1		4593.0
04/15/2010	8.8	667	95.3	8.3		4592.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW73		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.6	823	121.3			
Date						
09/14/2009	9.9	669	96.7	8.7		4581.0
12/16/2009	9.4	666	93.9	8.6		4581.6
03/08/2010	9.4	659	87.1	8.6		4575.2
06/07/2010	9.0	665	89.3	8.4		4578.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW74		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.6	823	121.3			
Date						
09/14/2009	9.4	666	93.2	8.9		4581.0
12/15/2009	9.6	670	98.3	8.7		4582.1
03/08/2010	9.6	659	90.3	8.7		4576.9
06/07/2010	8.8	666	90.8	8.5		4578.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW75		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.6	823	121.3			
Date						
09/14/2009	9.1	674	93.7	8.5		4579.8
12/08/2009	9.1	675	100.3	8.4		4581.3
03/08/2010	9.1	671	92.5	8.4		4575.4
06/07/2010	10.2	667	90.9	8.5		4578.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW76		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.6	823	121.3			
Date						
09/14/2009	8.4	723	93.4	8.3		4577.7
12/08/2009	8.5	722	96.1	8.3		4581.2
03/09/2010	8.9	699	95.7	8.3		4576.3
06/07/2010	9.2	713	94.2	8.5		4578.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW77		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.6	823	121.3			
Date						
09/14/2009	8.8	736	96.2	8.3		4578.8
12/08/2009	9.0	734	96.6	8.2		4581.2
03/09/2010	8.4	738	93.8	8.1		4575.8
06/07/2010	8.0	734	97.4	8.3		4577.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW78		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.6	823	121.3			
Date						
09/14/2009	8.8	709	94.4	8.3		4574.1
12/08/2009	9.1	709	93.8	8.2		4576.4
03/09/2010	8.9	704	83.6	8.1		4570.2
06/07/2010	8.3	708	84.6	8.4		4573.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW79		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.6	823	121.3			
Date						
09/14/2009	8.5	717	93.7	8.3		4572.0
12/08/2009	8.0	717	90.0	8.1		4573.6
03/09/2010	8.3	714	83.6	8.0		4568.8
06/07/2010	7.9	715	83.1	8.4		4570.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW80		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.6	823	121.3			
Date						
09/14/2009	9.3	682	95.2	8.3		4568.3
12/08/2009	9.2	683	92.8	8.2		4569.5
03/09/2010	9.2	679	83.8	8.1		4565.6
06/07/2010	8.7	678	89.3	8.2		4567.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW81		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.6	823	121.3			
Date						
09/14/2009	9.3	673	93.8	8.3		4566.6
12/08/2009	9.5	674	93.8	8.2		4568.1
03/09/2010	9.2	671	89.1	8.1		4564.3
06/07/2010	8.5	671	89.2	8.4		4566.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW82		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.6	823	121.3			
Date						
09/14/2009	9.8	656	90.9	8.2		4559.9
12/15/2009	9.7	653	92.3	8.3		4560.0
03/08/2010	9.7	672	91.3	8.3		4557.9
06/07/2010	9.2	648	88.6	8.4		4561.2
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW83		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.6	823	121.3			
Date						
09/14/2009	9.6	662	91.5	8.4		4561.8
12/15/2009	9.4	662	93.1	8.3		4563.0
03/08/2010	9.4	657	92.0	8.4		4559.1
06/07/2010	9.3	657	90.5	8.4		4561.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW84		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.6	823	121.3			
Date						
09/15/2009	11.0	696	108.0	8.3		4561.1
12/15/2009	12.0	700	115.2	8.3		4562.4
03/08/2010	11.7	691	97.2	8.3		4558.5
06/07/2010	12.4	708	99.8	8.3		4561.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW85		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.6	823	121.3			
Date						
09/15/2009	9.8	659	92.0	8.3		4561.2
12/15/2009	9.5	657	91.0	8.3		4561.6
03/08/2010	9.8	658	78.8	8.3		4558.3
06/07/2010	9.6	659	84.2	8.4		4560.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW86		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.6	823	121.3			
Date						
09/15/2009	9.8	664	95.4	8.2		4560.4
12/15/2009	9.6	662	94.4	8.1		4560.1
03/08/2010	9.6	663	92.6	8.0		4552.7
06/07/2010	9.1	663	92.9	7.8		4553.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW87		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.6	823	121.3			
Date						
09/15/2009	9.9	665	94.6	8.3		4556.8
12/16/2009	9.7	661	94.1	8.2		4556.8
03/08/2010	9.5	663	81.4	8.2		4556.4
06/07/2010	9.7	666	98.5	8.0		4557.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW88		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.6	823	121.3			
Date						
09/15/2009	9.8	666	97.0	8.2		4569.6
12/15/2009	9.5	662	96.0	8.2		4570.5
03/08/2010	9.5	665	91.9	8.2		4565.9
06/07/2010	8.9	664	92.0	8.0		4568.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2	CHRISTENSEN RANCH					For time period
Well I.D. MW89	PERIMETER ORE ZONE MONITOR WELL					7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.6	823	121.3			
Date						
07/08/2009	14.5 *	751	121.1	8.0		4564.3
07/15/2009	15.5 *	740	117.2	8.1		4563.1
07/22/2009	13.6	737	121.3	8.2		4562.6
07/27/2009	13.4	735	121.2	8.2		4562.6
09/15/2009	12.6	755	126.9 *	8.2		4573.3
12/15/2009	15.4 *	765	135.3 *	8.1		4574.0
12/16/2009	15.3 *	764	136.6 *	7.7		4574.0
12/21/2009	16.3 *	772	142.1 *	7.8		4573.7
12/28/2009	15.1 *	775	158.4 *	8.1		4573.6
01/04/2010	15.3 *	777	157.9 *	8.1		4573.9
01/11/2010	16.1 *	771	157.4 *	8.1		4570.5
01/18/2010	15.1 *	758	135.9 *	8.0		4556.9
01/25/2010	13.9 *	755	125.6 *	8.2		4545.3
02/01/2010	13.6	726	110.0	8.0		4550.1
02/08/2010	13.3	720	112.8	8.0		4549.9
02/16/2010	13.6	711	99.9	8.0		4547.6
03/08/2010	13.3	716	95.6	8.2		4569.7
06/07/2010	12.8	732	118.4	8.0		4573.0

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 2	CHRISTENSEN RANCH					For time period
Well I.D. MW90	PERIMETER ORE ZONE MONITOR WELL					7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.6	823	121.3			
Date						
09/15/2009	9.3	683	97.1	8.3		4564.1
12/08/2009	9.6	684	96.8	8.2		4565.5
03/08/2010	8.8	684	81.0	8.2		4562.3
06/07/2010	8.3	682	87.3	8.4		4563.0

