COGEMA Mining Inc.

IRIGARAY AND CHRISTENSEN RANCH PROJECTS

2009 ANNUAL EFFLUENT AND MONITORING REPORT
January 1 through December 31, 2009
NRC Source Material License No. SUA-1341
Docket No. 40-8502

and

SEMI-ANNUAL MONITORING REPORT
July 1 through December 31, 2009
WDEQ Permit To Mine No. 478

February, 2010

Cogema Mining Inc.
Irigaray and Christensen Ranch Projects

2009 ANNUAL EFFLUENT AND MONITORING REPORT (NRC)
and
SEMI-ANNUAL MONITORING REPORT (WDEQ)

1.0 INTRODUCTION

In accordance with Sections 12.1 and 12.6 of the Nuclear Regulatory Commission (NRC) Source License No. SUA-1341, COGEMA Mining Inc. (COGEMA) hereby submits the 2009 Annual Effluent and Monitoring Report. This document summarizes the required operational and environmental monitoring conducted at the Irigaray (IR) and Christensen Ranch (CR) projects from January 1 through December 31, 2009.

The analytical data from the monitor wells for the period of July 1 through December 31, 2009 included in this document is also a requirement by the Wyoming Department of Environmental Quality (WDEQ), Permit to Mine No. 478. However, for the sake of continuity, the entire year's data is provided.

2.0 OPERATIONAL SUMMARIES

2.1 Irigaray (IR) Project
Decommissioning and refurbishment activities at Irigaray during 2009 included the following:

Removal of buried piping and wellheads in Mine unit 7 was completed soil samples were taken of all trenches as per the approved Decommissioning plan.

Sealing of cracks in the concrete floor in the plant Annex area was finished in 2009 and is an ongoing project in the old plant area.

Refurbishment of tanks, process equipment, and repainting was done in 2009 and is ongoing at the time of this report.

Other activities included:
Weed spraying was done in the wellfield, pond area, and along access roads in 2009.

When no personnel are on site the Irigaray facilities are secured with door locks and locking gates at all outer perimeter access points. A General Location Map showing the layout of the IR project site is provided in Appendix 4 of this report.

2.2Christensen Ranch Project
Limited projects of decommissioning, refurbishment of sand filters, and pouring of cement pads were done.

Sampling of Lead 210, and Radon flux was done for a ninety day period during 2009 as per the EPA standards at both the Irigaray, and Christensen sites the NRC was cc: with all data.

2.2.1 Operational Activities

As with IR, an intensive weed spraying program was done in 2009.

No wells wells were plugged and abandoned in 2009.

Sampling of monitor wells in Mine Units 2 through 6 continued, as discussed in Section 3 of this report.

General Location Maps showing the layout of the IR and CR project sites are provided in Appendix 4 of this report.

3.0 OPERATIONAL MONITORING

3.1 Groundwater Volumes Injected and Recovered

No injection of ground water was done during 2009. There was some Recovery of ground water done in 2009 for excursion control. On April 13, 2009 one recovery well was turned on in M.U.2 to control the excursion of 2MW 89; the control well was shut off on July 16, 2009 with a total of 1,368.000 gals. recovered and put in ponds 3 and 4 at the C.R. site. On September 22, 2009 three recovery wells in M.U. 4 were turned on to control the excursion of 4MW 1; the control wells were shut off on October 16, 2009 with a total of 432,000 gals. recovered and put in C.R. pond 2.

3.2 Injection Manifold Pressures

Injection manifold pressures at the CR project are limited to 140 psi during wellfield operations and 168 psi during maintenance tasks, as per License condition 11.1. Condition 11.1 requires that the injection manifold pressures be recorded daily. COGEMA uses continuous chart recorders on the injection manifolds, which record pressure 24 hours per day. The results are tabulated in graphical format and retained as permanent record at the CR offices. Due to a lack of any injection in 2009 there are no injection records for the year.

3.3 Waste Water Control

3.3.1 Evaporation Ponds

Weekly inspections are conducted on all active evaporation ponds at the IR site, and the four evaporation ponds and one permeate pond at CR. During 2009 no freeboard limits were exceeded, and no leaks were detected.

Sampling of all operative ponds is conducted on a quarterly basis and the sample analytical data are provided in Table 1 of Appendix 1.