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW101		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.6	778	124.6			
Date						
09/15/2009	9.2	669	90.7	8.3		4562.3
12/08/2009	9.6	667	92.1	8.2		4564.3
03/08/2010	9.4	666	88.7	8.3		4561.3
06/07/2010	9.0	665	89.0	8.3		4562.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW102		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.6	778	124.6			
Date						
09/15/2009	9.5	672	91.6	8.4		4558.4
12/08/2009	9.5	672	90.0	8.2		4560.0
03/08/2010	9.3	673	88.1	8.3		4557.8
06/07/2010	8.9	669	89.1	8.4		4558.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW103		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.6	778	124.6			
Date						
09/14/2009	9.2	679	90.1	8.5		4553.1
12/08/2009	9.8	664	92.0	8.3		4552.9
03/08/2010	9.5	664	88.5	8.4		4557.8
06/07/2010	9.3	662	90.4	8.5		4558.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW104		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.6	778	124.6			
Date						
09/14/2009	8.6	703	89.8	8.5		4554.4
12/15/2009	8.6	702	92.3	8.2		4554.6
03/09/2010	9.1	710	91.7	8.4		4553.5
06/07/2010	8.4	702	90.0	8.5		4556.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW105		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.6	778	124.6			
Date						
09/15/2009	9.5	683	95.8	8.3		4551.1
12/16/2009	9.1	681	92.5	8.3		4553.5
03/09/2010	9.4	685	84.6	8.2		4550.9
06/07/2010	8.8	685	91.3	8.3		4551.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW106		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.6	778	124.6			
Date						
09/15/2009	9.6	676	94.6	8.3		4550.8
12/16/2009	9.4	676	91.5	8.2		4552.9
03/09/2010	9.2	678	88.5	8.2		4549.8
06/07/2010	8.7	677	89.6	8.4		4549.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW107		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.6	778	124.6			
Date						
09/15/2009	9.3	674	90.5	8.3		4552.7
12/16/2009	9.6	675	93.2	8.3		4553.3
03/09/2010	9.7	678	90.8	8.2		4551.5
06/07/2010	9.6	680	92.4	8.4		4552.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW108		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.6	778	124.6			
Date						
09/14/2009	10.1	697	110.4	8.3		4551.8
12/08/2009	10.7	701	115.4	8.2		4551.0
03/08/2010	11.0	707	113.5	8.3		4550.8
06/07/2010	10.0	706	115.9	8.4		4551.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW109		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.6	778	124.6			
Date						
09/14/2009	9.7	678	86.6	8.3		4552.9
12/08/2009	10.0	676	87.9	8.2		4553.1
03/08/2010	9.9	674	86.8	8.3		4551.0
06/07/2010	9.1	674	86.3	8.4		4552.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW110		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.6	778	124.6			
Date						
09/14/2009	9.3	663	89.1	8.4		4553.7
12/08/2009	9.8	664	92.1	8.3		4555.6
03/08/2010	10.1	664	85.5	8.4		4553.1
06/07/2010	9.1	665	90.9	8.5		4554.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW111		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.6	778	124.6			
Date						
09/14/2009	9.7	653	88.2	8.4		4556.2
12/15/2009	10.0	654	90.3	8.4		4557.0
03/08/2010	10.9	653	84.4	8.4		4554.7
06/07/2010	9.5	655	88.2	8.4		4555.8
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW114		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.4	777	129.7			
Date						
07/21/2009	9.6	668	92.9	8.0		4567.0
10/12/2009	10.7	670	93.4	8.2		4567.0
01/11/2010	10.7	666	99.2	8.1		4569.2
04/12/2010	11.3	665	94.4	8.2		4568.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW115		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.4	777	129.7			
Date						
07/21/2009	9.3	670	96.8	8.1		4564.5
10/12/2009	9.4	674	95.1	8.2		4564.5
01/11/2010	9.4	670	99.3	8.2		4566.5
04/12/2010	9.6	667	90.0	8.2		4565.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW116		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.4	777	129.7			
Date						
07/27/2009	8.9	668	90.8	8.2		4563.7
10/06/2009	9.9	674	94.1	8.1		4565.7
01/11/2010	9.4	669	93.7	8.4		4565.4
04/12/2010	9.5	666	86.2	8.5		4565.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 4	CHRISTENSEN RANCH					For time period
Well I.D. 4MW-1	PERIMETER ORE ZONE MONITOR WELL					7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.1	825	116.9			
Date						
09/14/2009	31.6 *	824	133.7 *	8.0		4591.2
09/15/2009	32.1 *	827 *	139.5 *	7.9		4590.2
09/24/2009	18.6 *	730	108.8	8.2		4576.2
10/01/2009	16.9 *	703	96.4	7.9		4571.2
10/08/2009	16.3 *	690	99.1	8.1		4571.3
10/15/2009	15.6 *	687	97.5	8.2		4572.8
12/01/2009	14.1 *	700	98.9	8.4		4591.9
03/03/2010	21.7 *	740	99.6	8.2		4589.3
06/09/2010	25 *	809	124.9 *	7.8	<.4	4588.0
06/10/2010	25.8 *	796	125 *	7.8	<.4	4588.8
06/15/2010	29.1 *	857 *	135 *	7.4	1.1	4588.5
06/21/2010	31.8 *	859 *	131.7 *	6.6	0.7	4588.3
06/29/2010	28 *	864 *	140 *	6.6	0.9	4588.1
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 4	CHRISTENSEN RANCH					For time period
Well I.D. 4MW-2	PERIMETER ORE ZONE MONITOR WELL					7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.1	825	116.9			
Date						
09/01/2009	9.2	661	95.7	8.4		4594.1
12/01/2009	8.9	663	89.2	8.4		4595.0
03/03/2010	9.3	661	89.0	8.3		4591.9
06/09/2010	8.7	669	93.8	8.2		4591.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 4		CHRISTENSEN RANCH				For time period
Well I.D. 4MW-3		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.1	825	116.9			
Date						
09/14/2009	12.4 *	676	91.0	8.6		4590.9
12/01/2009	17 *	691	91.5	8.5		4591.4
03/03/2010	16.9 *	685	88.3	8.0		4589.5
06/09/2010	16.2 *	691	88.8	8.3		4588.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 4		CHRISTENSEN RANCH				For time period
Well I.D. 4MW-4		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.1	825	116.9			
Date						
09/01/2009	8.8	676	100.9	8.4		4597.4
12/01/2009	8.7	670	94.6	8.3		4598.1
03/03/2010	9.2	673	93.8	8.0		4594.9
06/09/2010	8.6	675	99.0	8.1		4594.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 4		CHRISTENSEN RANCH				For time period
Well I.D. 4MW-5		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.1	825	116.9			
Date						
09/01/2009	9.1	670	93.9	8.5		4590.9
12/01/2009	9.2	667	93.0	8.5		4592.1
03/03/2010	9.6	669	92.6	8.2		4591.0
06/09/2010	8.9	671	92.7	8.2		4589.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 4		CHRISTENSEN RANCH				For time period
Well I.D. 4MW-6		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.1	825	116.9			
Date						
09/01/2009	8.6	669	95.9	8.5		4599.7
12/01/2009	8.9	671	95.4	8.5		4600.1
03/03/2010	9.3	670	92.3	8.2		4598.3
06/09/2010	8.4	671	94.8	8.3		4597.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 4		CHRISTENSEN RANCH				For time period
Well I.D. 4MW-7		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.1	825	116.9			
Date						
09/01/2009	9.4	667	94.8	8.6		4594.4
12/01/2009	9.1	665	90.2	8.6		4595.3
03/03/2010	9.4	665	94.2	8.1		4593.3
06/09/2010	8.9	666	90.0	8.4		4594.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 4		CHRISTENSEN RANCH				For time period
Well I.D. 4MW-8		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.1	825	116.9			
Date						
09/01/2009	8.9	668	99.6	8.4		4599.1
12/01/2009	8.9	673	96.5	8.4		4599.8
03/03/2010	9.1	675	92.8	7.8		4597.5
06/09/2010	8.6	674	94.3	8.2		4597.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 4		CHRISTENSEN RANCH				For time period
Well I.D. 4MW-9		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.1	825	116.9			
Date						
09/01/2009	8.7	669	93.5	8.4		4595.1
12/01/2009	8.8	668	91.8	8.4		4596.1
03/03/2010	9.3	670	86.7	8.1		4594.5
06/09/2010	8.4	668	91.5	8.2		4593.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 4		CHRISTENSEN RANCH				For time period
Well I.D. 4MW-10		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.1	825	116.9			
Date						
09/01/2009	9.3	670	100.4	8.4		4600.3
12/01/2009	9.5	670	97.8	8.4		4600.9
03/03/2010	9.0	670	89.4	8.2		4599.7
06/09/2010	8.4	670	93.6	8.2		4597.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 4		CHRISTENSEN RANCH				For time period
Well I.D. 4MW-11		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.1	825	116.9			
Date						
09/01/2009	9.0	664	90.9	8.5		4596.4
12/01/2009	9.2	663	89.9	8.5		4597.2
03/03/2010	9.7	665	88.6	8.2		4596.4
06/09/2010	8.8	665	88.2	8.3		4595.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 4		CHRISTENSEN RANCH				For time period
Well I.D. 4MW-12		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.1	825	116.9			
Date						
09/01/2009	9.1	670	95.1	8.7		4602.4
12/01/2009	9.2	668	93.5	8.7		4603.5
03/03/2010	9.4	668	80.5	8.3		4601.8
06/09/2010	8.8	667	83.9	8.5		4600.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 4		CHRISTENSEN RANCH				For time period
Well I.D. 4MW-13		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.1	825	116.9			
Date						
09/01/2009	9.0	665	91.0	8.4		4598.7
12/01/2009	9.2	665	89.9	8.4		4599.5
03/03/2010	9.7	667	86.9	8.2		4598.0
06/09/2010	8.9	666	91.3	8.2		4597.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 4		CHRISTENSEN RANCH				For time period
Well I.D. 4MW-14		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.1	825	116.9			
Date						
09/01/2009	8.8	671	98.5	8.3		4604.3
12/01/2009	9.3	672	97.7	8.3		4605.2
03/03/2010	9.9	670	97.3	8.2		4604.3
06/09/2010	8.7	672	97.1	8.1		4604.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 4		CHRISTENSEN RANCH				For time period
Well I.D. 4MW-15		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.1	825	116.9			
Date						
09/01/2009	9.4	683	102.0	8.4		4597.8
12/01/2009	9.3	683	97.9	8.4		4598.9
03/03/2010	10.0	687	99.8	8.2		4598.3
06/09/2010	9.5	688	102.0	8.2		4597.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 4		CHRISTENSEN RANCH				For time period
Well I.D. 4MW-16		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.1	825	116.9			
Date						
09/01/2009	8.9	669	100.7	8.2		4605.2
12/01/2009	9.0	667	96.4	8.0		4606.2
03/03/2010	9.0	668	85.0	8.1		4605.9
06/09/2010	8.1	664	88.1	8.1		4603.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 4		CHRISTENSEN RANCH				For time period
Well I.D. 4MW-17		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.1	825	116.9			
Date						
09/01/2009	9.2	670	95.8	8.4		4599.3
12/01/2009	9.4	674	95.2	8.4		4600.8
03/03/2010	10.5	670	94.4	8.3		4600.6
06/09/2010	9.1	667	96.1	8.2		4599.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 4		CHRISTENSEN RANCH				For time period
Well I.D. 4MW-18		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.1	825	116.9			
Date						
09/01/2009	8.9	676	98.1	8.4		4604.8
12/01/2009	9.6	675	99.6	8.3		4605.9
03/03/2010	9.4	674	90.6	8.0		4606.2
06/09/2010	8.8	675	98.0	8.2		4604.4
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 4		CHRISTENSEN RANCH				For time period
Well I.D. 4MW-19		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.1	825	116.9			
Date						
09/14/2009	9.9	655	99.7	8.3		4600.7
12/17/2009	9.2	670	95.5	8.0		4601.2
03/03/2010	9.5	670	89.2	7.9		4601.0
06/09/2010	8.8	669	93.4	8.1		4599.8
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 4		CHRISTENSEN RANCH				For time period
Well I.D. 4MW-20		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.1	825	116.9			
Date						
09/01/2009	8.4	675	98.5	8.4		4607.0
12/01/2009	8.6	677	96.7	8.2		4607.8
03/03/2010	9.0	675	95.7	7.9		4607.8
06/09/2010	8.2	676	96.8	8.2		4606.3
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 4		CHRISTENSEN RANCH				For time period
Well I.D. 4MW-21		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.1	825	116.9			
Date						
09/01/2009	9.1	664	93.3	8.3		4600.3
12/01/2009	9.0	663	91.9	8.3		4601.5
03/03/2010	9.3	664	89.7	7.8		4601.8
06/09/2010	8.8	665	91.6	8.1		4600.5
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 4		CHRISTENSEN RANCH				For time period
Well I.D. 4MW-22		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.1	825	116.9			
Date						
09/01/2009	8.6	674	95.8	8.3		4607.3
12/01/2009	8.6	675	95.4	8.2		4608.2
03/03/2010	8.8	674	94.1	7.9		4607.9
06/09/2010	8.4	673	96.7	8.1		4606.9
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 4		CHRISTENSEN RANCH				For time period
Well I.D. 4MW-23		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.1	825	116.9			
Date						
09/01/2009	8.8	673	94.9	8.3		4602.5
12/01/2009	9.0	672	94.8	8.2		4603.6
03/03/2010	9.3	672	92.6	7.8		4604.0
06/09/2010	8.6	674	93.8	8.1		4604.6
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 4		CHRISTENSEN RANCH				For time period
Well I.D. 4MW-24		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.1	825	116.9			
Date						
09/01/2009	8.6	673	93.3	8.4		4605.4
12/01/2009	9.2	672	92.8	8.2		4606.5
03/03/2010	9.1	671	94.8	7.9		4606.8
06/09/2010	8.5	672	93.3	8.1		4605.7
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 4		CHRISTENSEN RANCH				For time period
Well I.D. 4MW-25		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.1	825	116.9			
Date						
09/01/2009	8.8	678	95.3	8.3		4604.4
12/01/2009	9.3	678	97.4	8.2		4605.5
03/03/2010	9.2	676	92.4	7.9		4605.6
06/09/2010	8.7	676	93.8	8.1		4604.5
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW1		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	8.7	780	90.4	7.9		4639.3
10/19/2009	8.2	771	94.6	8.0		4639.5
01/12/2010	7.9	763	94.4	8.0		4638.9
04/28/2010	9.6	755	94.0	7.9		4639.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW2		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	12.7	862	94.9	7.9		4633.8
10/21/2009	11.8	861	93.6	7.8		4635.5
01/12/2010	11.6	855	96.8	7.9		4634.6
04/27/2010	13.6	853	90.8	8.1		4634.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW3		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	8.2	771	95.0	7.9		4639.5
10/19/2009	8.1	773	93.9	7.7		4641.6
01/12/2010	7.6	773	98.7	7.9		4640.6
04/28/2010	7.3	775	93.0	8.0		4640.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW4		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	10.2	927	107.2	8.0		4636.2
10/20/2009	9.6	936	111.0	8.0		4637.1
01/12/2010	9.4	922	110.4	8.0		4636.9
04/27/2010	11.5	919	108.4	8.1		4636.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5	CHRISTENSEN RANCH					For time period
Well I.D. 5MW5	PERIMETER ORE ZONE MONITOR WELL					7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	6.7	874	86.3	7.9		4637.5
10/19/2009	7.5	871	90.4	7.8		4638.9
01/12/2010	7.7	815	97.4	8.0		4638.8
04/28/2010	7.3	862	88.5	7.9		4638.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5	CHRISTENSEN RANCH					For time period
Well I.D. 5MW6	PERIMETER ORE ZONE MONITOR WELL					7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	9.6	883	101.3	7.9		4630.9
10/20/2009	9.1	878	103.7	7.9		4637.5
01/12/2010	9.1	847	104.9	8.0		4636.1
04/27/2010	10.4	863	97.1	8.1		4636.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5	CHRISTENSEN RANCH					For time period
Well I.D. 5MW7	PERIMETER ORE ZONE MONITOR WELL					7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	7.7	875	83.9	7.9		4634.9
10/19/2009	7.6	875	90.8	7.9		4636.1
01/12/2010	7.0	847	90.0	8.1		4634.5
04/28/2010	6.3	871	86.7	8.1		4635.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW8		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	23.0	1423	122.5			
Date						
08/03/2009	20.0	1304	163.5 *	7.9		4635.9
10/20/2009	18.3	1334	151.1 *	7.8		4637.1
01/12/2010	15.7	1262	154.9 *	7.4		4636.0
04/27/2010	16.5	1300	150.6 *	7.6		4636.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW10		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	11.6	864	159 *	7.7		4636.1
10/20/2009	11.8	850	157.6 *	7.7		4637.3
01/12/2010	11.3	756	128.6	7.6		4635.9
04/27/2010	12.3	798	130.8	8.0		4636.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW12		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.8	1725	145.4			
Date						
08/03/2009	8.7	865	112.3	7.9		4629.9
10/20/2009	8.6	861	115.8	7.9		4633.1
01/12/2010	8.2	852	118.7	7.8		4630.9
04/27/2010	11.0	848	110.8	8.0		4631.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW14		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	8.8	691	100.5	7.7		4628.7
10/20/2009	8.4	692	103.2	8.0		4632.8
01/12/2010	8.6	687	106.0	8.1		4630.6
04/28/2010	9.9	690	105.4	8.2		4631.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW16		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	7.7	746	96.3	8.0		4628.3
10/21/2009	8.1	744	97.5	7.9		4632.7
01/12/2010	8.1	729	101.1	8.0		4630.5
04/28/2010	8.7	752	99.0	8.1		4631.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW18		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	7.9	830	91.4	8.0		4630.6
10/26/2009	7.8	868	101.6	8.0		4630.3
01/18/2010	8.3	978	105.6	8.0		4629.1
04/28/2010	8.3	847	90.0	8.1		4629.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW20		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	6.7	880	86.9	8.0		4630.7
10/21/2009	7.0	879	88.1	7.9		4634.0
01/12/2010	7.0	863	91.7	8.0		4632.7
04/28/2010	8.9	880	86.8	8.1		4633.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW30A		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	8.7	670	101.8	8.0		4624.4
10/19/2009	8.5	671	105.2	8.0		4625.7
01/12/2010	9.5	666	103.5	7.7		4625.2
04/26/2010	9.6	669	99.2	8.1		4625.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW31		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	8.6	668	97.8	8.0		4624.2
10/19/2009	9.0	668	102.3	8.1		4624.8
01/12/2010	8.2	662	93.0	8.3		4625.6
04/26/2010	10.5	667	93.3	8.2		4624.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW32A		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	7.6	670	106.8	7.9		4624.1
10/19/2009	8.3	672	103.2	8.0		4624.5
01/12/2010	8.1	670	102.5	8.3		4625.8
04/26/2010	9.9	670	99.9	8.2		4623.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW33		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	8.5	667	99.2	7.9		4624.8
10/19/2009	8.5	669	101.3	8.0		4626.5
01/12/2010	8.6	668	99.4	8.2		4627.2
04/26/2010	8.6	669	97.7	8.2		4626.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW34		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	8.7	675	102.0	8.0		4621.8
10/26/2009	8.4	668	108.4	8.1		4625.5
01/12/2010	8.1	671	104.2	8.3		4627.2
04/26/2010	10.2	674	102.1	8.2		4624.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW35A		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	9.1	676	101.4	8.1		4626.4
10/19/2009	8.6	677	104.7	8.1		4627.6
01/12/2010	8.6	676	104.9	8.3		4626.8
04/26/2010	9.5	677	102.3	8.3		4626.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW36		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	8.5	677	104.8	8.1		4622.6
10/26/2009	8.3	677	104.8	8.2		4627.5
01/12/2010	7.7	677	104.0	8.3		4626.4
04/26/2010	9.7	678	103.1	8.3		4626.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW37		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	8.6	667	102.4	8.1		4627.7
10/19/2009	8.4	668	103.2	8.1		4628.0
01/12/2010	8.6	668	103.4	8.3		4628.1
04/26/2010	10.7	668	101.3	8.2		4628.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW38		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	8.7	704	119.0	8.1		4623.4
10/26/2009	8.4	707	121.0	8.2		4628.4
01/12/2010	8.2	707	120.7	8.2		4628.4
04/26/2010	8.9	711	118.5	8.1		4627.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW39A		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	8.2	676	101.1	8.1		4629.2
10/19/2009	8.3	678	101.2	8.0		4630.7
01/12/2010	8.2	677	106.7	8.2		4626.5
04/26/2010	9.5	674	101.8	8.2		4630.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW40		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	8.7	679	104.6	8.1		4627.9
10/26/2009	8.2	675	105.5	8.2		4629.3
01/12/2010	8.3	676	108.9	8.2		4628.7
04/26/2010	9.8	677	101.2	8.2		4628.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW41A		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	8.8	668	101.0	7.8		4630.9
10/19/2009	8.4	670	103.5	7.9		4632.7
01/12/2010	8.2	668	105.8	8.2		4633.4
04/26/2010	10.2	668	98.5	8.2		4632.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW42		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	8.6	676	104.9	8.1		4629.2
10/26/2009	8.4	676	105.9	8.2		4630.3
01/12/2010	8.2	677	106.1	8.2		4630.0
04/26/2010	9.3	676	102.5	8.2		4629.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW43		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	8.5	675	103.0	7.9		4633.0
10/19/2009	8.1	676	105.4	7.9		4634.8
01/12/2010	8.2	675	108.3	8.2		4635.1
04/26/2010	9.0	674	100.4	8.2		4634.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5	CHRISTENSEN RANCH					For time period
Well I.D. 5MW44	PERIMETER ORE ZONE MONITOR WELL					7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	8.7	677	104.4	8.2		4623.3
10/26/2009	8.6	677	109.9	8.4		4631.1
01/12/2010	8.2	679	109.2	8.3		4631.2
04/26/2010	9.3	677	100.7	8.3		4630.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5	CHRISTENSEN RANCH					For time period
Well I.D. 5MW45	PERIMETER ORE ZONE MONITOR WELL					7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	7.9	678	105.9	7.7		4634.5
10/19/2009	8.2	679	107.9	7.8		4635.9
01/12/2010	7.8	679	109.7	8.2		4635.8
04/26/2010	9.0	677	100.4	8.2		4636.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5	CHRISTENSEN RANCH					For time period
Well I.D. 5MW46	PERIMETER ORE ZONE MONITOR WELL					7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	8.9	685	107.8	8.1		4630.4
10/19/2009	8.7	688	109.4	8.0		4631.7
01/12/2010	8.5	688	110.0	8.1		4631.3
04/26/2010	9.8	689	101.1	8.2		4631.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW47B		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	8.1	681	107.6	8.0		4637.8
10/19/2009	7.6	683	108.3	8.1		4639.4
01/12/2010	7.8	679	110.9	8.2		4639.5
04/26/2010	8.1	681	104.1	8.2		4639.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW48		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	23.5 *	818	143.3 *	7.7		4632.7
08/04/2009	22.3	797	139.2 *	7.9		4632.7
08/04/2009	21.7	800	137 *	7.9		4632.7
10/27/2009	20.6	780	136.4 *	8.0		4634.1
01/12/2010	19.7	779	139.7 *	8.1		4634.0
04/27/2010	20.4	764	127.3	8.1		4634.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW49		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	7.9	681	106.6	8.0		4637.8
10/19/2009	8.3	683	108.1	8.0		4639.3
01/12/2010	7.7	681	111.3	8.2		4639.7
04/26/2010	8.7	680	104.5	8.2		4639.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW50		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	8.5	686	107.3	7.8		4630.7
10/19/2009	8.7	702	113.4	8.0		4631.8
01/18/2010	8.7	690	112.9	7.8		4631.5
04/28/2010	9.2	686	111.4	8.2		4631.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW51		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	8.1	684	107.8	7.7		4640.3
10/19/2009	8.1	684	109.2	7.8		4641.6
01/12/2010	7.6	683	111.5	8.1		4642.4
04/27/2010	9.0	683	102.5	8.2		4642.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW52		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	9.6	588	107.8	7.9		4633.4
10/19/2009	10.0	658	119.4	7.9		4634.7
01/12/2010	10.0	696	119.7	7.9		4634.4
04/28/2010	12.9	719	115.6	8.2		4634.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW53		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	8.3	685	107.7	7.7		4639.4
10/19/2009	8.3	686	109.7	7.8		4639.7
01/12/2010	8.1	685	110.5	8.1		4641.3
04/27/2010	10.0	684	101.7	8.1		4641.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW54		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	12.1	759	138.6 *	7.8		4634.4
10/19/2009	12.5	761	141.2 *	8.0		4633.0
01/12/2010	13.9	808	159.8 *	8.0		4635.1
04/28/2010	10.6	768	132.3	8.1		4632.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW55		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	8.7	687	116.9	7.7		4639.1
10/19/2009	8.3	686	107.4	7.9		4639.6
01/12/2010	8.0	684	110.6	8.1		4637.8
04/26/2010	9.0	685	105.4	8.1		4639.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW56		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	9.9	681	112.0	7.9		4633.6
10/19/2009	8.8	678	111.3	7.9		4635.0
01/12/2010	8.5	687	111.9	7.9		4634.1
04/28/2010	9.8	688	111.4	8.1		4634.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW57		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	9.0	689	113.1	7.7		4638.8
10/19/2009	8.6	690	108.3	7.7		4640.1
01/12/2010	8.3	688	110.8	8.1		4640.2
04/26/2010	8.9	690	102.9	8.1		4640.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW58		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	8.8	691	107.1	7.9		4633.1
10/21/2009	8.6	689	107.9	8.1		4635.1
01/12/2010	8.4	689	111.3	8.2		4633.9
04/27/2010	9.5	689	101.9	8.3		4634.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW59		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	8.5	685	106.2	7.9		4636.6
10/19/2009	8.6	688	108.2	8.0		4637.5
01/12/2010	8.1	686	109.5	8.2		4636.8
04/26/2010	9.0	687	103.1	8.2		4636.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW60		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	23.7	779	191.3			
Date						
08/03/2009	12.0	943 *	171.9	7.7		4633.3
10/21/2009	11.8	944 *	160.4	7.9		4634.8
01/12/2010	11.6	886 *	163.8	8.1		4634.2
04/27/2010	13.0	889 *	158.5	8.1		4633.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW61		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	8.9	689	107.9	7.7		4638.5
10/19/2009	8.5	688	108.0	7.8		4639.9
01/12/2010	8.4	689	110.8	8.0		4639.7
04/26/2010	9.2	687	104.2	8.1		4638.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW62		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	10.4	757	125.8	7.9		4633.5
10/21/2009	10.0	762	124.0	8.0		4634.7
01/12/2010	9.8	753	127.9	8.1		4633.9
04/27/2010	9.8	765	121.4	8.2		4633.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW63		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
07/27/2009	8.8	679	106.3	8.2		4638.0
10/20/2009	8.4	682	106.1	7.9		4639.2
01/12/2010	8.7	676	109.0	8.1		4639.2
04/27/2010	9.3	678	100.4	8.2		4638.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW64		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	9.2	737	107.8	7.7		4634.2
10/21/2009	9.4	739	108.4	7.9		4635.3
01/12/2010	9.1	733	114.8	8.1		4634.5
04/27/2010	10.3	734	111.0	8.2		4634.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW65		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	24.9	734	128.1			
Date						
07/27/2009	9.5	697	106.5	8.0		4637.9
10/20/2009	9.2	699	106.6	7.9		4639.5
01/12/2010	9.2	696	108.5	8.0		4638.8
04/27/2010	7.7	696	99.1	8.1		4638.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW66		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	36.6 *	1430 *	333.4 *	7.4		4629.3
10/21/2009	35.8 *	1434 *	330 *	7.4		4629.1
01/13/2010	37.6 *	1411 *	358 *	7.2		4635.9
03/24/2010	37 *	1407 *	259.1 *	7.5	2.6	4635.0
04/06/2010	38.2 *	1405 *	319 *	7.4	2.7	4635.2
04/21/2010	36.2 *	1400 *	297.8 *	7.4	2.3	4635.7
04/27/2010	38.3 *	1386 *	306.4 *	7.5	2.2	4635.2
05/11/2010	37.2 *	1392 *	335.2 *	7.2	2.2	4635.0
05/25/2010	40 *	1394 *	352.8 *	7.1	2.3	4634.0
06/03/2010	42 *	1383 *	360.2 *	7.2	2.2	4634.5
06/09/2010	35.2 *	1380 *	328.2 *	7.3	2.1	4634.0
06/15/2010	36.2 *	1371 *	314.2 *	7.0	2.0	4632.6
06/21/2010	43.8 *	1378 *	318.8 *	6.9	2.1	4634.1
06/29/2010	35.8 *	1412 *	327.4 *	6.8	2.5	4635.3
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW67		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
07/27/2009	7.0	839	86.7	7.8		4634.7
10/20/2009	7.1	841	86.6	7.8		4640.4
01/12/2010	7.0	837	91.1	7.9		4640.4
04/27/2010	8.1	839	83.9	8.0		4640.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW69		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.7	1004	134.3			
Date						
08/03/2009	8.3	826	92.2	8.0		4638.7
10/19/2009	8.0	817	92.0	8.0		4639.3
01/12/2010	7.9	810	95.7	8.2		4639.0
04/28/2010	9.2	813	92.4	8.2		4639.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW17-2		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	20.0	1576	95.2			
Date						
08/11/2009	5.7	1310	65.3	8.2		4591.5
11/02/2009	5.6	1302	70.0	8.1		4593.4
02/01/2010	5.7	1302	63.6	7.6		4593.3
05/25/2010	5.4	1298	66.2	7.5		4594.4
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW19		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	20.0	1576	95.2			
Date						
08/11/2009	5.6	1312	67.0	7.8		4635.6
11/02/2009	5.3	1312	70.7	7.7		4637.1
02/01/2010	5.0	1312	63.4	7.5		4637.4
05/25/2010	5.1	1309	67.8	7.2		4638.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW21		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	20.0	1576	95.2			
Date						
08/11/2009	6.0	1174	71.6	8.4		4634.1
11/02/2009	5.7	1173	76.5	8.2		4636.7
02/01/2010	5.8	1159	71.3	7.7		4635.2
05/25/2010	5.7	1158	73.3	7.3		4636.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW23		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	20.0	1576	95.2			
Date						
08/11/2009	5.6	1256	67.9	7.8		4632.4
11/03/2009	5.6	1254	69.6	7.8		4634.5
02/03/2010	5.4	1253	66.7	7.5		4632.9
05/25/2010	5.4	1250	69.4	7.4		4633.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW25		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	20.0	1576	95.2			
Date						
08/11/2009	5.6	1249	65.5	8.0		4630.5
11/02/2009	5.6	1252	72.7	7.9		4631.2
02/01/2010	5.4	1248	69.3	7.7		4630.4
05/25/2010	5.7	1247	71.1	7.8		4631.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW27		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	20.0	1576	95.2			
Date						
08/11/2009	8.1	1198	102.1 *	8.2		4629.0
11/02/2009	8.3	1172	113 *	8.1		4630.2
02/01/2010	8.1	1158	105.7 *	7.8		4629.6
05/25/2010	8.7	1140	109.3 *	7.8		4630.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW29		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	20.0	1576	95.2			
Date						
08/11/2009	10.1	1280	119.4 *	8.1		4628.1
11/02/2009	10.5	1277	125.6 *	8.3		4628.8
02/02/2010	10.3	1272	121.2 *	8.2		4628.9
05/26/2010	11.8	1268	137 *	8.2		4629.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW31		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	20.0	1576	95.2			
Date						
08/11/2009	16.4	1464	134.8 *	7.9		4628.8
11/02/2009	17.1	1468	140.2 *	7.7		4629.2
02/02/2010	16.5	1468	131.8 *	7.7		4629.8
05/26/2010	17.1	1463	133.9 *	7.7		4630.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW33		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	20.0	1576	95.2			
Date						
08/11/2009	5.4	1272	67.1	7.8		4624.4
11/02/2009	5.6	1269	73.3	7.9		4625.1
02/02/2010	5.4	1266	68.0	7.8		4625.5
05/26/2010	5.8	1266	71.9	7.8		4626.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW34		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	20.0	1576	95.2			
Date						
08/11/2009	5.6	1342	64.7	8.0		4639.2
11/02/2009	5.0	1342	65.3	7.8		4638.2
02/03/2010	5.3	1338	62.6	7.2		4639.6
05/25/2010	4.8	1338	65.2	7.1		4639.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW35		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	20.0	1576	95.2			
Date						
08/11/2009	5.6	1275	67.7	7.5		4623.4
11/02/2009	5.6	1274	71.0	7.5		4622.9
02/02/2010	5.3	1273	66.8	7.4		4622.7
05/26/2010	5.7	1273	69.8	7.5		4623.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW36		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	20.0	1576	95.2			
Date						
08/11/2009	6.1	1212	73.1	8.0		4637.4
11/03/2009	6.0	1210	68.7	8.0		4637.8
02/02/2010	5.7	1210	64.2	7.7		4638.4
05/25/2010	6.1	1208	68.2	7.7		4638.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW37		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	20.0	1576	95.2			
Date						
08/11/2009	5.6	1268	67.9	8.0		4621.3
11/02/2009	5.3	1266	70.6	7.6		4620.8
02/02/2010	5.5	1265	70.7	7.3		4622.1
05/26/2010	5.7	1264	69.7	7.5		4622.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW38		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	20.0	1576	95.2			
Date						
08/11/2009	5.3	1336	67.3	8.3		4635.8
11/03/2009	5.0	1334	67.9	8.1		4635.6
02/02/2010	4.8	1333	64.1	7.5		4636.3
05/25/2010	5.4	1332	68.4	7.6		4637.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW39		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	20.0	1576	95.2			
Date						
08/11/2009	5.6	1256	64.7	7.8		4617.6
11/03/2009	5.4	1251	66.2	8.0		4617.1
02/03/2010	5.4	1254	63.0	7.5		4618.5
05/18/2010	5.0	1254	67.3	7.9		4620.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW40		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	20.0	1576	95.2			
Date						
08/11/2009	5.3	1350	63.2	8.2		4633.5
11/03/2009	4.9	1347	65.3	8.1		4634.1
02/04/2010	5.3	1353	61.9	7.8		4635.2
05/25/2010	5.4	1345	66.6	7.6		4635.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW41		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	20.0	1576	95.2			
Date						
08/11/2009	7.0	1029	131.4 *	8.1		4616.2
11/03/2009	6.6	1021	126.7 *	8.1		4617.5
02/03/2010	7.4	1008	121.8 *	7.9		4618.0
05/18/2010	6.7	1015	123.5 *	7.8		4619.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW42		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	20.0	1576	95.2			
Date						
08/11/2009	5.5	1342	64.1	8.1		4632.5
11/03/2009	5.3	1337	66.5	8.0		4633.0
02/03/2010	5.3	1332	60.7	7.6		4633.8
05/25/2010	5.6	1335	65.3	7.6		4633.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW43		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	20.0	1576	95.2			
Date						
08/11/2009	13.0	1413	142.1 *	8.0		4615.5
11/03/2009	13.2	1414	146.2 *	7.8		4616.6
02/03/2010	13.5	1420	143.8 *	7.6		4616.9
05/18/2010	13.8	1421	165.2 *	7.8		4618.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW44		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	20.0	1576	95.2			
Date						
08/17/2009	6.8	1378	87.1	7.8		4631.9
11/02/2009	8.0	1388	93.6	7.9		4631.8
02/02/2010	8.1	1397	98.5 *	7.8		4632.4
05/24/2010	8.6	1399	105.5 *	7.4		4633.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW45		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	20.0	1576	95.2			
Date						
08/17/2009	5.7	1090	116.9 *	7.9		4612.9
11/03/2009	5.3	1013	120 *	7.8		4614.1
02/03/2010	5.6	1022	116.4 *	7.6		4614.3
05/26/2010	6.3	1018	122 *	7.8		4613.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW46		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	20.6	2427	89.2			
Date						
08/11/2009	7.5	1175	196.4 *	7.7		4629.7
11/02/2009	7.0	1151	192.9 *	7.6		4629.8
02/02/2010	6.4	1119	189.2 *	7.9		4630.2
05/24/2010	7.1	1085	198.5 *	7.6		4632.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW47		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	20.0	1576	95.2			
Date						
08/17/2009	5.7	1044	133.3 *	7.9		4614.9
11/03/2009	5.6	1039	140.6 *	8.0		4616.2
02/02/2010	5.3	1000	139.1 *	8.0		4616.8
05/26/2010	5.7	970	159.6 *	7.9		4615.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW48-3		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	20.0	1576	95.2			
Date						
08/11/2009	6.0	1360	64.7	7.8		4629.7
11/02/2009	6.0	1358	66.8	7.8		4632.0
02/02/2010	5.7	1358	61.7	7.7		4631.6
05/18/2010	5.8	1361	63.6	7.8		4633.4
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW49		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	20.0	1576	95.2			
Date						
08/11/2009	4.9	890	131.9 *	7.9		4616.0
11/03/2009	4.8	845	130.3 *	8.0		4616.9
02/02/2010	5.2	829	134.9 *	7.9		4617.3
05/18/2010	5.6	826	140.1 *	7.9		4619.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW50		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	20.0	1576	95.2			
Date						
08/11/2009	5.4	1331	65.8	7.5		4626.6
11/02/2009	5.3	1330	66.9	7.8		4627.0
02/02/2010	5.3	1327	62.8	7.4		4628.5
05/18/2010	5.2	1330	67.8	7.6		4630.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW51		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	20.0	1576	95.2			
Date						
08/11/2009	6.0	1267	76.1	7.5		4613.5
11/03/2009	6.9	1264	75.1	7.6		4613.9
02/02/2010	6.0	1262	76.5	7.6		4616.1
05/18/2010	5.3	1261	77.1	7.6		4615.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW52		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	20.0	1576	95.2			
Date						
08/11/2009	5.7	1261	67.2	7.5		4621.5
11/02/2009	6.0	1260	68.5	7.8		4622.8
02/03/2010	6.1	1259	64.3	7.3		4623.6
05/18/2010	5.7	1259	67.1	7.7		4625.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW53		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	20.0	1576	95.2			
Date						
08/11/2009	6.0	1208	65.9	8.1		4613.6
11/03/2009	5.7	1206	66.2	8.0		4612.6
02/02/2010	5.7	1206	62.8	7.8		4615.0
05/26/2010	6.4	1204	64.0	7.8		4616.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW54		PERIMETER ORE ZONE MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	20.0	1576	95.2			
Date						
08/11/2009	5.6	1282	65.4	7.9		4619.4
11/02/2009	5.6	1280	65.9	7.8		4620.5
02/03/2010	5.4	1282	62.4	7.7		4621.1
05/18/2010	5.4	1278	65.8	7.7		4621.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

CHRISTENSEN PROJECT

Interior Shallow Sand Monitor Wells

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. MW-11S		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.1	2922	316.6			
Date						
07/27/2009	6.9	1270	99.7	7.7		4649.1
10/19/2009	7.1	1266	102.5	7.6		4650.3
01/12/2010	7.0	1256	103.9	7.7		4649.1
04/26/2010	7.1	1264	88.6	7.9		4650.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW46S		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.5	1087	184.4			
Date						
07/21/2009	8.8	1190 *	132.5	7.6		4555.5
10/06/2009	9.1	1199 *	134.9	7.8		4555.4
01/05/2010	8.5	1190 *	136.5	7.7		4555.2
04/05/2010	8.6	1195 *	130.7	7.8		4555.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW48S		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.2	1775	268.3			
Date						
07/21/2009	8.8	1798 *	129.4	7.5		4557.6
10/06/2009	9.2	1791 *	128.7	7.5		4557.6
01/05/2010	8.3	1792 *	130.1	7.4		4556.6
04/05/2010	8.7	1806 *	121.7	7.6		4557.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW50S		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.2	1775	268.3			
Date						
07/21/2009	11.5	1219	234.6	8.0		4559.1
10/06/2009	10.9	1225	239.6	8.0		4559.4
01/05/2010	9.2	1150	219.6	7.9		4558.1
04/05/2010	9.4	1190	221.6	7.8		4558.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW52S		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.2	1775	268.3			
Date						
07/21/2009	7.7	1396	104.8	7.7		4550.6
10/06/2009	8.2	1397	115.4	7.9		4550.3
01/06/2010	7.5	1383	118.3	8.0		4550.2
04/13/2010	8.2	1392	109.8	7.9		4550.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW54S		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.2	1775	268.3			
Date						
07/20/2009	6.7	1494	113.5	7.9		4559.8
10/05/2009	8.8	1501	118.5	7.8		4562.1
01/06/2010	7.6	1499	116.0	7.9		4561.8
04/05/2010	7.0	1500	118.7	7.8		4562.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW56S		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.5	1087	184.4			
Date						
07/20/2009	8.8	690	206.8 *	7.9		4560.2
10/06/2009	7.8	727	189.6 *	8.0		4562.5
01/05/2010	7.9	733	194.3 *	8.3		4561.7
04/05/2010	7.7	714	190.5 *	8.2		4561.0

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW58S		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.5	1087	184.4			
Date						
07/20/2009	8.0	908	119.1	8.4		4569.6
10/05/2009	10.9	907	118.9	8.0		4569.0
01/05/2010	7.4	902	116.8	8.6		4568.4
04/05/2010	6.9	899	112.9	8.5		4568.0

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW66S-2		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.2	1775	268.3			
Date						
07/20/2009	8.7	1471	114.7	8.0		4574.3
10/12/2009	9.6	1467	131.0	8.0		4574.4
01/05/2010	7.5	1463	130.6	8.0		4576.1
04/15/2010	7.1	1467	125.6	8.0		4574.5

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW68S		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	23.5	3560	304.0			
Date						
09/14/2009	13.3	2436	193.4	7.3		4573.8
12/08/2009	12.6	2428	179.7	7.1		4575.6
03/08/2010	13.1	2441	166.1	7.3		4574.3
06/07/2010	12.6	2449	188.2	7.3		4575.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW70S		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	63.4	21365	5861.3			
Date						
09/14/2009	11.1	1855	54.3	7.6		4561.3
12/08/2009	11.0	1899	59.3	7.7		4563.3
03/08/2010	11.1	1914	57.0	7.6		4561.9
06/08/2010	10.2	1786	62.7	7.5		4563.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW72S		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	63.4	21365	5861.3			
Date						
09/15/2009	11.9	2216	168.0	7.8		4567.7
12/08/2009	12.3	2213	160.4	7.5		4568.1
03/09/2010	11.7	2199	144.2	7.6		4567.3
06/08/2010	11.3	2167	149.5	7.5		4569.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW92S		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	23.5	3560	304.0			
Date						
09/14/2009	11.4	2385	137.5	7.2		4567.1
12/08/2009	11.9	2412	141.7	7.2		4569.9
03/08/2010	11.5	2403	127.9	7.3		4571.1
06/08/2010	10.6	2360	134.4	7.2		4570.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW94S		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	23.5	3560	304.0			
Date						
09/14/2009	13.4	2635	175.5	7.3		4552.2
12/08/2009	14.1	2647	180.9	7.2		4551.9
03/08/2010	13.7	2627	161.4	7.4		4549.0
06/08/2010	13.3	2634	174.0	7.1		4551.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW96S		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	23.5	3560	304.0			
Date						
09/14/2009	11.8	2716	237.5	7.3		4566.1
12/08/2009	12.8	2711	245.8	7.2		4566.9
03/08/2010	11.3	2699	229.2	7.3		4566.6
06/08/2010	10.4	2634	214.2	7.1		4566.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW98S		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	63.4	21365	5861.3			
Date						
09/15/2009	12.7	2637	167.1	7.4		4556.6
12/08/2009	13.5	2648	169.1	7.4		4557.5
03/09/2010	12.7	2636	167.9	7.3		4558.2
06/08/2010	12.1	2630	163.4	7.1		4559.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW100S		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	23.5	3560	304.0			
Date						
09/14/2009	12.4	2585	162.5	7.3		4554.1
12/08/2009	13.1	2600	165.0	7.0		4554.5
03/09/2010	12.5	2591	163.7	7.2		4555.1
06/08/2010	11.9	2588	160.1	7.1		4554.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW112S		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	63.4	21365	5861.3			
Date						
09/15/2009	18.1	1531	191.5	9.9		4553.2
12/16/2009	26.8	1600	197.0	9.3		4553.2
03/09/2010	20.4	1685	175.4	9.9		4553.2
06/08/2010	19.9	1623	174.4	8.7		4554.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW117S		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.6	768	144.5			
Date						
09/15/2009	8.0	730	136.0	8.1		4537.6
12/08/2009	8.0	732	130.8	8.0		4541.6
03/09/2010	7.7	733	129.1	8.0		4539.2
06/08/2010	7.4	735	128.6	7.9		4538.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 4		CHRISTENSEN RANCH				For time period
Well I.D. 4SM-1		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	8.8	1570	142.7			
Date						
09/01/2009	8.0	1084	123.0	8.0		4611.1
12/01/2009	8.3	1072	115.5	8.2		4611.9
03/03/2010	7.2	1055	110.9	7.5		4613.1
06/09/2010	6.5	1044	111.9	7.9		4612.1
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 4		CHRISTENSEN RANCH				For time period
Well I.D. 4SM-4		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	8.8	1570	142.7			
Date						
09/01/2009	6.4	1065	105.9	7.5		4598.3
12/01/2009	6.2	1082	114.4	7.4		4595.3
03/03/2010	6.7	1079	106.1	7.2		4595.3
06/09/2010	6.4	1050	100.5	7.4		4598.4
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 4	CHRISTENSEN RANCH					For time period
Well I.D. 4SM-8	INTERIOR SHALLOW SAND MONITOR WELL					7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	8.8	1570	142.7			
Date						
09/01/2009	6.4	837	115.7	7.8		4594.3
12/01/2009	6.4	848	115.8	7.8		4597.6
03/03/2010	6.4	853	112.3	7.5		4597.6
06/09/2010	5.8	820	106.9	7.6		4594.5
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 4	CHRISTENSEN RANCH					For time period
Well I.D. 4SRM-07	INTERIOR SHALLOW SAND MONITOR WELL					7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	19.4	1175	447.1			
Date						
09/01/2009	9.0	514	238.3	8.0		4578.8
12/01/2009	9.9	511	238.1	8.0		4579.6
03/03/2010	9.7	512	229.8	7.7		4581.7
06/09/2010	8.7	516	233.3	7.9		4580.2
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5	CHRISTENSEN RANCH					For time period
Well I.D. 5SM1	INTERIOR SHALLOW SAND MONITOR WELL					7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.1	2922	316.6			
Date						
07/27/2009	29.8 *	1180	146.4	7.5		4631.8
10/27/2009	25.7 *	1140	135.4	7.6		4631.9
01/18/2010	23.3 *	1223	118.1	7.5		4632.3
04/26/2010	22.3	1231	123.1	7.6		4632.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5	CHRISTENSEN RANCH					For time period
Well I.D. 5SM2	INTERIOR SHALLOW SAND MONITOR WELL					7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.1	2922	316.6			
Date						
07/27/2009	13.8	1192	159.3	8.2		4678.8
10/19/2009	15.2	1188	163.0	8.3		4678.6
01/12/2010	15.3	1190	160.0	8.0		4679.4
04/26/2010	12.8	1195	154.2	8.1		4679.0

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5	CHRISTENSEN RANCH					For time period
Well I.D. 5SM3	INTERIOR SHALLOW SAND MONITOR WELL					7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.1	2922	316.6			
Date						
07/27/2009	6.4	1537	76.3	8.2		4677.6
10/19/2009	6.7	1536	78.3	7.9		4677.4
01/12/2010	6.4	1543	77.3	7.7		4677.6
04/26/2010	8.0	1541	74.1	7.9		4678.0

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5	CHRISTENSEN RANCH					For time period
Well I.D. 5SM5	INTERIOR SHALLOW SAND MONITOR WELL					7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.1	2922	316.6			
Date						
07/27/2009	6.0	1329	99.5	7.3		4683.8
10/19/2009	6.0	1322	99.5	7.3		4683.1
01/12/2010	5.7	1318	101.1	7.6		4683.3
04/27/2010	5.5	1324	99.1	7.6		4684.0

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5SM6		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.1	2922	316.6			
Date						
07/27/2009	9.1	580	170.7	8.0		4673.9
10/19/2009	10.1	586	163.6	7.7		4673.7
01/12/2010	9.1	586	162.7	8.1		4674.0
04/26/2010	10.5	576	150.2	8.1		4674.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5SM7		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.1	2922	316.6			
Date						
07/27/2009	14.4	1189	226.9	7.9		4668.6
10/19/2009	12.4	1153	218.0	7.7		4668.2
01/12/2010	11.5	1176	196.7	7.7		4668.5
04/28/2010	10.6	1192	171.0	7.6		4669.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. WCOW-04		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.1	2922	316.6			
Date						
07/27/2009	7.3	1010	131.9	7.8		4651.3
10/19/2009	7.2	1008	122.7	7.5		4651.8
01/13/2010	6.6	998	121.0	7.9		4653.7
04/26/2010	7.3	994	113.6	8.0		4652.1
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6SM1		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.0	1966	289.1			
Date						
08/17/2009	7.4	1173	112.7	8.1		4702.0
11/03/2009	8.0	1215	113.3	8.1		4702.6
02/01/2010	6.5	968	107.5	8.1		4702.7
05/18/2010	6.1	930	109.4	8.1		4705.0

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6SM2		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	24.2	3574	238.2			
Date						
08/11/2009	8.2	1922	78.6	7.5		4708.3
11/03/2009	7.6	1950	78.4	7.4		4708.2
02/01/2010	7.6	1954	74.3	7.3		4708.6
05/18/2010	7.5	1947	77.6	7.4		4710.0

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6SM3		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	24.2	3574	238.2			
Date						
08/11/2009	10.1	2130	73.6	8.0		4716.5
11/03/2009	10.2	2110	80.6	7.8		4716.9
02/03/2010	10.2	2100	70.9	7.4		4716.5
05/18/2010	12.7	2080	86.0	7.9		4719.0

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 6	CHRISTENSEN RANCH					For time period
Well I.D. 6SM4	INTERIOR SHALLOW SAND MONITOR WELL					7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	24.2	3574	238.2			
Date						
08/11/2009	8.8	1515	25.9	9.2		4716.6
11/03/2009	8.6	1590	25.2	9.4		4717.6
02/01/2010	7.6	1594	24.2	9.6		4716.8
05/18/2010	7.3	1500	25.7	9.7		4719.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6	CHRISTENSEN RANCH					For time period
Well I.D. 6SM5	INTERIOR SHALLOW SAND MONITOR WELL					7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.0	1966	289.1			
Date						
08/11/2009	8.9	1621	99.4	7.5		4709.9
11/03/2009	10.0	1588	121.8	7.4		4708.6
02/01/2010	9.4	1628	99.5	7.2		4708.7
05/18/2010	7.9	1570	97.2	7.2		4710.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6	CHRISTENSEN RANCH					For time period
Well I.D. 6SM6	INTERIOR SHALLOW SAND MONITOR WELL					7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.0	1966	289.1			
Date						
08/11/2009	12.1	504	241.6	7.8		4695.0
11/02/2009	11.8	505	243.7	7.9		4695.6
02/03/2010	11.4	509	227.5	7.7		4695.6
05/26/2010	11.5	490	232.2	8.0		4698.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6SM7		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	25.6	889	330.0			
Date						
08/11/2009	11.8	484	233.6	7.9		4695.2
11/02/2009	11.4	483	232.3	8.1		4695.3
02/03/2010	11.1	487	221.7	7.7		4696.1
05/26/2010	11.5	484	220.0	7.9		4695.2
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6SM8		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	24.2	3574	238.2			
Date						
08/11/2009	9.9	2181	51.7	7.3		4729.9
11/02/2009	10.1	2169	52.8	7.0		4730.0
02/03/2010	10.1	2165	50.2	7.1		4729.9
05/24/2010	10.8	2182	53.3	7.0		4730.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6SM9		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	24.2	3574	238.2			
Date						
08/11/2009	10.2	1945	21.4	7.8		4731.0
11/03/2009	10.4	1966	36.8	7.8		4730.8
02/01/2010	9.5	1967	16.5	7.9		4730.2
05/24/2010	10.5	1876	14.4	7.9		4730.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6SM10		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	25.6	889	330.0			
Date						
08/11/2009	11.6	653	253.4	8.0		4685.3
11/02/2009	11.7	654	250.8	8.0		4685.3
02/01/2010	10.9	647	232.8	7.9		4685.3
05/24/2010	11.7	635	234.8	7.7		4686.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6SM11		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	24.2	3574	238.2			
Date						
08/11/2009	13.0	2589	63.6	7.8		4729.6
11/02/2009	13.6	2588	70.6	7.7		4729.9
02/01/2010	12.9	2595	61.3	7.7		4729.8
05/24/2010	13.2	2600	63.6	7.5		4730.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6SM12		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	24.2	3574	238.2	8.5		
Date						
08/11/2009	19.8	2725	140.1	7.8		4730.2
11/03/2009	20.0	2730	133.6	7.6		4730.0
02/01/2010	18.0	2704	116.8	7.9		4729.9
05/24/2010	16.9	2700	120.7	7.0		4730.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6SM13		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	24.2	3574	238.2			
Date						
08/11/2009	12.5	2340	72.2	7.8		4731.1
11/02/2009	12.9	2340	76.2	7.7		4730.3
02/01/2010	12.2	2330	69.1	7.3		4730.2
05/24/2010	12.9	2334	72.9	7.0		4730.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6SM14		INTERIOR SHALLOW SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.0	1966	289.1			
Date						
08/11/2009	7.5	1156	120.5	8.0		4708.9
11/02/2009	7.7	1160	121.8	7.8		4708.8
02/01/2010	7.2	1167	113.3	7.8		4708.7
05/24/2010	7.8	1150	113.8	7.6		4709.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

CHRISTENSEN RANCH PROJECT

Interior Deep Sand Monitor Wells

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. MW-12D		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.8	1017	420.9			
Date						
07/27/2009	9.0	541	207.3	8.1		4603.6
10/19/2009	9.4	549	200.9	8.1		4604.6
01/12/2010	9.0	554	191.1	8.2		4605.6
04/26/2010	9.5	561	194.3	8.2		4605.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW45D		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.7	753	153.3			
Date						
07/21/2009	9.5	649	106.0	8.3		4546.8
10/06/2009	9.7	643	104.8	8.2		4545.7
01/05/2010	9.5	645	105.8	8.3		4546.8
04/05/2010	9.6	653	99.1	8.3		4546.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW47D		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.7	753	153.5			
Date						
07/21/2009	9.3	651	104.9	8.4		4546.7
10/06/2009	9.6	652	106.7	8.4		4548.0
01/05/2010	9.4	652	106.4	8.5		4549.3
04/05/2010	9.5	652	98.9	8.4		4549.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW49D		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.7	753	153.3			
Date						
07/21/2009	10.0	634	123.9	8.4		4548.0
10/05/2009	9.4	640	123.8	8.2		4550.4
01/05/2010	9.3	648	122.5	8.3		4550.8
04/05/2010	9.3	644	120.1	8.3		4551.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW51D		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.7	753	153.3			
Date						
07/21/2009	10.3	641	113.3	8.2		4542.1
10/06/2009	10.1	644	108.9	8.0		4543.0
01/06/2010	10.2	639	114.6	8.3		4543.6
04/13/2010	11.3	647	110.0	8.3		4543.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW53D		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.7	753	153.3			
Date						
07/27/2009	9.9	648	99.8	8.4		4551.2
10/05/2009	11.1	645	99.2	8.2		4553.0
01/06/2010	10.4	646	101.0	8.5		4553.1
04/05/2010	9.9	650	96.4	8.4		4553.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW55D		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.7	753	153.3			
Date						
07/20/2009	9.7	608	117.0	8.7		4552.3
10/12/2009	12.1	603	126.1	8.5		4553.3
01/05/2010	9.7	613	113.6	8.7		4551.0
04/15/2010	10.2	610	116.2	8.7		4554.3
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW57D		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.7	753	153.3			
Date						
07/20/2009	10.7	636	102.9	8.3		4555.9
10/12/2009	11.4	635	103.5	8.2		4557.1
01/05/2010	10.1	634	105.6	8.4		4558.1
04/15/2010	11.2	635	102.8	8.4		4558.3
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW65D		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.7	753	153.3			
Date						
07/20/2009	9.3	621	111.3	9.1		4564.1
10/12/2009	10.1	624	115.6	9.0		4564.0
01/05/2010	9.8	625	118.3	9.1		4566.0
04/15/2010	9.4	624	115.3	9.0		4564.7
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW67D		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	12.9	789	134.0			
Date						
09/14/2009	9.6	602	143.7 *	8.8		4540.4
12/08/2009	9.9	609	131.6	8.7		4542.4
03/08/2010	9.2	620	136.2 *	8.7		4542.6
06/07/2010	9.8	614	145.7 *	8.6		4543.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW69D		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	12.9	789	134.0			
Date						
09/14/2009	10.0	643	120.6	8.7		4542.1
12/08/2009	10.2	646	115.6	8.6		4544.0
03/08/2010	9.4	647	119.6	8.7		4543.9
06/07/2010	9.5	637	113.3	8.6		4544.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW71D		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	12.9	789	134.0			
Date						
09/15/2009	9.6	647	111.4	8.9		4544.6
12/08/2009	10.3	648	111.0	8.7		4548.1
03/09/2010	9.3	646	101.9	8.7		4547.0
06/07/2010	8.9	646	105.5	8.7		4545.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW91D		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	12.9	789	134.0			
Date						
09/14/2009	10.4	597	136.9 *	8.4		4539.6
12/08/2009	10.2	608	131.9	8.0		4541.8
03/08/2010	9.5	614	128.9	8.1		4541.3
06/07/2010	8.8	593	134.2 *	8.2		4542.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW93D		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	12.9	789	134.0			
Date						
09/14/2009	9.8	657	102.9	8.4		4537.7
12/08/2009	11.1	653	104.0	8.2		4537.2
03/08/2010	9.8	652	97.3	8.2		4539.3
06/07/2010	9.4	649	100.7	8.2		4540.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW95D		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	12.9	789	134.0			
Date						
09/14/2009	9.4	666	105.6	8.4		4538.0
12/08/2009	10.3	650	112.7	8.2		4540.0
03/08/2010	9.7	660	108.7	8.3		4540.0
06/07/2010	9.1	647	105.2	8.2		4541.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW97D		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.8	723	143.3			
Date						
09/15/2009	11.0	626	103.7	8.4		4536.6
12/08/2009	10.9	631	104.4	8.0		4536.0
03/09/2010	10.2	623	103.3	8.2		4540.6
06/07/2010	9.9	623	103.5	8.2		4539.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW99D		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.8	723	143.3			
Date						
09/14/2009	10.2	619	105.6	8.4		4534.1
12/08/2009	11.3	611	109.2	8.3		4535.3
03/08/2010	10.9	624	106.8	8.3		4536.3
06/07/2010	10.2	609	105.0	8.2		4535.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW113D		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	13.8	723	143.3			
Date						
09/15/2009	9.8	615	110.8	8.9		4534.2
12/08/2009	10.4	620	112.6	8.6		4535.2
03/08/2010	10.3	615	106.7	8.8		4536.0
06/07/2010	9.5	617	105.5	8.7		4535.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 4		CHRISTENSEN RANCH				For time period
Well I.D. 4DM-1		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	14.1	712	189.2			
Date						
09/01/2009	8.4	562	117.7	8.6		4573.2
12/01/2009	8.2	563	116.1	8.4		4574.5
03/03/2010	8.6	562	119.2	8.1		4576.7
06/09/2010	8.0	566	112.6	8.3		4573.1
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 4		CHRISTENSEN RANCH				For time period
Well I.D. 4DM-4		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	14.1	712	189.2			
Date						
09/01/2009	7.8	511	134.6	8.6		4569.2
12/01/2009	7.8	513	132.9	8.6		4570.0
03/03/2010	8.1	510	125.4	8.2		4570.0
06/09/2010	7.2	509	128.3	8.4		4571.3
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 4		CHRISTENSEN RANCH				For time period
Well I.D. 4DM-8		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	14.1	712	189.2			
Date						
09/01/2009	8.3	514	143.1	8.6		4565.2
12/01/2009	8.9	515	140.8	8.4		4567.6
03/03/2010	8.7	513	142.3	8.2		4568.4
06/09/2010	8.1	515	141.1	8.4		4567.3
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 4		CHRISTENSEN RANCH				For time period
Well I.D. 4DRM-07		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	14.1	712	189.2			
Date						
09/01/2009	8.1	526	130.3	8.5		4570.3
12/01/2009	8.0	525	127.5	8.4		4572.3
03/03/2010	8.2	525	121.2	8.1		4574.1
06/09/2010	7.7	526	129.9	8.3		4573.5
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5DM1A		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.8	1017	420.9			
Date						
07/27/2009	6.0	402	197.0	8.2		4602.0
10/26/2009	6.2	402	190.2	8.2		4603.6
01/13/2010	6.3	402	197.1	8.6		4603.6
04/26/2010	6.3	403	188.6	8.6		4604.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5DM2		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.8	1017	420.9			
Date						
07/27/2009	11.0	630	120.7	8.7		4614.4
10/19/2009	10.9	626	114.1	9.3		4615.2
01/12/2010	11.2	628	116.8	9.2		4617.3
04/27/2010	11.0	625	116.9	9.2		4617.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5DM3		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.8	1017	420.9			
Date						
07/27/2009	10.2	556	120.7	8.3		4603.6
10/19/2009	10.3	558	111.5	8.5		4605.0
01/12/2010	10.1	556	109.0	8.4		4605.7
04/26/2010	10.6	575	110.0	8.5		4605.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5DM4		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.8	1017	420.9			
Date						
07/27/2009	7.2	442	226.1	8.4		4601.2
10/19/2009	6.0	428	207.2	8.5		4602.4
01/12/2010	6.0	426	211.9	8.6		4604.4
04/26/2010	7.1	423	206.9	8.5		4603.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5DM5		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.8	1017	420.9			
Date						
07/27/2009	5.6	446	222.7	8.3		4599.7
10/19/2009	6.0	447	226.3	8.3		4601.7
01/12/2010	5.7	446	231.2	8.5		4602.0
04/27/2010	6.6	445	229.2	8.4		4601.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5DM7		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.8	1017	420.9			
Date						
07/27/2009	8.1	537	228.3	8.4		4601.1
10/19/2009	8.0	535	231.6	8.4		4602.3
01/12/2010	7.8	527	237.1	8.5		4601.9
04/28/2010	9.0	526	223.0	8.5		4601.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. WCOW-37D		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.8	1017	420.9			
Date						
07/27/2009	8.6	462	226.8	8.3		4599.3
10/19/2009	8.6	461	223.9	8.2		4601.1
01/12/2010	8.5	461	229.7	8.4		4601.2
04/26/2010	10.0	459	219.3	8.4		4601.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6DM1		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	21.9	1682	129.4			
Date						
08/17/2009	8.0	796	88.7	8.2		4612.2
11/03/2009	8.4	802	97.0	8.1		4612.1
02/01/2010	8.5	796	90.4	8.0		4614.0
05/18/2010	7.8	799	90.1	7.7		4615.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6DM2		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	21.9	1682	129.4			
Date						
08/11/2009	6.6	1127	65.2	8.0		4613.5
11/03/2009	7.5	1130	68.9	8.1		4614.9
02/01/2010	7.4	1123	65.9	8.7		4615.6
05/18/2010	6.4	1127	67.4	8.8		4617.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6DM3-2		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	21.9	1682	129.4			
Date						
08/11/2009	6.4	1128	68.1	7.2		4614.5
11/03/2009	6.3	1137	70.8	7.0		4615.1
02/01/2010	6.3	1140	66.8	7.2		4616.3
05/18/2010	6.1	1139	71.0	7.3		4618.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6DM4-2		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	21.9	1682	129.4			
Date						
08/11/2009	6.4	1156	72.3	7.8		4615.4
11/03/2009	6.3	1158	74.2	7.7		4617.1
02/01/2010	6.4	1157	69.8	7.8		4617.8
05/18/2010	6.1	1156	74.4	7.9		4619.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6DM5		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	21.9	1682	129.4			
Date						
08/11/2009	6.7	1142	72.4	7.3		4617.0
11/03/2009	6.4	1138	74.3	7.1		4618.9
02/01/2010	6.4	1140	69.6	7.1		4619.3
05/18/2010	6.3	1140	74.9	7.3		4621.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6DM6		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	21.9	1682	129.4			
Date						
08/11/2009	7.7	832	86.4	7.7		4625.3
11/02/2009	8.1	836	91.2	7.9		4625.8
02/02/2010	7.0	831	83.6	8.2		4627.1
05/26/2010	7.9	829	81.6	8.1		4627.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6DM7		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	21.9	1682	129.4			
Date						
08/11/2009	7.6	863	84.4	8.3		4634.7
11/02/2009	7.8	862	83.9	8.0		4634.2
02/03/2010	7.8	867	80.8	7.5		4635.9
05/25/2010	7.7	866	84.7	7.5		4636.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6DM8		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	21.9	1682	129.4			
Date						
08/11/2009	7.5	850	83.9	8.0		4630.0
11/02/2009	7.0	849	83.9	8.1		4630.4
02/01/2010	7.1	853	80.7	7.8		4631.3
05/24/2010	7.3	846	83.2	7.7		4631.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6DM9		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	21.9	1682	129.4			
Date						
08/11/2009	7.6	828	83.9	7.6		4625.9
11/02/2009	7.7	828	88.9	7.5		4626.5
02/01/2010	7.1	832	82.8	7.3		4627.2
05/24/2010	7.4	826	83.4	7.1		4627.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6DM10		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	21.9	1682	129.4			
Date						
08/11/2009	8.0	846	90.6	8.1		4625.9
11/02/2009	7.4	844	85.7	8.0		4626.8
02/01/2010	7.0	845	87.0	8.0		4627.6
05/24/2010	7.6	843	85.6	7.7		4628.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6DM11		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.9	1101	385.3			
Date						
08/11/2009	8.7	603	150.0	8.1		4632.2
11/02/2009	9.1	600	149.8	8.2		4633.2
02/01/2010	9.8	608	145.8	7.6		4633.3
05/24/2010	10.2	599	148.9	7.7		4634.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6DM12		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.9	1101	385.3			
Date						
08/11/2009	7.7	536	114.2	8.1		4633.9
11/02/2009	7.9	535	117.3	8.4		4634.2
02/01/2010	7.6	538	117.3	8.3		4634.9
05/24/2010	8.2	536	116.2	8.2		4636.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6DM13		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	22.9	1101	385.3			
Date						
08/11/2009	7.6	630	177.8	8.1		4630.0
11/02/2009	7.5	634	178.7	8.1		4631.1
02/01/2010	7.4	636	174.8	8.0		4632.8
05/24/2010	8.0	618	180.7	7.8		4633.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6DM14		INTERIOR DEEP SAND MONITOR WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	21.9	1682	129.4			
Date						
08/11/2009	7.5	828	85.1	8.1		4621.2
11/03/2009	7.5	826	88.0	7.9		4622.3
02/01/2010	7.1	829	90.4	7.9		4622.6
05/24/2010	7.6	828	86.1	7.9		4623.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

CHRISTENSEN RANCH PROJECT

Perimeter Ore Zone Trend Wells

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW78T		PERIMETER ORE ZONE TREND WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit						
Date						
09/14/2009	9.5	680	95.2	8.3		4572.5
12/08/2009	9.5	685	96.8	8.2		4573.1
03/09/2010	9.4	665	90.5	8.1		4568.6
06/07/2010	8.6	678	91.3	8.4		4571.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW87T		PERIMETER ORE ZONE TREND WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit						
Date						
09/15/2009	9.9	664	95.3	8.2		4561.0
12/15/2009	9.8	660	95.5	8.1		4561.8
03/08/2010	10.5	667	94.3	8.2		4558.7
06/07/2010	9.2	666	93.0	8.1		4558.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5TW-1		PERIMETER ORE ZONE TREND WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit						
Date						
07/27/2009	8.2	718	98.3	7.8		4634.6
10/19/2009	8.1	715	99.8	7.8		4636.1
01/12/2010	8.2	714	99.1	8.2		4636.3
04/28/2010	8.4	716	95.0	8.2		4636.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6TW1		PERIMETER ORE ZONE TREND WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit						
Date						
08/11/2009	17.2	1370	396.8	7.4		4629.3
11/03/2009	17.0	1284	393.6	7.3		4631.0
02/02/2010	16.5	1245	357.0	7.3		4630.9
05/24/2010	16.7	1193	370.0	7.2		4631.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6TW2		PERIMETER ORE ZONE TREND WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit						
Date						
08/11/2009	36.4	1796	210.4	7.5		4630.5
11/02/2009	38.2	1815	215.1	7.8		4630.7
02/02/2010	53.8	1650	264.2	8.0		4630.8
05/26/2010	65.0	1660	308.2	8.0		4634.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6TW3		PERIMETER ORE ZONE TREND WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit						
Date						
08/11/2009	5.6	1278	68.6	7.3		4632.5
11/02/2009	5.6	1280	68.8	7.4		4632.6
02/01/2010	5.3	1278	63.9	7.3		4632.3
05/24/2010	5.8	1277	68.7	7.3		4633.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6TW4		PERIMETER ORE ZONE TREND WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit						
Date						
08/11/2009	40.2	2157	334.6	7.4		4628.4
11/03/2009	37.8	2139	330.8	7.0		4630.3
02/02/2010	38.6	2133	324.2	7.0		4630.2
05/26/2010	40.0	2100	327.8	7.1		4633.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6TW5		PERIMETER ORE ZONE TREND WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit						
Date						
08/11/2009	48.2	2663	582.4	7.4		4629.1
11/03/2009	48.4	2680	574.4	7.2		4630.8
02/04/2010	31.0	2701	307.2	7.2		4630.9
05/26/2010	38.2	2699	345.2	7.2		4631.1
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

CHRISTENSEN RANCH PROJECT

Interior Deep Sand Trend Wells

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5DM8T		INTERIOR DEEP SAND TREND WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit						
Date						
07/27/2009	8.7	589	125.7	8.1		4628.6
10/19/2009	8.7	589	126.8	8.0		4630.3
01/12/2010	8.5	588	129.5	8.2		4631.1
04/27/2010	9.1	589	121.1	8.4		4631.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5DM9T		INTERIOR DEEP SAND TREND WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit						
Date						
07/27/2009	10.0	508	105.9	8.2		4631.4
10/19/2009	10.5	507	107.6	8.1		4633.0
01/12/2010	10.1	506	110.5	8.3		4633.9
04/27/2010	11.7	506	101.6	8.4		4633.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6DT1		INTERIOR DEEP SAND TREND WELL				7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit						
Date						
08/11/2009	7.7	818	88.6	8.0		4618.1
11/02/2009	7.6	825	89.6	7.9		4618.2
02/03/2010	7.3	821	84.7	7.4		4619.4
05/26/2010	9.0	815	92.1	7.9		4619.0
*Values Exceed Upper Control Limit						
Negative U308 Grades Indicate Less Than Detection Limit						

IRIGARAY PROJECT

USMT – 5I7 Wells

Well I.D. M-219			IRIGARAY RANCH USMT			For time period 7/1/2009 to 6/30/2009
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit						
Date						
06/22/2010	11.3	649	78.9	8.5		

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Well I.D. M-220			IRIGARAY RANCH USMT			For time period 7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit						
Date						
06/22/2010	13.7	769	116.0	8.6		

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Well I.D. M-221			IRIGARAY RANCH USMT			For time period 7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit						
Date						
06/22/2010	10.8	625	84.8	8.8		

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Well I.D. M-1		IRIGARAY RANCH 517				For time period 7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit						
Date						
06/22/2010	34.1	868	172.0	8.1		

*Values Exceed Upper Control Limit
Negative U308 Grades Indicate Less Than Detection Limit

Well I.D. NM-3		IRIGARAY RANCH 517				For time period 7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit						
Date						
06/22/2010	10.9	632	110.7	8.7		

*Values Exceed Upper Control Limit
Negative U308 Grades Indicate Less Than Detection Limit

Well I.D. M-4		IRIGARAY RANCH 517				For time period 7/1/2009 to 6/30/2010
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit						
Date						
06/22/2010	27.6	866	120.4	8.3		

*Values Exceed Upper Control Limit
Negative U308 Grades Indicate Less Than Detection Limit

Well I.D. SM-1		IRIGARY RANCH 517			7/1/2009 to 6/30/2010	For time period
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit						
Date						
06/22/2010	26.0	1098	274.0	8.6		

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

APPENDIX 3

APPENDIX 3

Reclamation Performance Bond Estimate

Uranium One USA, Inc.
SUMMARY OF RECLAMATION/RESTORATION BOND ESTIMATE, August 2009 - July 2010
WDEQ PERMIT NO. 478/USNRC LICENSE SUA-1341
TABLE 1

				WDEQ Estimate	NRC Estimate
I	GROUNDWATER RESTORATION - Worksheet 1:			$4,461,911	$4,751,711
II	DECOMMISSIONING AND SURFACE RECLAMATION:				
A.	Process Plant(s) Equipment Removal and Disposal Worksheet 2			$185,429	$185,429
B.	Plant Building(s) Demolition and Disposal Worksheet 3			$750,473	$750,473
C.	Process Pond Sludge and Liner Handling Worksheet 4			$1,315,304	$1,315,304
D.	Well Abandonment Worksheet 5			$632,357	$632,357
E.	Wellfield Equipment Removal and Disposal Worksheet 6			$1,086,537	$1,086,537
F.	Topsoil Replacement and Revegetation Worksheet 7			$1,112,245	$1,112,245
G.	Miscellaneous Reclamation Activities Worksheet 8			$124,161	$124,161
Sub Total - Decommissioning and Surface Reclamation				$5,206,505	$5,206,505
TOTAL RESTORATION AND RECLAMATION				$9,668,417	$9,958,216
Adjustment for Inflation =		7.4%		$717,864	$739,382
(Sep. 2006 CPI All Urban Consumers, 202.9, to June 2010, 217.965)					
	SUBTOTAL			$10,386,281	$10,697,597
Miscellaneous Costs Associated with Third Party Contractors					
		WDEQ	NRC		
	Project Design	0.5%	0%		
	Contractor Profit & Mobilization	8%	3%		
	Pre-construction Investigation	1%			
	Project Management	3%	2%		
	On-site monitoring	0.5%			
	Site Security & Liability Assurance	1%	0.0%		
	Longterm Administration	2%			
Subtotal miscellaneous additions to bond		16.0%	5.0%	$1,661,805	$534,879.87
	SUBTOTAL			$12,048,086	$11,232,477
		WDEQ	NRC		
Contingency		4%	15%	$481,923	$1,684,872
GRAND TOTAL RESTORATION AND RECLAMATION				$12,530,009	$12,917,349

Uranium One USA, Inc.
2009 Restoration and Reclamation Costs
Wyoming Operations
WORKSHEET 1

GROUNDWATER RESTORATION	Irigaray Mine Unit(s) #1 Thru #5	Irigaray Mine Unit(s) #6 Thru #9	Christensen Mine Unit #2	Christensen Mine Unit #3	Christensen Mine Unit #4	Christensen Mine Unit #5	Christensen Mine Unit #6	Christensen Mine Unit #7	Christensen Mine Unit #8
Technical Assumptions:									
Wellfield Area (Ft²)	522720	784080	890000	798944	510088	1210968	2021243	1391963	2594100
Wellfield Area (Acres)	12.00	18.00	20.43	18.34	11.71	27.80	46.40	31.96	59.6
Affected Ore Zone Area (Ft²)	522720	784080	890000	798944	550193	1346004	2058344	1391963	2594100
Avg Completed Thickness (Ft)	15.0	18.0	11.0	10.0	12.7	19.9	21.8	18.0	20.0
Affected Volume:									
Factor For Vertical Flare	20%	20%	20%	20%	20%	20%	20%	20%	20%
Factor For Horizontal Flare	20%	20%	20%	20%	20%	20%	20%	20%	20%
Total Volume (Ft³)	11290752	20323353.6	14097600	11504793.6	10061929.6	38593685.7	64615534.85	36079680.96	74710080
Porosity	26.0%	26.0%	26.0%	26.0%	26.0%	26.0%	26.0%	26.0%	26.0%
Gallons Per Cubic Foot	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48
Gallons Per Pore Volume	21958254.49	39524858.1	27417012.5	22374522.6	19568440.7	75057000	125664292.2	70167763.53	145296163.6
Number of Wells in Unit(s)									
Production Wells	150	274	91	176	81	134	178	377	125
Injection Wells	310	330	195	267	130	188	202	160	250
Monitor Wells	150	165	50	47	33	72	64	66	100
Baseline Water Quality wells (prod or inj)	19	27	24	19	15	25	47	38	50
Average Well Spacing (Ft)	35	35	85	70	85	85	100	70	75
Average Well Depth (Ft)	250	250	345	300	430	450	520	550	380
I GROUNDWATER SWEEP									
A. PLANT & OFFICE									
Operating Assumptions:									
Flowrate (gpm)			200	200	200	200	200	200	200
PV's Required			1	1	1	1	1	1	0
Total Gallons For Treatment			27417012.5	22374522.6	19568440.7	75057000	125664292.2	70167763.53	0
Total KGals for Treatment			27417	22375	19568	75057	125664	70168	0
Cost Assumptions:									
Power									
Avg Connected Hp			40.00	40.00	40.00	40.00	40.00	40.00	40.00
Kwh's/Hp			0.83	0.83	0.83	0.83	0.83	0.83	0.83
$/Kwh			$0.0365	$0.0365	$0.0365	$0.0365	$0.0365	$0.0365	$0.0365
Gallons Per Minute			200	200	200	200	100	100	100
Gallons Per Hour			12000	12000	12000	12000	6000	6000	6000
Cost Per Hour			1.21	1.21	1.21	1.21	1.21	1.21	1.21
Cost Per Gallon			0.00010	0.00010	0.00010	0.00010	0.00020	0.00020	0.00020
Cost Per KGal ($)			$0.101	$0.101	$0.101	$0.101	$0.202	$0.202	$0.202
Chemicals									
Antiscalent ($/Kgals)			$0.0947	$0.0947	$0.0947	$0.0947	$0.0947	$0.0947	$0.0947
Elution ($/KGals)			$0.099	$0.099	$0.099	$0.099	$0.099	$0.099	$0.099
Repair & Maintenance ($/KGals)			$0.0379	$0.0379	$0.0379	$0.0379	$0.0379	$0.0379	$0.0379
Analysis ($/KGals)			$0.131	$0.127	$0.115	$0.050	$0.056	$0.000	$0.000
Total Cost Per KGal			$0.464	$0.460	$0.448	$0.383	$0.490	$0.434	$0.434
Total Treatment Cost			$12,718	$10,291	$8,758	$28,713	$61,534	$30,422	$0
Utilities									
Power ($/Month)			$65	$65	$65	$65	$65	$65	$65
Telephone ($/Month			$500	$500	$500	$500	$500	$500	$500
Time For Treatment									
Minutes For Treatment			137085	111873	97842	375285	628321	0	0
Hours For Treatment			2285	1865	1631	6255	10472	0	0
Days For Treatment			95	78	68	261	436	0	0
Average Days Per Month			30.4	30.4	30.4	30.4	30.4	30.4	30.4
Months For Treatment			3.1	2.6	2.2	8.6	14.3	0.0	0.0
Utilities Cost ($)			$1,768	$1,443	$1,262	$4,841	$8,105	$0	$0
TOTAL PLANT & OFFICE COST	$0	$0	$14,487	$11,734	$10,020	$33,554	$69,639	$30,422	$0
I GROUNDWATER SWEEP (Continued)									
B. WELLFIELD									
Cost Assumptions:									
Power									
Avg Flow/Pump (gpm)			20	20	20	20	20	20	20
Avg Hp/Pump			3.00	3.00	3.00	3.00	3.00	3.00	3.00
Avg # of Pumps Required			10.0	10.0	10.0	10.0	10.0	10.0	10.0
Avg Connected Hp			25	25	25	25	25	25	25
Kwh's/Hp			0.830	0.830	0.830	0.830	0.830	0.830	0.830
$/Kwh			$0.0365	$0.0365	$0.0365	$0.0365	$0.0365	$0.0365	$0.0365

Uranium One USA, Inc.
2009 Restoration and Reclamation Costs
Wyoming Operations
WORKSHEET 1

GROUNDWATER RESTORATION	Irigaray Mine Unit(s) #1 Thru #5	Irigaray Mine Unit(s) #6 Thru #9	Christensen Mine Unit #2	Christensen Mine Unit #3	Christensen Mine Unit #4	Christensen Mine Unit #5	Christensen Mine Unit #6	Christensen Mine Unit #7	Christensen Mine Unit #8
Gallons Per Minute			200	200	200	200	200	200	200
Gallons Per Hour			12000	12000	12000	12000	12000	12000	12000
Cost Per Hour ($)			$0.76	$0.76	$0.76	$0.76	$0.76	$0.76	$0.76
Cost Per Gallon ($)			$0.0001	$0.0001	$0.0001	$0.0001	$0.0001	$0.0001	$0.0001
Cost Per KGal ($)			0.063	0.063	0.063	0.063	0.063	0.063	0.063
Repair & Maintenance ($/KGals)			$0.289	$0.289	$0.289	$0.289	$0.289	$0.289	$0.289
Total Cost Per KGal			$0.353	$0.353	$0.353	$0.353	$0.353	$0.353	$0.353
TOTAL WELLFIELD COST	$0	$0	$9,665	$7,887	$6,898	$26,459	$44,298	$24,735	$0
TOTAL GROUND WATER SWEEP COST	$0	$0	$24,152	$19,622	$16,918	$60,012	$113,937	$55,158	$0
II REVERSE OSMOSIS									
A. PLANT & OFFICE									
Operating Assumptions:									
Flowrate (gpm)			500	500	500	500	500	500	500
PV's Required			5.0	5.0	5.0	5.0	5.0	10.0	10.0
Total Gallons For Treatment			137085062	111872613	97842203.3	375285000	628321460.9	701677635.3	1452961636
Total KGals for Treatment			137085	111873	97842	375285	628321	701678	1452962
Feed to RO (gpm)			500	500	500	500	500	500	500
Permeate Flow (gpm)			375	375	375	375	375	375	375
Brine Flow (gpm)			125	125	125	125	125	125	125
Average RO Recovery			75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%
Cost Assumptions:									
Power									
Avg Connected Hp			560.00	560.00	560.00	560.00	560.00	560.00	560.00
Kwh's/Hp			0.830	0.830	0.830	0.830	0.830	0.830	0.830
$/Kwh			$0.0365	$0.0365	$0.0365	$0.0365	$0.0365	$0.0365	$0.0365
Gallons Per Minute			500	500	500	500	500	500	500
Gallons Per Hour			30000	30000	30000	30000	30000	30000	30000
Cost Per Hour ($)			$16.97	$16.97	$16.97	$16.97	$16.97	$16.97	$16.97
Cost Per Gallon ($)			$0.00057	$0.00057	$0.00057	$0.00057	$0.00057	$0.00057	$0.00057
Cost Per KGal ($)			$0.566	$0.566	$0.566	$0.566	$0.566	$0.566	$0.566
Chemicals									
Caustic Soda ($/KGals)			$0.018	$0.018	$0.018	$0.018	$0.018	$0.018	$0.018
Antiscalent ($/Kgals)			$0.0947	$0.0947	$0.0947	$0.0947	$0.0947	$0.0947	$0.0947
Elution ($/Kgals)			$0.099	$0.099	$0.099	$0.099	$0.099	$0.099	$0.099
Repair & Maintenance ($/KGals)			$0.038	$0.038	$0.038	$0.038	$0.038	$0.038	$0.038
Sampling & Analysis ($/KGals)			$0.090	$0.122	$0.092	$0.039	$0.032	$0.044	$0.023
Total Cost Per KGal ($)			$0.905	$0.937	$0.907	$0.854	$0.847	$0.860	$0.838
Total Pumping Cost ($)	$0	$0	$124,089	$104,788	$88,752	$320,397	$531,949	$603,142	$1,217,319
Utilities									
Power ($/Month)			$65	$65	$65	$65	$65	$65	$65
Propane ($/Month			$500	$500	$500	$500	$500	$500	$500
Time For Treatment									
Minutes For Treatment			274170	223745	195684	750570	1256643	1403355	2905923
Hours For Treatment			4570	3729	3261	12510	20944	23389	48432
Days For Treatment			190	155	136	521	873	975	2018
Average Days Per Month			30.4	30.4	30.4	30.4	30.4	30.4	30.4
Months For Treatment			6.3	5.1	4.5	17.1	28.7	32.0	66.3
Utilities Cost ($)	$0	$0	$3,560	$2,882	$2,543	$9,662	$16,216	$18,080	$37,460
TOTAL PLANT & OFFICE COST	$0	$0	$127,648	$107,670	$91,294	$330,059	$548,165	$621,222	$0
II REVERSE OSMOSIS (Continued)									
B. WELLFIELD									
Cost Assumptions:									
Power									
Avg Flow/Pump (gpm)			20.00	20.00	20.00	20.00	20.00	20.00	20.00
Avg Hp/Pump			3.00	3.00	3.00	3.00	3.00	3.00	3.00
Avg # of Pumps Required			25.0	25.0	25.0	25.0	25.0	25.0	25.0
Avg Connected Hp			75.0	75.0	75.0	75.0	75.0	75.0	75.0
Kwh's/Hp			0.830	0.830	0.830	0.830	0.830	0.830	0.830
$/Kwh			$0.0365	$0.0365	$0.0365	$0.0365	$0.0365	$0.0365	$0.0365
Gallons Per Minute			500	500	500	500	500	500	500
Gallons Per Hour			30000	30000	30000	30000	30000	30000	30000
Cost Per Hour ($)			$2.27	$2.27	$2.27	$2.27	$2.27	$2.27	$2.27
Cost Per Gallon ($)			$0.0001	$0.0001	$0.0001	$0.0001	$0.0001	$0.0001	$0.0001
Cost Per KGal ($)			$0.076	$0.076	$0.076	$0.076	$0.076	$0.076	$0.076
Repair & Maintenance ($/KGals)			$0.289	$0.289	$0.289	$0.289	$0.289	$0.289	$0.289

Uranium One USA, Inc.
2009 Restoration and Reclamation Costs
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WORKSHEET 1

GROUNDWATER RESTORATION	Irigaray Mine Unit(s) #1 Thru #5	Irigaray Mine Unit(s) #6 Thru #9	Christensen Mine Unit #2	Christensen Mine Unit #3	Christensen Mine Unit #4	Christensen Mine Unit #5	Christensen Mine Unit #6	Christensen Mine Unit #7	Christensen Mine Unit #8
Total Cost Per KGal			$0.365	$0.365	$0.365	$0.365	$0.365	$0.365	$0.365
TOTAL WELLFIELD COST	$0	$0	$50,000	$40,804	$35,687	$136,881	$229,172	$255,928	$0
Circulate 1 PV of Hydrogen Sulfide gas reductant $0.863 per Kgal			$23,661	$19,309	$16,888	$64,774	$108,448	$60,555	$0
TOTAL REVERSE OSMOSIS COST	$0	$0	$201,309	$167,783	$143,869	$531,714	$885,785	$937,705	$0
III WASTE DISPOSAL WELL									
Operating Assumptions:									
Annual Evaporation Capacity (Gals)			1,917,612	1,917,612	1,917,612	1,917,612	1,917,612	1,917,612	1,917,612
Avg. Monthly Evap. Capacity (Gals)			159,801	159,801	159,801	159,801	159,801	159,801	159,801
Total Disposal Requirement									
RO Brine Total Gallons			34,271,266	27,968,153	24,460,551	93,821,250	157,080,365	175,419,409	363,240,409
RO Brine Total KGallons			34,271	27,968	24,461	93,821	157,080	175,419	363,240
Brine Concentration Factor			60%	60%	60%	60%	60%	60%	60%
Total Concentrated Brine (Gals)			20,562,759	16,780,892	14,676,330	56,292,750	94,248,219	105,251,645	217,944,245
Months of RO Operation			6.3	5.1	4.5	17.1	28.7	32.0	66.3
Average Monthly Reqm't (Gallons)			3,263,930	3,290,371	3,261,407	3,291,974	3,283,910	3,289,114	3,287,244
Monthly Balance for DDW (Gals)			3,104,129	3,130,570	3,101,606	3,132,173	3,124,109	3,129,313	3,127,443
Total WDW Disposal (Gallons)			19,556,013	15,965,907	13,957,226	53,560,153	89,661,930	100,138,013	207,349,439
Total WDW Disposal (KGals)			19,556	15,966	13,957	53,560	89,662	100,138	207,349
Cost Assumptions:									
Power									
Avg Connected Hp			100.00	100.00	100.00	100.00	100.00	100.00	100.00
WDW Avg Connected Hp			180.00	180.00	180.00	180.00	180.00	180.00	180.00
Kwh's/Hp			0.830	0.830	0.830	0.830	0.830	0.830	0.830
$/Kwh			$0.0365	$0.0365	$0.0365	$0.0365	$0.0365	$0.0365	$0.0365
Gallons Per Minute			150	150	150	150	150	150	150
Gallons Per Hour			9000	9000	9000	9000	9000	9000	9000
Cost Per Hour ($)			$8.48	$8.48	$8.48	$8.48	$8.48	$8.48	$8.48
Cost Per Gallon ($)			$0.0009	$0.0009	$0.0009	$0.0009	$0.0009	$0.0009	$0.0009
Cost Per KGal ($)			$0.943	$0.943	$0.943	$0.943	$0.943	$0.943	$0.943
Chemicals ($/Kgals)									
RO Antiscalent ($/Kgals)			$0.190	$0.190	$0.190	$0.190	$0.190	$0.190	$0.190
WDW Antiscalent ($/Kgals)			$0.237	$0.237	$0.237	$0.237	$0.237	$0.237	$0.237
Sulfuric Acid ($/Kgals)			$0.534	$0.534	$0.534	$0.534	$0.534	$0.534	$0.534
Corrosion Inhibitor			$0.000	$0.000	$0.000	$0.000	$0.000	$0.000	$0.000
Algacide			$0.111	$0.111	$0.111	$0.111	$0.111	$0.111	$0.111
Repair & Maint ($/Kgals)			$0.077	$0.077	$0.077	$0.077	$0.077	$0.077	$0.077
Total Cost Per KGal			$2.092	$2.092	$2.092	$2.092	$2.092	$2.092	$2.092
TOTAL WASTE DISPOSAL WELL COST			$40,902	$33,393	$29,192	$112,022	$187,529	$209,440	$0
IV STABILIZATION MONITORING									
Operating Assumptions:									
Time of Stabilization (mos)			9	9	9	9	9	9	9
Frequency of Analysis (mos)			3	3	3	3	3	3	3
Total Sets of Analysis			4	4	4	4	4	4	4
Cost Assumptions:									
Generator Rental per sample set			$280	$280	$280	$280	$280	$280	$280
Analytical costs per set			$3,600	$2,850	$2,250	$3,750	$7,050	$5,700	$7,500
Total Sampling & Analysis Cost ($)			$15,520	$12,520	$10,120	$16,120	$29,320	$23,920	$31,120
Utilities (Power + Telephone per month)			$565	$565	$565	$565	$565	$565	$565
Total Utilities Cost ($)			$5,085	$5,085	$5,085	$5,085	$5,085	$5,085	$5,085
TOTAL STABILIZATION COST	$0	$0	$20,605	$17,605	$15,205	$21,205	$34,405	$29,005	$0

V LABOR (Irigaray and Christensen Combined)			
Cost Assumptions	Cost/Hour	Hours/Year	Cost
Crew:			
1 Supervisor	$25.00	2080	$52,000
4 Operators	$20.00	2080	$166,400
2 Maintenance	$20.00	2080	$83,200
2 Vehicles	$12.00	2080	$49,920
Cost per Year			$351,520
Time Required - Years	2.0		
TOTAL RESTORATION LABOR COST	$703,040		

Uranium One USA, Inc.
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WORKSHEET 1

GROUNDWATER RESTORATION

	Irigaray Mine Unit(s) #1 Thru #5	Irigaray Mine Unit(s) #6 Thru #9	Christensen Mine Unit #2	Christensen Mine Unit #3	Christensen Mine Unit #4	Christensen Mine Unit #5	Christensen Mine Unit #6	Christensen Mine Unit #7	Christensen Mine Unit #8
	Irigaray Mine Unit(s) #1 Thru #9	Christensen Mine Unit #2 Thru #4	Total Christensen & Irigaray						
VI RESTORATION CAPITAL REQUIREMENTS									
I Deep Disposal Well(s) - new		$0							
II Plug and Abandon CR DW-1		$73,950							
III Plug and Abandon CR 18-3		$66,250							
IV 500 GPM Reverse Osmosis Unit		$0							
Total	$0	$140,200							

	Irigaray Mine Unit(s) #1 Thru #5	Irigaray Mine Unit(s) #6 Thru #9	Christensen Mine Unit #2	Christensen Mine Unit #3	Christensen Mine Unit #4	Christensen Mine Unit #5	Christensen Mine Unit #6	Christensen Mine Unit #7	Christensen Mine Unit #8	TOTAL
SUMMARY:										
I GROUNDWATER SWEEP	$0	$0	$24,152	$19,622	$16,918	$60,012	$113,937	$55,158	$0	
II REVERSE OSMOSIS	$0	$0	$201,309	$167,783	$143,869	$531,714	$885,785	$937,705	$0	
III WASTE DISPOSAL WELL	$0	$0	$40,902	$33,393	$29,192	$112,022	$187,529	$209,440	$0	
IV STABILIZATION	$0	$0	$20,605	$17,605	$15,205	$21,205	$34,405	$29,005	$0	
SUB TOTAL	$0	$0	$286,968	$238,403	$205,184	$724,953	$1,221,657	$1,231,307	$0	$3,908,471
V LABOR										$703,040
VI CAPITAL										$140,200
TOTAL GROUNDWATER RESTORATION COST										**$4,751,711**
Credit for Completion of Groundwater Sweep (WDEQ)			$24,152	$19,622	$16,918	$60,012	$113,937	$55,158		$289,799
Credit for Completion of Reverse Osmosis (WDEQ)										$0
Credit Completion of Stabilization Monitoring (WDEQ)										$0
Credit Subtotal			$24,152	$19,622	$16,918	$60,012	$113,937	$55,158	$0	**$289,799**
GRAND TOTAL WDEQ	$0	$0	$262,816	$218,781	$188,265	$664,940	$1,107,719	$1,176,150	$0	**$4,461,911**
GRAND TOTAL NRC (no credi	$0	$0	$286,968	$238,403	$205,184	$724,953	$1,221,657	$1,231,307	$0	**$4,751,711**

Uranium One USA, Inc.
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WORKSHEET 2

PLANT EQUIPMENT REMOVAL AND DISPOSAL	Irigaray							Christensen				
	Maint Area & Laboratory	Main Process Building	Expansion Building	Resin +Sand Filter Media	Dry Pack Area	Restoration Building	Sub Total	Satellite Plant	Resin + Sand Filter Media	Restoration Extension	Wellfield Modules	Sub Total
Volume (Yds^3)	40	0	183	110	40	0		91	197	42	55	
Quantity Per Truck Load (Yds^3)	20	20	20	20	20	20		20	20	20	20	
Number of Truck Loads	2.0	0.0	9.2	5.5	2.0	0.0		4.55	9.9	2.1	2.8	
I Decontamination Cost												
Decontamination Cost ($/Load)	$435	$435	$435	$435	$435	$435		$435	$435	$435	$435	
Percent Requiring Decontamination	20.0%	100.0%	100.0%	0.0%	100.0%	100.0%		100.0%	0.0%	100.0%	100.0%	
Total Cost	$174	$0	$3,980	$0	$870	$0	$5,024	$1,979	$0	$914	$1,196	$4,089
II Dismantle and Loading Cost												
Cost Per Truck Load ($)	$650	$650	$650	$650	$650	$650		$650	$650	$650	$650	
Total Cost	$1,300	$0	$5,948	$3,575	$1,300	$0	$12,123	$2,958	$6,403	$1,365	$1,788	$12,513
III Oversize Charges												
Percent Requiring Permits	40.0%	40.0%	40.0%	0.0%	60.0%	40.0%		40.0%	0.0%	40.0%	0.0%	
Cost Per Truck Load ($)	$326	$326	$326	$326	$326	$326		$326	$326	$326	$326	
Total Cost	$261	$0	$1,193	$0	$391	$0	$1,845	$593	$0	$274	$0	$867
IV Transportation & Disposal												
A. Landfill												
Percent To Be Shipped	80.0%	80.0%	80.0%	0.0%	50.0%	80.0%		80.0%	0.0%	80.0%	80.0%	
Transportation Cost Per Truck Load	$160	$160	$160	$160	$160	$160		$160	$160	$160	$160	
Transportation Cost	$256	$0	$1,171	$0	$160	$0		$582	$0	$269	$352	
Disposal Fee Per Cubic Yard	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00		$12.00	$12.00	$12.00	$12.00	
Disposal Cost ($)	$384	$0	$1,757	$0	$240	$0		$874	$0	$403	$528	
Total Cost	$640	$0	$2,928	$0	$400	$0		$1,456	$0	$672	$880	
B. Licensed Site												
Percent To Be Shipped	20.0%	20.0%	20.0%	100.0%	50.0%	20.0%		20.0%	100.0%	20.0%	20.0%	
Transportation Cost Per Truck Load	$1,000	$1,000	$1,000	$1,000	$1,000	$1,000		$1,000	$1,000	$1,000	$1,000	
Transportation Cost	$400	$0	$1,830	$5,500	$1,000	$0		$910	$9,850	$420	$550	
Disposal Cost Per Cubic Foot ($)	$11.00	$11.00	$11.00	$11.00	$11.00	$11.00		$11.00	$11.00	$11.00	$11.00	
Quantity Per Truck Load (Yds^3)	20.0	20.0	20.0	20.0	20.0	20.0		20.0	20.0	20.0	20.0	
Quantity Per Truck Load (Ft^3)	540	540	540	540	540	540		540	540	540	540	
Disposal Cost	$2,376	$0	$10,870	$32,670	$5,940	$0		$5,405	$58,509	$2,495	$3,267	
Total Cost Licensed Site	$2,776	$0	$12,700	$38,170	$6,940	$0		$6,315	$68,359	$2,915	$3,817	
Total Cost Transportation & Disposal	$3,416	$0	$15,628	$38,170	$7,340	$0	$64,554	$7,771	$68,359	$3,587	$4,697	$84,414
TOTAL COST	$5,151	$0	$26,749	$41,745	$9,901	$0	$83,546	$13,301	$74,762	$6,139	$7,681	$101,883
TOTAL COST - IRIGARAY AND CHRISTENSEN												$185,429

Uranium One USA, Inc.
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WORKSHEET 3

	Irigaray							Christensen						
	Maint Area & Laboratory	Warehouse & Offices	Main Process Building	Expansion Building	Dry Pack Area	Restoration Building	Sub Total	Satellite Plant	Wellfield Modules	Booster Pump Bldgs.	Restoration Extension	Office Building	Warehouse	Sub Total
BUILDING DEMOLITION AND DISPOSAL														
Structural Character	1 Story Steel Frame	1 Story Steel Frame	1 Story Steel Frame	1 Story Steel Frame	3 Story Steel/Masonry	1 Story Steel Frame		2 Story Steel Frame	1 Story Pre Fab (22)	1 Story Pre Fab (4)	2 Story Steel Frame	1 Story Pre-Fab	1 Story Steel Frame	
Demolition Volume (Ft^3)	179400	108720	430400	386400	126000	69840		192000	95040	46720	72000	64800	11000	
Cost of Demolition Per Ft^3	$0.1650	$0.1650	$0.1650	$0.1650	$0.1650	$0.1650		$0.1650	$0.1650	$0.1650	$0.1650	$0.1650	$0.1650	
Demolition Cost ($)	$29,601	$17,939	$71,016	$63,756	$20,790	$11,491	$214,592	$31,680	$15,682	$7,709	$11,880	$10,692	$1,815	$79,457
Factor For Gutting	15.0%	10.0%	30.0%	10.0%	20.0%	10.0%		20.0%	0.0%	0.0%	20.0%	10.0%	10.0%	
Cost For Gutting ($)	$4,440	$1,794	$21,305	$6,376	$4,158	$1,149	$39,221	$6,336	$0	$0	$2,376	$1,069	$182	$9,963
Weight (pounds)	158761	96212	380885	341947	111504	61628		169912	66660	28032	63717	38802	9735	
Weight per Truckload	40000	40000	40000	40000	40000	40000		40000	40000	40000	40000	40000	40000	
Number of Truckloads	4.0	2.4	9.5	8.5	2.8	1.5		4.2	1.7	0.7	1.6	1.0	0.2	
Transportation Cost per Truckload	$160	$160	$160	$160	$160	$160		$160	$160	$160	$160	$160	$160	
Transportation Cost ($)	$635	$385	$1,524	$1,368	$446	$247	$4,604	$680	$267	$112	$255	$155	$39	$1,507
Disposal Cost per Truckload (25 CY)	$300.00	$300.00	$300.00	$300.00	$300.00	$300.00		$300.00	$300.00	$300.00	$300.00	$300.00	$300.00	
Disposal Cost ($)	$1,191	$722	$2,857	$2,565	$836	$462	$8,632	$1,274	$500	$210	$478	$291	$73	$2,826
TOTAL COST	$35,867	$20,839	$96,701	$74,064	$26,230	$13,348	$267,050	$39,970	$16,448	$8,031	$14,989	$12,207	$2,108	$93,754
TOTAL COST IRIGARAY AND CHRISTENSEN														$360,804
CONCRETE DECONTAMINATION, DEMOLITION & DISPOSAL														
Area (Ft^2)	8020	7100	17600	18400	5600	3600		9600	0	1440	3600	0	1000	
Average Thickness (Ft)	0.5	0.5	0.5	0.5	1	0.5		0.5	0.0	0.5	0.5	0.0	0.5	
Volume (Ft^3)	4010	3550	8800	9200	5600	1800		4800	0	720	1800	0	500	
Percent Requiring Decontamination	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%		100.0%	0.0%	100.0%	100.0%	0.0%	0.0%	
Percent Decontaminated	0.0%	0.0%	75.0%	75.0%	40.0%	75.0%		75.0%	0.0%	100.0%	100.0%	0.0%	0.0%	
Decontamination ($/$Ft^3$)	$0.134	$0.134	$0.134	$0.134	$0.134	$0.134		$0.134	$0.134	$0.134	$0.134	$0.134	$0.134	
Decontamination Cost	$0	$0	$1,769	$1,849	$300	$362	$4,280	$965	$0	$193	$482	$0	$0	$1,640
Demolition ($/$Ft^3$)	$3.05	$3.05	$3.05	$3.05	$3.05	$3.05		$3.05	$3.05	$3.05	$3.05	$3.05	$3.05	
Demolition Cost	$24,461	$21,655	$53,680	$56,120	$17,080	$10,980	$183,976	$29,280	$0	$4,392	$10,980	$0	$3,050	$47,702
Transportation & Disposal														
A. Onsite Disposal														
Percent to be Disposed Onsite	100%	100%	90%	90%	40%	90%		90%	0%	100%	100%	0%	100%	
Transportation Cost	$0	$0	$0	$0	$0	$0		$0	$0	$0	$0	$0	$0	
Disposal Cost per Cubic Foot	$0.230	$0.230	$0.230	$0.230	$0.230	$0.230		$0.230	$0.230	$0.230	$0.230	$0.230	$0.230	
Disposal Cost ($)	$922	$817	$1,822	$1,904	$515	$373	$6,353	$994	$0	$166	$414	$0	$115	$1,688
B. Licensed Site														
Percent to be Shipped	0%	0%	10%	10%	60%	10%		10%	100%	0%	0%	100%	0%	
Transportation Cost per Truckload	$1,000	$1,000	$1,000	$1,000	$1,000	$1,000		$1,000	$1,000	$1,000	$1,000	$1,000	$1,000	
Transportation Cost ($)	$0	$0	$1,630	$1,704	$6,222	$333	$9,889	$889	$0	$0	$0	$0	$0	$889
Disposal Cost per Cubic Foot	$3.70	$3.70	$3.70	$3.70	$3.70	$3.70		$3.70	$3.70	$3.70	$3.70	$3.70	$3.70	
Quantity Per Truck Load (Yds^3)	20	20	20	20	20	20		20	20	20	20	20	20	
Quantity Per Truck Load (Ft^3)	540	540	540	540	540	540		540	540	540	540	540	540	
Disposal Cost ($)	$0	$0	$3,256	$3,404	$12,432	$666	$19,758	$1,776	$0	$0	$0	$0	$0	$1,776
TOTAL COST	$25,383	$22,472	$62,156	$64,981	$36,550	$12,714	$224,255	$33,903	$0	$4,751	$11,876	$0	$3,165	$53,695
TOTAL COST IRIGARAY AND CHRISTENSEN														$277,951
SOIL REMOVAL & DISPOSAL														
Assume removal of 3" of Contaminated Soil under Primary Areas, Disposal at a Licensed facility.														
Removal with Loader ($75/hr) $75	$0	$0	$1,222	$1,278	$389	$250	$3,139	$667	$0	$0	$0	$0	$0	$667
Quantity to be Shipped (Ft^3)	0	0	4400	4600	1400	900		2400	0	0	0	0	0	
Transportation Cost per Truckload	$1,000	$1,000	$1,000	$1,000	$1,000	$1,000		$1,000	$1,000	$1,000	$1,000	$1,000	$1,000	
Transportation Cost ($)	$0	$0	$8,148	$8,519	$2,593	$1,667	$20,926	$4,444	$0	$0	$0	$0	$0	$4,444
Disposal fee Per Cubic Foot($)	$3.70	$3.70	$3.70	$3.70	$3.70	$3.70		$3.70	$3.70	$3.70	$3.70	$3.70	$3.70	
Quantity per Truckload (Ft^3)	540	540	540	540	540	540		540	540	540	540	540	540	
Disposal Cost ($)	$0	$0	$16,280	$17,020	$5,180	$3,330	$41,810	$8,880	$0	$0	$0	$0	$0	$8,880
Removal, NPDES Pts.														
Quantity to be Shipped (Ft^3)			559					5,030						
Transportation Cost per Truckload	$1,000	$1,000	$1,000	$1,000	$1,000	$1,000		$1,000	$1,000	$1,000	$1,000	$1,000	$1,000	

Uranium One USA, Inc.
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	Irigaray							Christensen						
	Maint Area & Laboratory	Warehouse & Offices	Main Process Building	Expansion Building	Dry Pack Area	Restoration Building	Sub Total	Satellite Plant	Wellfield Modules	Booster Pump Bldgs.	Restoration Extension	Office Building	Warehouse	Sub Total
Transportation Cost ($)	$0	$0	$1,035	$0	$0	$0	$1,035	$9,315	$0	$0	$0	$0	$0	$9,315
Disposal fee Per Cubic Foot($)	$3.70	$3.70	$3.70	$3.70	$3.70	$3.70		$3.70	$3.70	$3.70	$3.70	$3.70	$3.70	
Quantity per Truckload (Ft^3)	540	540	540	540	540	540		540	540	540	540	540	540	
Disposal Cost ($)	$0	$0	$2,068	$0	$0	$0	$2,068	$18,611	$0	$0	$0	$0	$0	$18,611
Total Cost	$0	$0	$28,753	$26,816	$8,161	$5,247	$68,978	$41,917	$0	$0	$0	$0	$0	$41,917
TOTAL COST	$0	$0	$28,753	$26,816	$8,161	$5,247	$68,978	$41,917	$0	$0	$0	$0	$0	$41,917
TOTAL COST IRIGARAY AND CHRISTENSEN														$110,895

RADIATION SURVEY														
Area required (acres)	0.18	0.16	0.40	0.42	0.13	0.08		0.22	0.00	0.03	0.08	0.00	0.02	
Survey Cost ($/acre)	$520.00	$520.00	$520.00	$520.00	$520.00	$520.00		$520.00	$520.00	$520.00	$520.00	$520.00	$520.00	
TOTAL SURVEY COST ($)	$96		$210	$220	$67	$43	$636	$115	$0	$17	$43	$0	$12	$187

TOTAL COST	$61,346	$43,311	$187,820	$166,082	$71,008	$31,352	$560,919	$115,906	$16,448	$12,799	$26,908	$12,207	$5,285	$189,554
TOTAL COST IRIGARAY AND CHRISTENSEN														$750,473

Uranium One USA, Inc.
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WORKSHEET 4

POND RECLAMATION COST	Irigaray							Christensen					
	Pond A	Pond B	Pond C	Pond ID	Pond E	Pond RA	Pond RB	Brine Pond 1	Brine Pond 2	Brine Pond 3	Brine Pond 4	Permeate Pond	
POND SLUDGE:													
Average Sludge Depth (Ft)		0.156		0.156		0.156	0.156	0.166	0.222	0.143	0.068	0.000	
Average Area of Sludge (Ft²)		50,604		50,604		64,299	64,299	20,909	20,909	20,909	20,909	-	
Volume of Sludge (Ft³)		7,907		7,907		10,047	10,047	3,466	4,651	2,983	1,414	-	7,907
Volume of Sludge (Yds³)		293		293		372	372	128	172	110	52	0	
Volume of Sludge Per Truck Load (Yds³)		20.0		20.0		20.0	20.0	20.0	20.0	20.0	20.0	20.0	
# of Truck Loads of Sludge		14.7		14.7		18.6	18.6	6.4	8.6	5.5	2.6	0.0	
Sludge Handling Cost Per Load ($)		$240.00		$240.00		$240.00	$240.00	$240.00	$240.00	$240.00	$240.00	$240.00	
Total Sludge Handling Cost ($)	$0	$3,528	$0	$3,528	$0	$4,464	$4,464	$1,536	$2,064	$1,320	$624	$0	
Transportation & Disposal													
Percent To Be Shipped to Licensed Site		100.0%		100.0%		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
Transportation Cost per Truckload		$1,000		$1,000		$1,000	$1,000	$1,000	$1,000	$1,000	$1,000	$1,000	
Transportation Cost ($)		$14,700		$14,700		$18,600	$18,600	$6,400	$8,600	$5,500	$2,600	$0	
Disposal Cost Per Cubic Foot ($)		$11.00		$11.00		$11.00	$11.00	$11.00	$11.00	$11.00	$11.00	$11.00	
Quantity Per Truck Load (Yds³)		20.0		20.0		20.0	20.0	20.0	20.0	20.0	20.0	20.0	
Quantity Per Truck Load (Ft³)		540		540		540	540	540	540	540	540	540	
Disposal Cost ($)		$87,318		$87,318		$110,484	$110,484	$38,016	$51,084	$32,670	$15,444	$0	
Total Transportation & Disposal ($)	$0	$102,018	$0	$102,018	$0	$129,084	$129,084	$44,416	$59,684	$38,170	$18,044	$0	
TOTAL SLUDGE COST ($)	$0	$105,546	$0	$105,546	$0	$133,548	$133,548	$45,952	$61,748	$39,490	$18,668	$0	$644,046
POND LINER:													
Total Pond Area (Acres)		1.72		1.72		2.17	2.17	1.10	1.10	1.10	1.10	0.00	
Total Pond Area (Ft²)		74923.2		74923.2		94525.2	94525.2	47916	47916	47916	47916	0	
Factor For Sloping Sides		20.0%		20.0%		20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	0.0%	
Total Liner Area (Ft²)		89908		89908		113430	113430	57499	57499	57499	57499	0	
Liner Thickness (Mil)		30		100		100	30	30	30	30	30	0	
Liner Thickness (Inches)		0.0300		0.1000		0.1000	0.0300	0.1181	0.1181	0.1181	0.1181	0	
Liner Thickness (Ft)		0.0025		0.0083		0.0083	0.0025	0.0098	0.0098	0.0098	0.0098	0	
"Swell" Factor		25.0%		25.0%		25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	0.0%	
Liner Volume (Ft³)		281		933		1177	354	704	704	704	704	0	
Truck Loads of Liner		0.5		1.7		2.2	0.7	1.3	1.3	1.3	1.3	0.0	
Liner Handling Cost ($)													
Labor Crew Cost per Hour ($)		$90		$90		$90	$90	$90	$90	$90	$90	$0	
Hours per Load		2.0		2.0		2.0	2.0	2.0	2.0	2.0	2.0	0.0	
Liner Handling Cost Per Load ($)		$180.00		$180.00		$180.00	$180.00	$180.00	$180.00	$180.00	$180.00	$0.00	
Total Liner Handling Cost ($)	$0	$90	$0	$306	$0	$396	$126	$234	$234	$234	$234	$0	
Transportation & Disposal													
Percent To Be Shipped to Licensed Site		100.0%		100.0%		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
Transportation Cost per Truckload		$1,000		$1,000		$1,000	$1,000	$1,000	$1,000	$1,000	$1,000	$1,000	
Transportation Cost ($)		$500		$1,700		$2,200	$700	$1,300	$1,300	$1,300	$1,300	$0	
Disposal Cost Per Cubic Foot ($)		$11.00		$11.00		$11.00	$11.00	$11.00	$11.00	$11.00	$11.00	$11.00	
Quantity Per Truck Load (Ft³)		540		540		540	540	540	540	540	540	540	
Disposal Cost ($)		$2,970		$10,098		$13,068	$4,158	$7,722	$7,722	$7,722	$7,722	$0	
Total Transportation & Disposal ($)	$0	$3,470	$0	$11,798	$0	$15,268	$4,858	$9,022	$9,022	$9,022	$9,022	$0	
TOTAL LINER COST ($)	$0	$3,560	$0	$12,104	$0	$15,664	$4,984	$9,256	$9,256	$9,256	$9,256	$0	$73,336
POND BACKFILL:													
Backfill required (Yds³)	8740	8580	8740	8580	2517	14617	16319	9048	9048	9048	9048	18070	
Backfill Cost ($/Yd³)	$2.00	$2.00	$2.00	$2.00	$2.00	$2.00	$2.00	$2.00	$2.00	$2.00	$2.00	$2.00	
TOTAL BACKFILL COST ($)	$17,480	$17,160	$17,480	$17,160	$5,034	$29,234	$32,638	$18,096	$18,096	$18,096	$18,096	$36,140	$244,710
RADIATION SURVEY													
Areal required (acres)		1.72		1.72		2.90	2.17	1.10	1.10	1.10	1.10	0	
Survey Cost ($/acre)	$520.00	$520.00	$520.00	$520.00	$520.00	$520.00	$520.00	$520.00	$520.00	$520.00	$520.00	$520.00	
TOTAL SURVEY COST ($)	$0	$894	$0	$894	$0	$1,508	$1,128	$572	$572	$572	$572	$0	$6,712

LEAK DETECTION SYSTEM REMOVAL	
Volume of Gravel and Piping (Ft³) (Assume 3")	26,250
Quantity per Truckload (Ft³)	540
Quantity to be Shipped to Licensed Site (Loads)	49
Transportation Cost per Truckload	$1,000
Transportation Cost ($)	$49,000
Handling Cost per load	$8,750
Disposal Fee per Cubic Foot ($)	$1.1
Disposal Cost ($)	$288,750

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	Irigaray							Christensen					
POND RECLAMATION COST	Pond A	Pond B	Pond C	PondID	Pond E	Pond RA	Pond RB	Brine Pond 1	Brine Pond 2	Brine Pond 3	Brine Pond 4	Permeate Pond	
TOTAL LEAK DETECTION SYSTEM REMOVAL	$0	$0	$0	$0	$0	$0	$0	$346,500	$0	$0	$0	$0	$346,500
TOTAL POND RECLAMATION COST	$17,480	$127,160	$17,480	$135,704	$5,034	$179,954	$172,298	$420,376	$89,672	$67,414	$46,592	$36,140	$1,315,304

SUMMARY - IRIGARAY:

TOTAL SLUDGE COST ($)	$478,188
TOTAL LINER COST ($)	$36,312
TOTAL BACKFILL COST ($)	$136,186
TOTAL RADIATION SURVEY COST ($)	$4,424
LEAK DETECTION SYSTEM REMOVAL	$0
TOTAL POND RECLAMATION COST	$655,110

SUMMARY - CHRISTENSEN:

TOTAL SLUDGE COST ($)	$165,858
TOTAL LINER COST ($)	$37,024
TOTAL BACKFILL COST ($)	$108,524
TOTAL RADIATION SURVEY COST ($)	$2,288
LEAK DETECTION SYSTEM REMOVAL	$346,500
TOTAL POND RECLAMATION COST	$660,194
TOTAL PROJECT COST - CR and IR ($)	$1,315,304

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WELL PLUGGING AND ABANDONMENT	Irigaray				Christensen							
	Mine Units #1 Thru #9	517 USMT Test Sites	Monitor/ Trend	Sub Total	Mine Units `#2	`#3	`#4	`#5	`#6	`#7	`#8	Sub Total
Number of Wells	0	11		11								
Production / Injection Wells					286	443	211	322	380	537	375	2554
Monitor Wells					50	47	33	72	64	66	100	432
Misc. Baseline / Regional Wells					24	19	15	25	47	38	50	218
Total					360	509	259	419	491	641	525	3204
Average Depth	250	250	250		345	300	430	450	520	550	380	
Average Diameter	4.5	4.5	4.5		4.5	4.5	4.5	4.5	4.5	4.5	4.5	
Materials												
Bentonite Chips Required (Ft^3/Well)	11.4	11.4	11.4		11.4	11.4	11.4	11.4	11.4	11.4	11.4	
Bags of Chips Required/Well	15.0	15.0	15.0		15.0	15.0	15.0	15.0	15.0	15.0	15.0	
Cost Per Bag ($)	$4.50	$4.50	$4.50		$4.50	$4.50	$4.50	$4.50	$4.50	$4.50	$4.50	
Cost/Well Bentonite Chips ($)	$67.50	$67.50	$67.50		$67.50	$67.50	$67.50	$67.50	$67.50	$67.50	$67.50	
Gravel Fill Required (Ft^3/Well)	15.7	15.7	15.7		26.5	21.5	35.9	38.1	45.8	49.1	30.4	
Gravel Fill Required (Yd^3/Well)	0.58	0.58	0.58		0.98	0.80	1.33	1.41	1.70	1.82	1.13	
Cost of Gravel/Yd^3 ($)	$20.00	$20.00	$20.00		$20.00	$20.00	$20.00	$20.00	$20.00	$20.00	$20.00	
Cost/Well Gravel Fill ($)	$11.63	$11.63	$11.63		$19.63	$15.93	$26.59	$28.22	$33.93	$36.37	$22.52	
Cement Cone/Markers Req'd/Well	1.0	1.0	1.0		1.0	1.0	1.0	1.0	1.0	1.0	1.0	
Cost of Cement Cones/Markers ($)	$4.00	$4.00	$4.00		$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	
Total Materials Cost per Well	$83.13	$83.13	$83.13		$91.13	$87.43	$98.09	$99.72	$105.43	$107.87	$94.02	
Labor												
Hours Required per Well	1.0	1.0	1.0		1.0	1.0	1.0	1.0	1.0	1.0	1.0	
Labor Cost per Hour	$60.00	$60.00	$60.00		$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	
Total Labor Cost per Well ($)	$60.00	$60.00	$60.00		$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	$60.00	
Equipment Rental												
Hours Required per Well	1.0	1.0	1.0		1.0	1.0	1.0	1.0	1.0	1.0	1.0	
Backhoe w/Operator Cost/Hr ($)	$38.50	$38.50	$38.50		$38.50	$38.50	$38.50	$38.50	$38.50	$38.50	$38.50	
Total Equipment Cost per Well ($)	$38.50	$38.50	$38.50		$38.50	$38.50	$38.50	$38.50	$38.50	$38.50	$38.50	
Total Cost per Well ($)	$181.63	$181.63	$181.63		$189.63	$185.93	$196.59	$198.22	$203.93	$206.37	$192.52	
										$72,485		
TOTAL WELL ABANDONMENT COST ($)	$0	$1,998	$0	$1,998	$68,267	$94,636	$50,917	$83,055	$100,128	$132,283	$101,072	$630,359
GRAND TOTAL IRIGARAY AND CHRISTENSEN												$632,357

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WELLFIELD EQUIPMENT REMOVAL & DISPOSAL	Irigaray Mine Unit(s) #1 Thru #9	Christensen Mine Units #2 Thru #4	Christensen Mine Unit #5	Christensen Mine Unit #6	Christensen Mine Unit #7	Christensen Mine Unit #8	Total Christensen & Irigaray
I Wellfield Piping							
A. Removal							
Length/Well (Ft)	100	300	300	300	500	230	
Total Number of Wells	602	940	322	380	537	0	
Total Quantity (Ft)	60200	282000	96600	114000	268500	0	
Cost of Removal ($/Ft)	$0.202	$0.202	$0.202	$0.202	$0.202	$0.202	
Cost of Removal ($)	$12,160	$56,964	$19,513	$23,028	$54,237	$0	$165,903
Average OD (Inches)	3.0	3.0	3.0	3.0	3.0	3.0	
Chipped Volume Reduction (Ft^3/Ft)	0.016	0.016	0.016	0.016	0.016	0.016	
Chipped Volume (Ft^3)	963	4,512	1,546	1,824	4,296	0	
Quantity Per Truck Load (Ft^3)	540	540	540	540	540	540	
Total Number of Truck Loads	1.8	8.4	2.9	3.4	8.0	0.0	
B. Survey & Decontamination							
Percent Requiring Decontamination	0%	0%	0%	0%	0%	0%	
Loads for Decontamination	0.0	0.0	0.0	0.0	0.0	0.0	
Cost for Decontamination ($/Load)	$435.00	$435.00	$435.00	$435.00	$435.00	$435.00	
Cost for Decontamination ($)	$0	$0	$0	$0	$0	$0	$0
C. Transport & Disposal							
1.) Landfill							
a. Transportation							
Percent To Be Shipped	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	
Loads To Be Shipped	0.0	0.0	0.0	0.0	0.0	0.0	
Transportation Cost per Load	$160	$160	$160	$160	$160	$160	
Transportation Cost ($)	$0	$0	$0	$0	$0	$0	$0
b. Disposal							
Disposal Fee Per Yd^3	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	
Yds^3 Per Load	20	20	20	20	20	20	
Disposal Cost ($)	$0	$0	$0	$0	$0	$0	
Total Cost - Landfill	$0	$0	$0	$0	$0	$0	$0
2.) Licensed Site							
a. Transportation							
Percent To Be Shipped	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	
Loads To Be Shipped	1.8	8.4	2.9	3.4	8.0	0.0	
Transportation Cost per Load	$1,000	$1,000	$1,000	$1,000	$1,000	$1,000	
Transportation Cost ($)	$1,800	$8,400	$2,900	$3,400	$8,000	$0	$24,500
b. Disposal							
Disposal Cost Per Ft^3	$11.00	$11.00	$11.00	$11.00	$11.00	$11.00	
Disposal Fee Per Yd^3	$297.00	$297.00	$297.00	$297.00	$297.00	$297.00	
Quantity Per Truck Load (Yds^3)	20	20	20	20	20	20	
Disposal Cost ($)	$10,692	$49,896	$17,226	$20,196	$47,520	$0	$145,530
Total Cost - Licensed Site	$12,492	$58,296	$20,126	$23,596	$55,520	$0	$170,030
Total Cost - Transport & Disposal	$12,492	$58,296	$20,126	$23,596	$55,520	$0	$170,030
Total Cost - WF Piping Removal & Disposal	$24,652	$115,260	$39,639	$46,624	$109,757	$0	$335,933
II Production Well Pumps							
A. Pump and Tubing Removal							
Number of Production Wells	424	348	134	178	377	0	
Cost of Removal ($/well)	$22.50	$22.50	$22.50	$22.50	$22.50	$22.50	
Cost of Removal ($)	$0	$7,830	$3,015	$4,005	$8,483	$0	$23,333
Number of Pumps Per Truck Load	180	180	180	180	180	180	
Number of Truck Loads (Pumps)	0.0	1.9	0.7	1.0	2.1	0.0	
B. Survey & Decontamination (Pumps)							
Percent Requiring Decontamination	50.0%	50.0%	50.0%	50.0%	50.0%	0.0%	
Loads for Decontamination	0.0	1.0	0.4	0.5	1.1	0.0	
Cost for Decontamination ($/Load)	$435.00	$435.00	$435.00	$435.00	$435.00	$435.00	
Cost for Decontamination ($)	$0	$435	$174	$218	$479	$0	$1,305
C. Tubing Volume Reduction & Loading							
Length per Well (Ft)	100	300	300	450	500	230	
Total Quantity (Ft)	42,400	104,400	40,200	80,100	188,500	0	
Cost of Removal ($/Ft)	$0.025	$0.025	$0.025	$0.025	$0.025	$0.025	
Cost of Removal ($)	$0	$2,610	$1,005	$2,003	$4,713	$0	$10,330
Average OD (Inches)	3.0	3.0	3.0	3.0	3.0	3.0	
Chipped Volume Reduction (Ft^3/Ft)	0.016	0.016	0.016	0.016	0.016	0.016	
Chipped Volume (Ft^3)	678	1,670	643	1,282	3,016	0	

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WELLFIELD EQUIPMENT REMOVAL & DISPOSAL	Irigaray Mine Unit(s) #1 Thru #9	Christensen Mine Units #2 Thru #4	Christensen Mine Unit #5	Christensen Mine Unit #6	Christensen Mine Unit #7	Christensen Mine Unit #8	Total Christensen & Irigaray
Quantity per Truckload (Ft^3)	540	540	540	540	540	540	
Number of Truck Loads	1.3	3.1	1.2	2.4	5.6	0.0	
D. Transport & Disposal							
1.) Landfill							
a. Transportation							
Percent To Be Shipped (Pumps)	50.0%	50.0%	50.0%	50.0%	50.0%	0.0%	
Loads To Be Shipped	0.0	1.0	0.4	0.5	1.1	0.0	
Transportation Cost per Load	$160	$160	$160	$160	$160	$160	
Transportation Cost ($)	$0	$160	$64	$80	$176	$0	$480
b. Disposal							
Disposal Fee Per Yd^3	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	
Yds^3 Per Load	20	20	20	20	20	20	
Disposal Cost ($)	$0	$240	$96	$120	$264	$0	$720
Total Cost - Landfill	$0	$400	$160	$200	$440	$0	$1,200
2.) Licensed Site							
a. Transportation							
Percent To Be Shipped (Pumps)	50.0%	50.0%	50.0%	50.0%	50.0%	0.0%	
Percent To Be Shipped (Tubing)	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	
Loads To Be Shipped	1.3	4.0	1.5	2.9	6.6	0.0	
Transportation Cost per Load	$1,000	$1,000	$1,000	$1,000	$1,000	$1,000	
Transportation Cost ($)	$1,256	$4,043	$1,541	$2,873	$6,635	$0	$16,349
b. Disposal							
Disposal Cost Per Ft^3	$11.00	$11.00	$11.00	$11.00	$11.00	$11.00	
Disposal Fee Per Yd^3	$297.00	$297.00	$297.00	$297.00	$297.00	$297.00	
Quantity Per Truck Load (Yds^3)	20	20	20	20	20	20	
Disposal Cost ($)	$7,462	$24,017	$9,154	$17,068	$39,413	$0	$97,115
Total Cost - Licensed Site	$8,719	$28,061	$10,695	$19,941	$46,048	$0	$113,464
Total Cost - Transport & Disposal	$8,719	$28,461	$10,855	$20,141	$46,488	$0	$114,664
Total Cost - Pump Removal & Disposal	$8,719	$39,336	$15,049	$26,366	$60,162	$0	$149,631
III Surface Trunkline Piping							
A. Removal							
Total Quantity (Ft)	44700	0	0	0	0	0	
Cost of Removal ($/Ft)	$0.146	$0.146	$0.146	$0.146	$0.146	$0.146	
Cost of Removal ($)	$0	$0	$0	$0	$0	$0	$0
Average OD (Inches)	8.750	8.750	0.000	0.000	0.000	0.000	
Chipped Volume Reduction (Ft^3/Ft)	0.088	0.088	0.088	0.088	0.088	0.088	
Chipped Volume (Ft^3)	3934	0	0	0	0	0	
Quantity Per Truck Load (Ft^3)	540	540	540	540	540	540	
Total Number of Truck Loads	7.3	0.0	0.0	0.0	0.0	0.0	
B. Survey & Decontamination							
Percent Requiring Decontamination	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Loads for Decontamination	0.0	0.0	0.0	0.0	0.0	0.0	
Cost for Decontamination ($/Load)	$435.00	$435.00	$435.00	$435.00	$435.00	$435.00	
Cost for Decontamination ($)	$0	$0	$0	$0	$0	$0	$0
C. Transport & Disposal							
1.) Landfill							
a. Transportation							
Percent To Be Shipped	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Loads To Be Shipped	0.0	0.0	0.0	0.0	0.0	0.0	
Transportation Cost per Load	$160	$160	$160	$160	$160	$160	
Transportation Cost ($)	$0	$0	$0	$0	$0	$0	$0
b. Disposal							
Disposal Fee Per Yd^3	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	
Yds^3 Per Load	20	20	20	20	20	20	
Disposal Cost ($)	$0	$0	$0	$0	$0	$0	$0
Total Cost - Landfill	$0	$0	$0	$0	$0	$0	$0
2.) Licensed Site							
a. Transportation							
Percent To Be Shipped	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
Loads To Be Shipped	7.3	0.0	0.0	0.0	0.0	0.0	
Transportation Cost per Load	$1,000	$1,000	$1,000	$1,000	$1,000	$1,000	
Transportation Cost ($)	$7,284	$0	$0	$0	$0	$0	$7,284
b. Disposal							
Disposal Cost Per Ft^3	$11.00	$11.00	$11.00	$11.00	$11.00	$11.00	
Disposal Fee Per Yd^3	$297.00	$297.00	$297.00	$297.00	$297.00	$297.00	

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WELLFIELD EQUIPMENT REMOVAL & DISPOSAL	Irigaray Mine Unit(s) #1 Thru #9	Christensen Mine Units #2 Thru #4	Christensen Mine Unit #5	Christensen Mine Unit #6	Christensen Mine Unit #7	Christensen Mine Unit #8	Total Christensen & Irigaray
Quantity Per Truck Load (Yds^3)	20	20	20	20	20	20	
Disposal Cost ($)	$43,270	$0	$0	$0	$0	$0	$43,270
Total Cost - Licensed Site	$50,554	$0	$0	$0	$0	$0	$50,554
Total Recirculation Phase $0.863 per Kgal	$50,554	$0	$0	$0	$0	$0	$50,554
Total Cost - Surface Trunkline Removal & Disposal	$50,554	$0	$0	$0	$0	$0	$50,554
IV Buried Trunkline							
A. Removal							
Total Quantity (Ft)	7300	11565	24500	47000	28500	0	
Cost of Removal ($/Ft)	$3.12	$3.12	$3.12	$3.12	$3.12	$3.12	
Cost of Removal ($)	$22,776	$36,083	$76,440	$146,640	$88,920	$0	$370,859
Average OD (Inches)	8.750	8.750	8.750	12.000	12.000	12.000	
Chipped Volume Reduction (Ft^3/Ft)	0.088	0.088	0.088	0.130	0.130	0.130	
Chipped Volume (Ft^3)	642	1018	2156	6110	3705	0	
Quantity Per Truck Load (Ft^3)	540	540	540	540	540	540	
Number of Truck Loads	1.2	1.9	4.0	11.3	6.9	0.0	
B. Survey & Decontamination							
Percent Requiring Decontamination	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Loads for Decontamination	0.0	0.0	0.0	0.0	0.0	0.0	
Cost for Decontamination. ($/Load)	$435.00	$435.00	$435.00	$435.00	$435.00	$435.00	
Cost for Decontamination. ($)	$0	$0	$0	$0	$0	$0	$0
C. Transport & Disposal							
1.) Landfill							
a. Transportation							
Percent To Be Shipped	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	
Loads To Be Shipped	0.0	0.0	0.0	0.0	0.0	0.0	
Transportation Cost per Load	$160	$160	$160	$160	$160	$160	
Transportation Cost ($)	$0	$0	$0	$0	$0	$0	$0
b. Disposal							
Disposal Fee Per Yd^3	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	
Yds^3 Per Load	20	20	20	20	20	20	
Disposal Cost ($)	$0	$0	$0	$0	$0	$0	$0
Total Cost - Landfill	$0	$0	$0	$0	$0	$0	$0
2.) Licensed Site							
a. Transportation							
Percent To Be Shipped	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	
Loads To Be Shipped	1.2	1.9	4.0	11.3	6.9	0.0	
Transportation Cost per Load	$1,000	$1,000	$1,000	$1,000	$1,000	$1,000	
Transportation Cost ($)	$1,200	$1,900	$4,000	$11,300	$6,900	$0	$25,300
b. Disposal							
Disposal Cost Per Ft^3	$11.00	$11.00	$11.00	$11.00	$11.00	$11.00	
Disposal Fee Per Yd^3	$297.00	$297.00	$297.00	$297.00	$297.00	$297.00	
Quantity Per Truck Load (Yds^3)	20	20	20	20	20	20	
Disposal Cost ($)	$7,128	$11,286	$23,760	$67,122	$40,986	$0	$150,282
Total Cost - Licensed Site	$8,328	$13,186	$27,760	$78,422	$47,886	$0	$175,582
Total Cost - Transport & Disposal	$8,328	$13,186	$27,760	$78,422	$47,886	$0	$175,582
Total Cost - Buried Trunkline Removal & Disposal	$31,104	$49,269	$104,200	$225,062	$136,806	$0	$546,441
V Manholes							
A. Removal							
Total Quantity	5	8	5	11	15	0	
Cost of Removal ($ Each)	$117.00	$117.00	$117.00	$117.00	$117.00	$117.00	
Cost of Removal ($)	$585	$936	$585	$1,287	$585	$0	$3,978
Quantity Per Truck Load	10	10	10	10	10	10	
Number of Truck Loads	0.5	0.8	0.5	1.1	0.5	0.0	
B. Survey & Decontamination							
Percent Requiring Decontamination	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Loads for Decontamination	0.0	0.0	0.0	0.0	0.0	0.0	
Cost for Decontamination ($/Load)	$435.00	$435.00	$435.00	$435.00	$435.00	$435.00	
Cost for Decontamination ($)	$0	$0	$0	$0	$0	$0	$0
C. Transport & Disposal							
1.) Landfill							
a. Transportation							
Percent To Be Shipped	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Loads To Be Shipped	0.0	0.0	0.0	0.0	0.0	0.0	
Transportation Cost per Load	$160	$160	$160	$160	$160	$160	

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WELLFIELD EQUIPMENT REMOVAL & DISPOSAL	Irigaray Mine Unit(s) #1 Thru #9	Christensen Mine Units #2 Thru #4	Christensen Mine Unit #5	Christensen Mine Unit #6	Christensen Mine Unit #7	Christensen Mine Unit #8	Total Christensen & Irigaray
Transportation Cost ($)	$0	$0	$0	$0	$0	$0	$0
b. Disposal							
Disposal Fee Per Yd³ ($)	$12.00	$12.00	$12.00	$12.00	$12.00	$12.00	
Yds³ Per Load	20	20	20	20	20	20	
Disposal Cost ($)	$0	$0	$0	$0	$0	$0	$0
Total Cost - Landfill	$0	$0	$0	$0	$0	$0	$0
2.) Licensed Site							
a. Transportation							
Percent To Be Shipped	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Loads To Be Shipped	0.0	0.0	0.0	0.0	0.0	0.0	
Transportation Cost per Load	$1,000	$1,000	$1,000	$1,000	$1,000	$1,000	
Transportation Cost ($)	$0	$0	$0	$0	$0	$0	$0
b. Disposal							
Disposal Cost Per Ft³	$11.00	$11.00	$11.00	$11.00	$11.00	$11.00	
Disposal Fee Per Yd³	$297.00	$297.00	$297.00	$297.00	$297.00	$297.00	
Quantity Per Truck Load (Yds³)	20	20	20	20	20	20	
Disposal Cost ($)	$0	$0	$0	$0	$0	$0	$0
Total Cost - Licensed Site	$0	$0	$0	$0	$0	$0	$0
Total Cost - Transport & Disposal	$0	$0	$0	$0	$0	$0	$0
Total Cost Manhole Removal & Disposal	$585	$936	$585	$1,287	$585	$0	$3,978
TOTAL COST - WELLFIELD EQUIP REMOVAL & DISP	$115,614	$204,801	$159,474	$299,339	$307,310	$0	$1,086,537

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TOPSOIL REPLACEMENT & REVEGETATION	Irigaray Mine Unit(s) #1 Thru #9	Christensen Mine Units #2 Thru #4	Christensen Mine Unit #5	Christensen Mine Unit #6	Christensen Mine Unit #7	Christensen Mine Unit #8	Total Christensen & Irigaray
I Process Plant and Office Building							
A. Topsoil Handling & Grading							
Affected Area (Acres)	5.0	2.5	0.0	0.0	0.0	0.0	
Average Affected Thickness (Ins)	12.0	12.0	0.0	0.0	0.0	0.0	
Topsoil Volume (Yds^3)	8067	4033	0	0	0	0	
Unit Cost - Haul/Place ($/Yd^3$)	$2.00	$2.00	$2.00	$2.00	$2.00	$2.00	
Topsoil Handling Cost ($)	$16,133	$8,067	$0	$0	$0	$0	
Unit Cost - Grading ($/Ac)	$38.45	$38.45	$38.45	$38.45	$38.45	$38.45	
Grading Cost ($)	$192	$96	$0	$0	$0	$0	
Sub Total - Topsoil	$16,326	$8,163	$0	$0	$0	$0	$24,488
B. Radiation Survey & Soil Analysis							
Unit Cost ($/Ac)	$520.00	$520.00	$520.00	$520.00	$520.00	$520.00	
Sub Total - Survey & Analysis	$2,600	$1,300	$0	$0	$0	$0	$3,900
C. Revegetation							
Fertilizer ($/Ac)	$46.49	$46.49	$46.49	$46.49	$46.49	$46.49	
Seeding Prep & Seeding ($/Ac)	$168.68	$168.68	$168.68	$168.68	$168.68	$168.68	
Mulching & Crimping ($/Ac)	$276.54	$276.54	$276.54	$276.54	$276.54	$276.54	
Sub Total Cost/Acre	$491.71	$491.71	$491.71	$491.71	$491.71	$491.71	
Sub Total - Revegation	$2,459	$1,229	$0	$0	$0	$0	$3,688
Sub Total - Process Plant and Office Bldg.	$21,384	$10,692	$0	$0	$0	$0	$32,076
II Ponds							
A. Topsoil Handling & Grading							
Affected Area (Acres)	20.0	12.0	0.0	0.0	0.0	0.0	
Average Affected Thickness (Ins)	12	12	0	0	0	0	
Topsoil Volume (Yds^3)	32267	19360	0	0	0	0	
Unit Cost - Haul/Place ($/Yd^3$)	$2.00	$2.00	$2.00	$2.00	$2.00	$2.00	
Topsoil Handling Cost ($)	$64,533	$38,720	$0	$0	$0	$0	
Unit Cost - Grading ($/Ac)	$38.45	$38.45	$38.45	$38.45	$38.45	$38.45	
Grading Cost ($)	$769	$461	$0	$0	$0	$0	
Sub Total - Topsoil	$65,302	$39,181	$0	$0	$0	$0	$104,484
B. Radiation Survey & Soil Analysis							
Unit Cost ($/Ac)	$520.00	$520.00	$520.00	$520.00	$520.00	$520.00	
Sub Total - Survey & Analysis	$10,400	$6,240	$0	$0	$0	$0	$16,640
C. Revegation							
Fertilizer ($/Ac)	$46.49	$46.49	$46.49	$46.49	$46.49	$46.49	
Seeding Prep & Seeding ($/Ac)	$168.68	$168.68	$168.68	$168.68	$168.68	$168.68	
Mulching & Crimping ($/Ac)	$276.54	$276.54	$276.54	$276.54	$276.54	$276.54	
Sub Total Cost/Acre	$491.71	$491.71	$491.71	$491.71	$491.71	$491.71	
Sub Total - Revegation	$9,834	$5,901	$0	$0	$0	$0	$15,735
Sub Total - Ponds	$85,537	$51,322	$0	$0	$0	$0	$136,858
III Wellfields							
A. Topsoil Handling & Grading							
Affected Area (Acres)	40.0	55.0	30.0	50.0	35.0	40.0	
Average Affected Thickness (Ins)	3.5	0.0	0.0	0.0	0.0	0.0	
Topsoil Volume (Yds^3)	18822	0	0	0	0	0	
Unit Cost - Haul/Place ($/Yd^3$)	$2.00	$2.00	$2.00	$2.00	$2.00	$2.00	
Topsoil Handling Cost ($)	$37,644	$0	$0	$0	$0	$0	
Unit Cost - Grading ($/Ac)	$38.45	$38.45	$38.45	$38.45	$38.45	$0.00	
Grading Cost ($)	$1,538	$2,115	$1,154	$1,923	$1,346	$0	
Sub Total - Topsoil	$39,182	$2,115	$1,154	$1,923	$1,346	$0	$45,719
B. Radiation Survey & Soil Analysis							
Unit Cost ($/Ac)	$520.00	$520.00	$520.00	$520.00	$520.00	$520.00	
Sub Total - Survey & Analysis	$20,800	$28,600	$15,600	$26,000	$10,200	$0	$109,200
C: Spill Cleanup							
Affected Area (Acres)		0.036	0	0	0	0	
Affected Area (ft^2)		1,568	0	0	0	0	
Average Affected Thickness (ft)		0.25	0	0	0	0	
Affected Volume (ft^3)		392	0	0	0	0	
Quantity per Truckload (ft^3)		540	540	540	540	540	
Quantity to be Shipped (Loads)		0.7	0.0	0.0	0.0	0.0	
Transportation Cost per Load		$1,000	$1,000	$1,000	$1,000	$1,000	
Transportation Cost ($)		$726	$0	$0	$0	$0	
Handling Cost ($240/load)		$174	$0	$0	$0	$0	
Disposal Fee per Cubic Foot ($)		$3.70	$3.70	$3.70	$3.70	$3.70	
Disposal Cost ($)		$1,450	$0	$0	$0	$0	

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TOPSOIL REPLACEMENT & REVEGETATION	Irigaray Mine Unit(s) #1 Thru #9	Christensen Mine Units #2 Thru #4	Christensen Mine Unit #5	Christensen Mine Unit #6	Christensen Mine Unit #7	Christensen Mine Unit #8	Total Christensen & Irigaray
Sub Total - Spill Cleanup	$0	$2,351	$0	$0	$0	$0	$2,351
D. Revegation							
Fertilizer ($/Ac)	$46.49	$46.49	$46.49	$46.49	$46.49	$46.49	
Seeding Prep & Seeding ($/Ac)	$168.68	$168.68	$168.68	$168.68	$168.68	$168.68	
Mulching & Crimping ($/Ac)	$276.54	$276.54	$276.54	$276.54	$276.54	$276.54	
Sub Total Cost/Acre	$491.71	$491.71	$491.71	$491.71	$491.71	$491.71	
Sub Total - Revegation	$19,668	$27,044	$14,751	$24,586	$17,210	$19,668	$122,928
Sub Total - Wellfields ($)	$79,651	$60,109	$31,505	$52,508	$36,756	$19,668	$280,197
IV Roads							
A. Topsoil Handling & Grading							
Affected Area (Acres)	25.0	20.0	15.0	21.0	12.0	15.0	
Average Affected Thickness (Ins)	12	12	12	12	12	12	
Topsoil Volume (Yds³)	40333	32267	24200	33880	19360	24200	
Unit Cost - Haul/Place ($/Yd³)	$2.00	$2.00	$2.00	$2.00	$2.00	$2.00	
Topsoil Handling Cost ($)	$80,667	$64,533	$48,400	$67,760	$38,720	$48,400	
Unit Cost - Grading ($/Ac)	$38.45	$38.45	$38.45	$38.45	$38.45	$38.45	
Grading Cost ($)	$961	$769	$577	$807	$461	$577	
Sub Total - Topsoil	$81,628	$65,302	$48,977	$68,567	$39,181	$48,977	$352,633
B. Radiation Survey & Soil Analysis							
Unit Cost ($/Ac)	$520.00	$520.00	$520.00	$520.00	$520.00	$520.00	
Sub Total - Survey & Analysis	$13,000	$10,400	$7,800	$10,920	$6,240	$7,800	$56,160
C. Revegation							
Fertilizer ($/Ac)	$46.49	$46.49	$46.49	$46.49	$46.49	$46.49	
Seeding Prep & Seeding ($/Ac)	$168.68	$168.68	$168.68	$168.68	$168.68	$168.68	
Mulching & Crimping ($/Ac)	$276.54	$276.54	$276.54	$276.54	$276.54	$276.54	
Sub Total Cost/Acre	$491.71	$491.71	$491.71	$491.71	$491.71	$491.71	
Sub Total - Revegation	$12,293	$9,834	$7,376	$10,326	$5,901	$7,376	$53,105
Sub Total - Roads ($)	$106,921	$85,537	$64,152	$89,813	$51,322	$64,152	$461,897
V Other							
A. Topsoil Handling & Grading							
Affected Area (Acres)	41.0	19.0	5.0	5.0	5.0	5.0	
Average Affected Thickness (Ins)	0.0	0.0	0	0	0	0	
Topsoil Volume (Yds³)	0	0	0	0	0	0	
Unit Cost - Haul/Place ($/Yd³)	$2.00	$2.00	$2.00	$2.00	$2.00	$2.00	
Topsoil Handling Cost ($)	$0	$0	$0	$0	$0	$0	
Unit Cost - Grading ($/Ac)	$38.45	$38.45	$38.45	$38.45	$38.45	$0.00	
Grading Cost ($)	$1,576	$731	$192	$192	$192	$0	
Sub Total - Topsoil	$1,576	$731	$192	$192	$192	$0	$2,884
B. Radiation Survey & Soil Analysis							
Unit Cost ($/Ac)	$520.00	$520.00	$520.00	$520.00	$520.00	$520.00	
Sub Total - Survey & Analysis	$21,320	$9,880	$2,600	$2,600	$2,600	$2,600	$41,600
C. Revegation							
Fertilizer ($/Ac)	$46.49	$46.49	$46.49	$46.49	$46.49	$46.49	
Seeding Prep & Seeding ($/Ac)	$168.68	$168.68	$168.68	$168.68	$168.68	$168.68	
Mulching & Crimping ($/Ac)	$276.54	$276.54	$276.54	$276.54	$276.54	$276.54	
Sub Total Cost/Acre	$491.71	$491.71	$491.71	$491.71	$491.71	$491.71	
Sub Total - Revegation	$20,160	$9,342	$2,459	$2,459	$2,459	$2,459	$39,337
Sub Total - Other	$43,057	$19,953	$5,251	$5,251	$5,251	$5,059	$83,821
VI Remedial Action							
A. Topsoil Handling & Grading							
Affected Area (Acres)	65.5	54.3	25.0	38.0	26.0	30.0	
Average Affected Thickness (Ins)	0.0	0.0	0.0	0.0	0.0	0.0	
Topsoil Volume (Yds³)	0	0	0	0	0	0	
Unit Cost - Haul/Place ($/Yd³)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
Topsoil Handling Cost ($)	$0	$0	$0	$0	$0	$0	
Unit Cost - Grading ($/Ac)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
Grading Cost ($)	$0	$0	$0	$0	$0	$0	
Sub Total - Topsoil	$0	$0	$0	$0	$0	$0	$0
B. Radiation Survey & Soil Analysis							
Unit Cost ($/Ac)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
Sub Total - Survey & Analysis	$0	$0	$0	$0	$0	$0	$0
C. Revegation							
Fertilizer ($/Ac)	$46.49	$46.49	$46.49	$46.49	$46.49	$46.49	
Seeding Prep & Seeding ($/Ac)	$168.68	$168.68	$168.68	$168.68	$168.68	$168.68	
Mulching & Crimping ($/Ac)	$276.54	$276.54	$276.54	$276.54	$276.54	$276.54	
Sub Total Cost/Acre	$491.71	$491.71	$491.71	$491.71	$491.71	$491.71	

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TOPSOIL REPLACEMENT & REVEGETATION	Irigaray Mine Unit(s) #1 Thru #9	Christensen Mine Units #2 Thru #4	Christensen Mine Unit #5	Christensen Mine Unit #6	Christensen Mine Unit #7	Christensen Mine Unit #8	Total Christensen & Irigaray
Sub Total - Revegation	$32,207	$26,675	$12,293	$18,685	$12,784	$14,751	$117,396
Sub Total - Remedial Action	$32,207	$26,675	$12,293	$18,685	$12,784	$14,751	$117,396
TOTAL COST - TOPSOIL & REVEGETATION	$368,756	$254,288	$113,201	$166,257	$106,113	$103,631	$1,112,245

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	MISCELLANEOUS RECLAMATION	Irigaray Mine Unit(s) #1 Thru #9	Christensen Mine Units #2 Thru #4	Christensen Mine Unit #5	Christensen Mine Unit #6	Christensen Mine Unit #7	Christensen Mine Unit #8	Total Christensen & Irigaray
I	Fence Removal & Disposal							
	Quantity (Feet)	15240	35260	20000	9000	12000	0	
	Cost of Removal/Disposal ($/Ft)	$0.68	$0.68	$0.68	$0.68	$0.68	$0.68	
	Cost of Removal/Disposal ($)	$10,363	$23,977	$13,600	$6,120	$8,160	$0	$62,220
II	Powerline Removal & Disposal							
	Quantity (Feet)	9450	10565	18000	18000	5000	10000	
	Cost of Removal/Disposal ($/Ft)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
	Cost of Removal/Disposal ($)	$0	$0	$0	$0	$0	$0	$0
III	Powerpole Removal & Disposal							
	Quantity	25	30	60	60	25	50	
	Cost of Removal/Disposal ($/Each)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
	Cost of Removal/Disposal ($)	$0	$0	$0	$0	$0	$0	$0
IV	Transformer Removal & Disposal							
	Quantity	0	1	0	0	18	0	
	Cost of Removal/Disposal ($/Each)	$2,525	$2,525	$2,525	$619	$619	$619	
	Cost of Removal/Disposal ($)	$0	$2,525	$0	$0	$11,142	$0	$13,667
V	Booster Pump Assembly Removal & Disposal							
	Quantity	0	6	5	5	0	0	
	Cost of Removal/Disposal ($/Each)	$248	$248	$248	$248	$248	$248	
	Cost of Removal/Disposal ($)	$0	$1,488	$1,240	$1,240	$0	$0	$3,968
VI	Culvert Removal & Disposal							
	Quantity (Feet)	150	1200	1000	1000	500	0	
	Cost of Removal/Disposal ($/Ft)	$3.48	$3.48	$3.48	$3.48	$3.48	$3.48	
	Cost of Removal/Disposal ($)	$522	$4,176	$3,480	$3,480	$1,740	$0	$13,398
VII	Guardrail Removal							
	Quantity (Feet)	200	3000	0	0	0	0	
	Cost of Removal/Disposal ($/Ft)	$6.44	$6.44	$6.44	$6.44	$6.44	$6.44	
	Cost of Removal/Disposal ($)	$1,288	$19,320	$0	$0	$0	$0	$20,608
VIII	Low Water Stream Crossing							
	Quantity	0	1	1	0	0	0	
	Cost of Removal/Disposal ($/Each)	$4,500	$4,500	$4,500	$4,500	$4,500	$4,500	
	Cost of Removal/Disposal ($)	$0	$4,500	$4,500	$0	$0	$0	$9,000
IX	Utilities Cost							
	Quantity (Mos)	0	8	4	4	4	0	
	Cost Per Month ($/Month)	$65	$65	$65	$65	$65	$65	
	Total Cost ($)	$0	$520	$260	$260	$260	$0	$1,300
	TOTAL MISCELLANEOUS COST	$12,173	$56,506	$23,080	$11,100	$21,302	$0	$124,161

APPENDIX 4

APPENDIX 4

General Location & Environmental Monitoring Maps

APPENDIX 5

Piezomertric Contour Maps

APPENDIX 6

Wildlife Monitoring

CHRISTENSEN RANCH AND IRIGARAY MINES
2009 WILDLIFE MONITORING

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ICF Jones & Stokes. 2010. Christensen and Irigaray Mines: 2009 Wildlife Monitoring. March. (ICF J&S 00351.09) Gillette, WY. Prepared for Uranium One Americas, Inc.

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Table 3. Annual productivity for nesting raptors in the Irigaray and Christensen Ranch survey area during surveys conducted for those properties from 1991 through 1999 and 2007 through 2009 11

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Figure 1. Cumulative peak male sage-grouse attendance at leks in the Irigaray and Christensen Ranch survey areas during spring surveys from 1989 through 2009 5

Maps

Map 1. 2009 Wildlife Monitoring: Sage-grouse Leks and Raptor Nests.

Introduction

Uranium One Americas, Inc. (Uranium One) has developed two in situ uranium recovery operations (Christensen Ranch and Irigaray) near the boundary of Johnson and Campbell Counties, Wyoming. ICF Jones & Stokes conducted annual wildlife monitoring surveys at the Irigaray and Christensen Ranch operations from 1995 through 1999, but discontinued surveys in 2000 when operations at both sites were suspended. In preparation for renewed operations, Uranium One commissioned ICF Jones & Stokes to renew wildlife monitoring efforts at both properties in 2007, with full reinstatement of the annual wildlife monitoring program beginning in 2008.

In keeping with Uranium One's Permit to Mine (No. 478-A2), past wildlife survey tasks completed have included:

- voluntary aerial surveys for wintering big game;
- monitoring and searching for greater sage-grouse (*Centrocercus urophasianus*) leks; and
- surveys for nesting raptors.

ICF Jones & Stokes biologists again conducted surveys for nesting raptors and sage grouse leks in 2009. However, voluntary big game surveys were discontinued and not conducted in 2009. The wildlife study area, survey methods, and results from the 2009 surveys and previous years are described below.

Survey Area

Christensen Ranch

The Christensen Ranch permit area (including the previous Amendment Area) encompasses approximately 22.1 square miles that includes portions of Sections 24, 26, 35 and 35 T45N:R77W; Sections 19 and 31-33 T45N:R76W; Sections 1-3 and 10-12 T44N:R77W; and Sections 3-10 and16-21 T44N:R76W (Map 1). Although the Christensen Ranch survey area is quite large, activities associated with uranium recovery have been limited to non-contiguous, narrow bands, totaling less than 3.0 square miles.

Much of this portion of the survey area is divided by numerous drainages associated with the North Butte plateau, which exists in the extreme east-central portion of the survey perimeter. With few exceptions, trees are limited to cottonwoods (*Populus* spp.) along the Willow Creek corridor, which flows northwest through the center of the permit area. The far southeastern portion of the monitoring area consists of somewhat gentler terrain, a few deep drainages, and several rolling hills.

Irigaray

The Irigaray permit area is limited to approximately 1.0 square mile that spans Sections 5, 8, 9 and 16 T45N:R77W (Map 1). The wildlife survey area for Irigaray includes the permit area and a surrounding 1.0-mile perimeter, and has ranged from 10.6 to 14.0 square miles in past years.

The terrain in this portion of the survey area is rugged and heavily dissected by numerous steep drainages. Willow Creek bisects the area from southeast to northwest and flows to the Powder River, just west of the 1.0-mile perimeter. Individuals and small stands of cottonwood trees occur along Willow Creek, but few trees are found elsewhere on the property.

The combined Christensen Ranch and Irigaray wildlife survey area has varied over time, ranging from 53.0 to 64.0 square miles. In 2009, the boundary for the monitoring area was modified to include a perimeter that was uniformly 1.0 mile around both of the Christensen Ranch and Irigaray permit boundaries totaling 64.2 square miles.

Methods

Greater Sage-grouse

Eight greater sage-grouse leks are known to exist within the Irigaray and Christensen Ranch survey areas (Wyoming Game and Fish Department [WGFD] 2009). Three leks (Christensen Ranch 1, 3, and 7; see Map 1) are present within the Christensen Ranch Amendment Area, and five leks (Irigaray and Irigaray II, and Christensen Ranch 2, 4, and 5; see Map 1) are located within the surrounding survey area.

Both aerial surveys and ground-based counts for sage-grouse leks were conducted during spring 2009. Aerial surveys were used primarily as a means to search for new leks, while ground surveys were used to confirm activity and obtain accurate counts at the known leks. Most of the known sage-grouse leks were checked during the aerial survey conducted on May 3 with additional searches commencing on April 11 and 20. On dates where only searches were conducted, leks were avoided to reduce disturbance to sage-grouse once activity had been confirmed at the site. All aerial surveys were completed between 30 minutes before and 1 hour after sunrise by two ICF Jones & Stokes biologists and a pilot in a fixed-wing Cessna 172XP, 182, or 205 at a speed and altitude of 80-100 mph and 100-300 feet above ground level, respectively. The surveys were conducted by flying north-south transects spaced at 0.62-mile (1 kilometer [km]) intervals for both permit areas and the surrounding 1.0 mile perimeter. Ground-based counts were conducted between 30 minutes before and 30 minutes after sunrise for all known leks on April 7 and 22. Biologists also watched for and recorded grouse or their sign (droppings, fecal deposits, or feathers) during all other ground surveys.

Raptors

Raptor nest monitoring and searches were conducted from late March through early July 2009. Guidelines recommended by Grier and Fyfe (1987) were followed to prevent nest abandonment and injury to eggs or young. Early in the breeding season, known nests were monitored from a distance with the aid of binoculars and a spotting scope. Nests were not approached on foot until after May. All nests previously monitored within the Irigaray and Christensen Ranch survey area were checked at least once during the breeding season.

New nests were located by walking or slowly driving throughout the study area and frequently stopping to examine typical nesting habitat. Rough breaks and tree groves were searched on foot. Personnel continually watched for adult raptors and noted behavior that could indicate a nearby nest. Areas where individuals or pairs were repeatedly seen were thoroughly searched for nests. Six small prairie dog colonies, totaling 0.2 square miles and representing potential burrowing owl (*Athene cunicularia*) habitat, were also searched on foot.

The substrate, condition, status, location, and other site-specific information were recorded for all raptor nests. Universal Transverse Mercator (UTM NAD83, Zone 13N) coordinates (uncorrected, less than 10m accepted error) were determined using a hand-held global positioning system receiver (Garmin GPS 72). The status (active, inactive, alternate, etc.) and condition of nests and the number of young hatched successfully raised to fledglings were recorded for each nest.

Results

Greater Sage-grouse

Eight greater sage-grouse leks have been documented in the Irigaray and Christensen Ranch survey areas. Four of those leks (Irigaray and Christensen Ranch 1-3) were discovered in 1989. The Christensen Ranch 4 and 5 leks were discovered in 1998 and 1999, respectively, and the Irigaray II and Christensen Ranch 7 leks were discovered in 2005.

Three of the eight sage-grouse leks (Irigaray II, Christensen Ranch 1 and 4) were active in 2009 (Table 1). Peak male counts at the active leks in 2009 ranged from 5 to 12 birds with the highest count occurring at Christensen Ranch 4 lek (Table 1). An additional ground inspection of the Irigaray lek yielded no sightings or sign of sage-grouse. Sage-grouse habitat is fairly abundant within the survey area and observations beyond the known lek sites typically occur in appropriate habitats. Additionally, potential lek sites have been identified in past years, but no additional leks have been officially designated by the WGFD. In addition to the birds observed at the known leks, grouse were encountered on three separate occasions during the spring of 2009. On April 7, two males were flushed from sagebrush habitat east of the Irigaray II lek in SE SE Section 28, T45N:R77W and a female was observed crossing the road at NE NE Section 18, T44N:R76W. On April 22, two females were standing on the road 0.25 mile southwest of the Christensen Ranch 3 lek in SE SE Section 12, T44N:R77W.

Most sage-grouse leks were monitored nearly every year since their respective discoveries, whether by agency (WGFD) or consulting biologists. As a result, long-term data are available for each site and all leks are designated as occupied according to WGFD guidelines. The grouse population in the Irigaray and Christensen Ranch area, as measured by male attendance at the monitored leks, declined from 1989 through 1995 (Figure 1). Cumulative peak attendance dropped from 42 to 7 males during that period. Male grouse counts remained quite low through 1997, with several leks abandoned by the late 1990s (Table 1). However, populations began to increase in 1998, rising to a cumulative high of 69 males in 2006. Since 2006, the peak male counts have been dropping again, with a sharp decline observed between 2008 and 2009. It should be noted that leks were only monitored sporadically in 2000 and 2001, and according to the WGFD database records, only the Irigaray lek was monitored in 2002.

Table 1. Peak male counts at greater sage-grouse leks in the Irigaray and Christensen Ranch study area from 1989 through 2009.

Year	CR 1	CR 2	CR 3	CR 4	CR 5	CR 7	Irigaray	Irigaray II
1989	23	--	9	--	--	---	10	---
1990	16	--	4	--	--	---	6	---
1991	21	3	0	--	--	---	2	---
1992	13	6	0	--	--	---	6	---
1993	8	10	0	--	--	---	5	---
1994	4	3	0	--	--	---	5	---
1995	3	1	1	--	--	---	2	---
1996	7	0	0	--	--	---	1	---
1997	7	0	0	--	--	---	1	---
1998	10	0	0	7	--	---	5	---
1999	7	0	0	43	11	---	0	---
2000[1]	---	---	---	22	10	---	---	---
2001[1]	16	---	---	11	4	---	---	---
2002[1]	---	---	---	---	---	---	0	---
2003[1]	12	0	0	15	0	---	0	---
2004[1]	12	0	0	14	0	---	0	---
2005[1]	25	0	0	24	0	2	0	14
2006[1]	28	2	0	23	5	0	1	10
2007	28	0	0	19	0	1	0	7
2008	19	0	0	17	0	0	10	12
2009	11	0	0	12	0	0	0	5

[1] Peak male counts from the Wyoming Game and Fish Department database; not all leks were monitored in all years.
CR = Christensen Ranch
--- = Lek was not discovered or monitored in the given year.

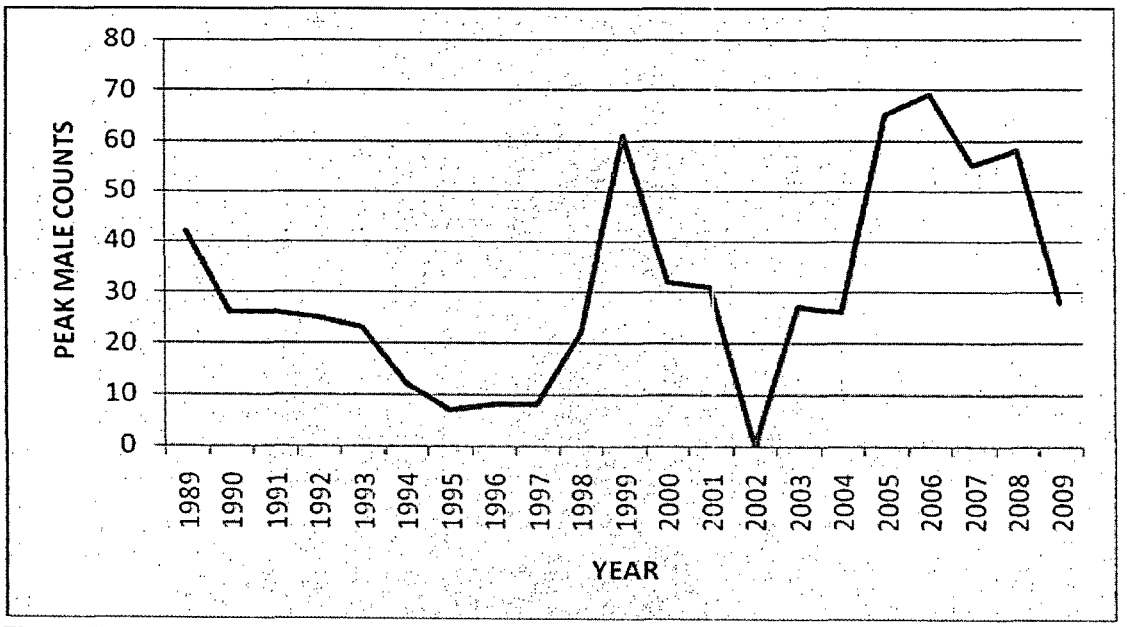

Figure 1. Cumulative peak male sage-grouse attendance at leks in the Irigaray and Christensen Ranch survey areas during spring surveys from 1989 through 2009[1].

[1]Not all leks were monitored in all years.

Other Upland Game Birds

No other upland game bird species were recorded during wildlife surveys in 2009. However, wild turkeys (*Meleagris gallopavo*) and gray partridge (*Perdix perdix*) have been documented in the survey area in past years.

Raptors

Wildlife surveys were not required or conducted for the Irigaray and Christensen Ranch permit areas from 2000 to 2006. However, biologists continued to monitor nesting raptors in portions of the survey area overlapping coal bed natural gas (CBNG) development during that period. Table 2 presents a compilation of survey results obtained specifically from the Irigaray and Christensen Ranch survey area and Bureau of Land Management (BLM) data related to CBNG development in the general project area from 2005 through 2009 (BLM 2009).

As a result of the aforementioned modifications to the study area boundary, several nests that were surveyed in previous years and beyond 1.0 mile from the permit areas are not included in this report. Compilation of all known datasets has yielded 128 known nest sites within the Irigaray and Christensen Ranch survey area. Over time, several of those nests were destroyed by natural causes. Consequently, 97 of the 128 total nest records were confirmed intact during 2009, 19 were confirmed as destroyed in 2009, and 12 nests had been destroyed prior to 2009 spring surveys. Confirmed intact nests included:

13 ferruginous hawk (*Buteo regalis*) nests,

6 golden eagle (*Aquila chrysaetos*) nests,

9 great horned owl (*Bubo virginianus*) nests,

23 red-tailed hawk (*Buteo jamaicensis*) nests,

2 American kestrel (*Falco sparverious*) nests,

1 long-eared owl (*Asio otus*) nest sites,

1 prairie falcon (*Falco mexicanus*) nest sites,

35 unknown raptor species nests,

6 red-tailed hawk/great horned owl nests, and

1 golden eagle/red-tailed hawk nests.

Only five raptor nests within the Irigaray and Christensen Ranch survey area were active in 2009, and no raptors were confirmed to successfully nest within the study area (Table 2) that year. All five nests were confirmed active by direct observation and physical evidence (e.g., fresh droppings, prey remains, etc.) at the site, but the final outcome of the pairs was unknown. After the initial observations of activity had been made, no other raptors were seen at the nests; however access to the nests was restricted by landowners for ranching (lambing) purposes and birds could have left or young could have fledged the nest prior to subsequent visits. Those sites included one golden eagle nest, one great horned owl nest, two red-tailed hawk nests, and one American kestrel nest.

Table 2. Raptor nest locations, status, and productivity[1] in the Irigaray and Christensen Ranch survey area from 2005 through 2009.

Nest No.	Code	¼ ¼	Sec	T-R	2005	2006	2007	2008	2009
FH1a	CB	NW SW	34	45-77	---	A,2+,2	A,0+,0	A,2+2	I
FH1b	CB	SE SW	34	45-77	---	---	I	I	I
FH2a	EP	NE NE	28	45-77	D-N in 1998	---	---	---	---
FH2b	ROC	SW SE	21	45-77	U	I	I	I	D-N
FH2c	SS	NE NE	28	45-77	U	U	U	U	I
FH2d	CB	NW SE	28	45-77	---	I	I	I	I
FH3a	G	SE SW	19	45-76	U	U	U	U	I
FH3b	CB	NE SW	19	45-76	U	U	U	U	D-N
FH4a	ROC	SW SE	11	44-77	---	---	I	I	I
FH4b	CB	NE NE	14	44-77	---	---	---	I	I
FH4c	CB	NE NE	14	44-77	---	---	---	I	I
FH6	W	NE NE	30	44-76	---	---	A-T	D-N	---
FH7a	ROC	SE NE	20	45-76	---	---	I	U	I
FH7b	ROC	SE NE	20	45-76	---	---	I	U	I
FH7c	ROC	NW SW	21	45-76	---	---	I	U	I
FH7d	CB	SE SE	20	45-76	---	---	I	I	I
FH8	CB	SE NE	2	44-77	---	---	---	I	I
Ferruginous Hawk Subtotals					0;0;0	1;2+;2	2;0+;0	1;2+2	0;0;0
GE1a	CB	NW SW	8	44-76	U	U	U	A,1+,0	I
GE1b	CLF	NW SW	8	44-76	---	I	A-T	ALT	I
GE1c	CLF	SW SW	8	44-76	---	A,2+,2	ALT	I	I
GE4a	CW	NE SW	27	44-76	U	U	U	I	D-N
GE4b	CW	NE SW	27	44-76	U	U	U	I	D-M
GE4c	CW	NW SE	27	44-76	---	A,1+,1	D-M	---	---
GE4d	CW	SW SE	27	44-76	A,?,?	U	U	D-N	---
GE5	CLF	NE SE	36	45-77	---	I	U	I	I
GE6a	CW	NE NE	23	45-77	---	A,2+,2	U	I	D-N
GE6b	CW	SW SW	24	45-77	D-N	---	---	---	---
GE7	CW	SE NE	26	45-77	---	I	U	I	D-N
GE8	POL	NW SW	10	44-76	---	A,1+,1	U	I	I
GE9	CW	NE NE	29	44-76	---	---	I	I	I
Golden Eagle Subtotals					1;?;?	4;6+;6	1;0+;0	1;1+;0	0;0;0

Table 2 continued.

GHO2b	CW	NW NE	8	45-77	---	---	---	I	I
GHO4b	ROC	SE NE	32	45-76	---	---	I	I	D-N
GHO7a	CW	SE NE	9	45-77	---	A,?,?	U	I	D-N
GHO8	CW	NW SE	22	45-77	---	A,1+,1	U	U	I
GHO9b	CW	NW NW	27	45-77	---	---	A-T	U	D-N
GHO9c	CW	NW NW	27	45-77	---	---	I	U	D-N
GHO10a	BOX	NE NE	32	45-76	---	---	I	I	A,?,?
GHO11	CW	SW NE	36	45-77	I	U	U	I	D-N
GHO12a	CW	SE SE	8	44-76	---	A, 1+,1	I	I	I
GHO13	CW	NW NW	19	44-76	---	---	A,1+,1	A,?,?	I
GHO14b	CW	SE SW	13	44-77	---	---	A,1+,1	I	I
GHO15b	CW	SE SE	25	44-77	---	A,2+,2	I	I	I
GHO16	CW	SW NE	30	44-76	---	A,3+,3	A,2+,2	I	I
GHO17	CW	SW NE	6	45-77	---	---	---	---	I
Great Horned Owl Subtotals					0,0,0	5,7+,7	4,4+,4	1,?,?	1,?,?
RTH1a	CW	SE SE	5	45-77	D-N in 1996	---	---	---	---
RTH1c	CW	NW NW	9	45-77	U	ALT	U	U	I
RTH1d	CW	SW SW	4	45-77	---	A,?,?	U	I	I
RTH2b	CW	SE SE	21	44-76	U	U	U	I	D-N
RTH2c	CW	SE SE	21	44-76	---	A,2+,2	A,1+,1	I	D-N
RTH3a	CW	SW NW	33	45-76	---	A,?,?	U	I	I
RTH3b	CW	SW NW	33	45-76	---	I	U	I	I
RTH4a	CW	SE SW	1	44-77	---	---	---	I	D-N
RTH4b	ROC	SW NW	1	44-77	---	A,1+,1	U	I	I
RTH4c	CW	SW SW	2	44-77	---	A,2+,2	U	I	I
RTH4d	CLF	SW NW	1	44-77	---	---	---	I	I
RTH5b	CW	NW SE	33	45-77	D-N in 1997	---	---	---	---
RTH8a	CW	NE SE	21	45-77	D-N in 1995	---	---	---	---
RTH8b	CW	SW SE	21	45-77	---	---	---	U	I
RTH8d	CW	SW NW	21	45-77	U	A,?,?	A,?,?	I	I
RTH11	CW	NW NW	13	44-77	U	U	U	U	I
RTH12	CW	NW NW	35	45-76	U	U	U	U	I

Table 2 continued.

RTH13b	CW	NW SE	25	44-77	---	---	A,2+,2	I	I
RTH13c	CW	NW SE	25	44-77	---	---	A,?,?	I	I
RTH14a	CW	SE NE	9	45-77	---	A,?,?	U	U	I
RTH18	CW	SW SW	18	44-76	---	---	A,3+,3	I	I
RTH20	CW	SW NE	30	44-76	---	I	A,2+,2	I	I
RTH21a	CW	NW SE	27	44-76	---	I	A,0,0	I	I
RTH21b	CW	NW SE	27	44-76	I	U	U	I	D-N
RTH22a	CW	SW NE	6	45-77	---	---	---	I	I
RTH22b	CW	SW NE	6	45-77	---	---	---	I	I
RTH23	CW	NE SE	17	45-77	---	---	---	U	I
RTH24	CW	NE SW	29	44-76	---	---	---	---	I
RTH25	CW	NE SE	28	45-76	---	---	---	I	I
RTH26[3]	CW	SW SE	32	45-76	---	---	A-T	U	A,?,?
Red-tailed Hawk Subtotals					0,0,0	7,5+,5	8,8+,8	0,0,0	1,?,?
AMK1	CLF	SE NW	5	45-77	---	---	---	---	A-T
AMK2	ROC	SE SE	4	44-76	---	A,1+,?	I	I	I
American Kestrel Subtotals					0,0,0	1,1+,?	0,0,0	0,0,0	1,?,?
H1	G	NE NE	18	44-76	D-N in 1999	---	---	---	---
Northern Harrier Subtotals					0,0,0	0,0,0	0,0,0	0,0,0	0,0,0
LEO1	CW	SE NW	19	45-76	---	A,?,?	U	I	I
Long-eared Owl Subtotals					0,0,0	1,?,?	0,0,0	0,0,0	0,0,0
PF1b	ROC	NW NW	14	44-76	---	ALT	A,2+,2	I	I
Prairie Falcon Subtotals					0,0,0	0,0,0	1,2+,2	0,0,0	0,0,0
UNK1	CW	NE SW	16	45-77	U	U	U	I	I
UNK2	CW	NW SE	9	45-77	---	---	I	U	I
UNK3	CW	NE NE	15	45-77	---	I	U	I	I
UNK5	CW	NW SE	22	45-77	---	---	I	D-M	---
UNK6	CW	NE NE	23	45-77	---	I	U	I	D-N
UNK7	CW	NW NE	23	45-77	---	I	U	D-N	---

Table 2 continued.

UNK8	CW	SE SE	24	45-77	---	I	U	I	I
UNK9	CW	NE SW	26	45-77	I	U	U	I	D-N
UNK10	CW	SE SW	25	45-77	I	U	U	I	I
UNK11	CW	SW SW	36	45-77	---	I	U	I	I
UNK14	CW	NE NE	1	44-77	---	---	I	I	I
UNK16	CW	SW NW	8	44-77	---	---	I	I	I
UNK17	WIL	NW NE	16	44-76	---	---	I	I	I
UNK18	PP	SE NW	10	44-76	---	I	I	I	I
UNK19	CLF	NW NE	15	44-76	---	---	I	I	I
UNK20	POL	NE NW	15	44-76	---	---	I	I	I
UNK21	CW	SW SW	33	46-77	---	---	I	I	I
UNK23	CW	NE NE	20	45-76	---	---	I	U	I
UNK24	CW	SW SE	20	45-76	---	---	A-T	U	I
UNK26	JU	SE SW	32	45-76	---	---	U	U	I
UNK27	JU	SE SW	32	45-76	---	---	A-T	U	I
UNK28	JU	SE SW	32	45-76	---	---	U	U	I
UNK29	CW	SE SE	17	45-76	---	U	U	A[BBMA]	I
UNK31	CW	SE SW	33	46-77	---	---	I	I	I
UNK32	CW	NE SE	27	44-76	---	I	U	I	I
UNK33	CW	NW SW	5	45-77	---	---	---	I	I
UNK34	CW	NW SW	5	45-77	---	---	---	---	I
UNK35	CW	NW SW	5	45-77	---	---	---	I	I
UNK36	CW	NE SW	5	45-77	---	---	---	I	I
UNK37	CW	NE SW	5	45-77	---	---	---	I	I
UNK38	CW	NE SW	5	45-77	---	---	---	I	I
UNK39	CW	NE SW	5	45-77	---	---	---	I	I
UNK40	CW	NE SW	5	45-77	---	---	---	I	I
UNK41	CW	NE NE	23	45-77	---	---	---	---	I
UNK42	JU	SE NE	2	44-77	---	---	---	I	I
UNK43	CW	SE NW	1	44-77	---	---	---	I	I
UNK44	CW	NW SW	6	44-76	---	---	---	---	I
UNK45	CW	NW NW	20	44-76	---	---	---	I	I
UNK46	JU	NW NW	28	45-76	---	---	---	U	I
Unknown Species Subtotals					0,0,0	0,0,0	2,0,0	1,0,0	0,0,0

Table 2 continued.

Nest No.	Code	¼ ¼	Sec	T-R	2005	2006	2007	2008	2009
RTH1b/GHO2	CW	NW NW	9	45-77	U	ALT	U	U	D-N
RTH2a/GHO3	CW	SW SE	21	44-76	U	U	U	I	D-N
RTH8c/GHO5	CW	SE NE	21	45-77	U	A,2+,2GHO	ALT	I	I
RTH10a/GHO4a	CW	SE SW	16	44-76	---	A,3+,3RTH	A,?,?GHO	I	I
RTH10b/GHO4b	CW	NW NE	21	44-76	---	A,?,?GHO	A,?,?GHO	I	I
RTH13a/GHO15a	CW	NW SE	25	44-77	---	A,2+,2RTH	A,2+,2GHO	I	I
RTH16a/GHO9a	CW	SW NW	27	45-77	---	A,3+,2RTH	A,?,?GHO	A,1+,1GHO	I
RTH17/GHO12b	CW	SW NW	9	44-76	---	A,2+,2RTH	A,2+,2GHO	A,?,?RTH	A,?,?RTH
RTH19/GHO14a	CW	SE SW	13	44-77	---	A,2+,2GHO	I	D-N	---
GE11/RTH27	CW	NE NW	20	45-76	---	---	A,1+,0	I	A,?,?RTH
Multiple Species Subtotals					0,0,0	7,14+,13	6,5+,4	2,1+,1	2,?,?
Grand Totals					1,?,?	26,35+,33	26,19+,18	6,4+,3	5,?,?

[1] Data for 2005-2006 primarily derived from BLM datasets, which do not always include status and productivity. Surveys were not specifically conducted for the Irigaray and Christensen Ranch properties during that period.

[2] Denotes UNK25 nest occupied by a red-tailed hawk.

X,#,# = Status, number of young hatched, number of young fledged.

? = Unknown number of young hatched or fledged.

#+ = Minimum estimate of number of young fledged.

Species Codes	Nest Substrate Codes	Nest Status Codes
AMK = American kestrel	BOX = Boxelder	A = Active
BBMA = Black-billed magpie	CB = Creek bank	ALT = Alternate nest
FH = Ferruginous hawk	CLF = Cliff	A-T = Active-tended/no eggs laid
GE = Golden eagle	CW = Cottonwood	D-N = Destroyed, natural causes
GHO = Great horned owl	EP = Earth pillar	D-M = Destroyed, manmade causes
H = Northern harrier	G = Ground	I = Inactive
LEO = Long-eared owl	JU = Juniper	U = Unknown
PF = Prairie falcon	POL = Power pole	--- = Undiscovered or nonexistent
RTH = Red-tailed hawk	PP = Ponderosa pine	
UNK = Unknown species	ROC = Rock	
	SS = Sandstone pillar	
	WIL = Willow	
	W = Windmill	

Table 2 presents raptor production in the Christensen Ranch and Irigaray survey area during surveys conducted specifically for those properties. Productivity was relatively low from 1991 through 1996, but increased in subsequent survey years (Table 3). Raptor production was the greatest in 1998, with relatively high fledgling counts in the following year (1999) and in 2007. The high productivity in 1998 was primarily attributable to the enlargement of the survey area that year, though high prey populations throughout the region in from 1993 to 1996 and 2005 to 2007 also may have contributed to greater raptor production during those periods. Survey results in 2009 were affected by the low overall number of active nests in 2009 as well as limited access to portions of the survey area during key productivity times (May 6 to July 31).

Table 3. Annual productivity for nesting raptors in the Irigaray and Christensen Ranch survey area during surveys conducted for those properties from 1991 through 1999 and 2007 through 2009.

	Number of young fledged/species					Total
Year	RTH	GE	GHO	FH	PF	
1991	---	1+	?	---	---	1+
1992	---	3+	0	---	---	5+
1993	---	0	0	---	---	1+
1994	---	1+	?	---	---	4+
1995	---	1	0	---	---	2
1996	4	4	0	0	---	8
1997	7+	3	2+	0	---	12+
1998[1]	17+	4	4	3+	---	28+
1999	11	6	2	2	---	21
2007	8+	0	8+	1	2	21
2008	1+	0	1+	2+	0	4+
2009	0*	0*	0*	---	---	0*
Annual Means[2]	5.0	1.9	1.9	1.3	1.0	8.9

\+ Indicates minimum estimate.

? Indicates nesting status unknown.

* Indicates productivity was not confirmed due to low numbers of active nests and limited access to nests during key productivity times.

[1] Study area was increased by 40 mi^2 in 1998.

[2] Means calculated within species by dividing total fledged by the number of years species nested within survey area.

--- Indicates that the species was not known to nest in area.

Species Codes

FH = Ferruginous hawk
GE = Golden eagle
GHO = Great horned owl
RTH = Red-tailed hawk
PF = Prairie Falcon

Fluctuations in raptor nesting attempts and success rates are often linked to variations in prey availability. Large raptor species such as golden eagles, ferruginous hawks, red-tailed hawks, and great horned owls prey predominantly on lagomorphs (hares and rabbits). Lagomorph surveys are not required for in situ uranium operations in Wyoming. However, surveys for lagomorphs in other parts of the Powder River Basin indicate that populations were severely reduced from 1993 through 1996 and 2007 through 2009 (ICF Jones & Stokes, unpublished data).

Red-tailed hawks are common nesters in the survey area, and were more abundant than other raptor species in most survey years. Although the number of nesting pairs of red-tailed hawks within the overall survey area has fluctuated in recent years, at least one pair successfully nested every year from 1992 through 2008 (Table 3). In 2009, 30 intact red-tailed hawk nests were recorded (seven were multi species nests) within the study area with two confirmed active nests.

Golden eagles have also regularly nested in the Irigaray and Christensen Ranch survey area. From 1991 through 1997, four known territories were present in or immediately adjacent to the Irigaray and Christensen Ranch study area. By 2009, eight golden eagle territories had been recorded within the overall survey area. At least one pair of golden eagles fledged young during 8 of the last 12 survey years (1991-1999 and 2007-2009; Table 3). In 2009, seven intact golden eagle nests were recorded (one was a multi species nest) within the study area with one confirmed active nest.

One golden eagle pair (GE1, Map 1) nests near the Christensen Ranch facilities and has been monitored with some regularity since 1987. Over the years, the pair has had a history of failed nesting attempts due to their repeated use of a friable cliff bank along Willow Creek as a nest site. From 1987 through 1995, three separate nesting attempts were unsuccessful due to structural failures in the cliff wall either above or below the nest. Chicks perished during two of the incidents, and eggs were destroyed during the third. In 1996, the pair again built a nest on the cliff bank; the nest remained intact and one eaglet fledged. Young also fledged from that nest in two of the subsequent three years. The cliff nest site was inactive in 2009 and no evidence of active nesting (incubation, brood-rearing) was documented.

Although multiple ferruginous hawk nests had been identified in the survey area in previous years, no activity was recorded at any of those sites until 1996. A single adult ferruginous hawk was observed bringing sticks to the FH1a nest (Map 1) in both 1996 and 1997, but no eggs or young were seen in either year. In 2009, 13 intact ferruginous hawk nests were recorded within the study area with no confirmed active nests.

Great horned owls were found nesting in the area in 1991 and 1994, but their productivity during those years was not determined. No active nests were located in 1995 or 1996, although adult owls were observed roosting during each of those years. In contrast, great horned owl nests were confirmed each year from 1997 through 1999 and again in 2007 through 2009 when surveys resumed in much of the area. In 2009, 15 intact great horned owl nests were recorded (six were multi species nests) within the study area with one confirmed active nest.

References

Bureau of Land Management. 2009. ArcGIS geodatabase: "Raptor.mdb." BLM Buffalo Field Office, Buffalo, Wyoming. December 2009.

Grier, J. W. and R. W. Fyfe. 1987. Preventing research and management disturbance. Pages 173-182 *in* B. A. Pendleton, B. A. Millsap, K. W. Cline, and D. M. Bird, eds. Raptor management techniques manual. National Wildlife Federation, Washington, D. C.

ICF Jones & Stokes. 2008 (unpublished data). North Rochelle Mine. Wildlife Monitoring. December 2008. (ICF J&S 00001.TW) Gillette, WY. Prepared for Thunder Basin Coal.

Wyoming Game and Fish Department. 2008. Microsoft Excel Database: "2008 Leks & Observations_ 10032008.xls." Buffalo, Wyoming. October 2009.

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