3.3.2 Disposal Wells

Two Class I injection wells are located at CR and are licensed under the WDEQ Underground Injection Control Permit Number UIC 00-340. During 2009 a total of zero (0) gallons of restoration brine was injected into disposal well Cogema DW No. 1, and zero (0) gallons were injected into disposal well Christensen No. 18-3. Required quarterly reports were submitted to the WDEQ.

As required by UIC Permit 00-340 section I, paragraph 4, *"COGEMA 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." During 2009 to comply with Section M of the permit, Christensen No. 18-3 and COGEMA DW No 1 had Mechanical Integrity and Reservoir testing done on August 25 through September 2, 2009 by Petrotek Engineering of Littleton, Colorado. Based on the test results the wells continue to be suitable for use as Class 1 injectors.

3.4 Well Integrity Testing

Well mechanical integrity testing (MIT) results are reported to the WDEQ on a quarterly basis. A list of 2009 (MIT) results are given in Table 4 of Appendix 1. A total of Three hundred ninety three (393) wells were tested in MU-6 during 2009, with sixteen (16) wells failing the test.

3.5 Chemical Inventory

A small amount of hydrochloric acid was stored at both the IR and CR sites during 2009. The acid is used for decontamination purposes. Other on site chemicals of significant volumes included liquid propane gas for heating, diesel fuel, and gasoline fuel.

4.0 ENVIRONMENTAL MONITORING

The environmental monitoring locations are given on the Environmental Monitoring Station Locations Map in Appendix 4. The layouts of each site, including the locations of monitor/trend wells, ponds, surface discharge points and disposal wells are given in the General Location Map, also located in Appendix 4.

4.1 Groundwater Monitoring

Groundwater quality at both projects is monitored by sampling 327 monitor and/or trend wells surrounding and/or within the wellfields. Sampling frequency varies for these wells. Monitor wells on excursion status are sampled weekly. Monitor wells not on excursion and trend wells are sampled quarterly during the post-restoration and stabilization phase and thereafter. Sample analytical results along with water level elevations for 2009 are provided in Appendix 2. Seven monitor wells surrounding the 5I7 and USMT sites at IR are sampled annually.

4.1.1 Wells on Excursion Status

One well continued on excursion status during 2009. The well is Christensen well 5MW66, located adjacent to Mine Unit 5. On July 21, 2004 this well exceeded all three of its upper control limits (UCL) during its routine quarterly sampling (MU 5 has been restored and stabilization monitoring completed). To avoid reactivation of wells within this unit, COGEMA requested, and was granted, special sampling and evaluation parameters until the excursion could be fully evaluated. Essentially, COGEMA's plan for the well is to continue monitoring 5MW66 on a quarterly basis until the MU 5 restoration package is submitted to and approved by the WDEQ, and NRC. Updates of the well will be submitted to the WDEQ and NRC quarterly. The final status of 5MW66 would then be addressed in the agency approval of the restoration for MU 5.

The following Table provides the sampling data during the 2009 monitoring period:

5MW-66 Christensen Ranch

Date	Chloride mg/l UCL 22.7	Conductivity umhos/cm UCL 1004	Alkalinity mg/l UCL 134.3	pH	U_3O_8	Water Level Elevation
1/14/09	38.2	1434	363.2	7.3	< 0.4	4627.5
4/7/09	36.0	1433	340.4	7.5	< 0.4	4630.3
8/3/09	36.6	1430	333.4	7.4	< 0.4	4629.3
10/21/09	35.8	1434	330.0	7.4	< 0.4	4629.1

Two other wells, 2MD89, and 4MW1 went on excursion stats during 2009. These excursions were reported to the WDEQ and NRC with all data. They will not be duplicated in this report.

4.1.2 Regional Ranch Wells

Quarterly groundwater samples were collected from five ranch wells near the CR project and one ranch well near IR. The samples were analyzed for Uranium along with Thorium-230, Radium-226, Lead-210 and Polonium-210. The resulting data are given in Table 2 of Appendix 1. All radionuclides were at very low or non-detectable (ND) concentrations, which is typical. No upward trends in the data were noted.

4.2 Surface Water Monitoring

Willow Creek is the only source of surface water present within and adjacent to the permit boundaries of both the IR and CR projects. Willow Creek is an intermittent stream which was sampled on a quarterly basis. Three sample locations are designated at both project sites; upstream, downstream and within the permit boundary. The Powder River is also sampled annually at the Brubaker Ranch, which is approximately 4.5 miles downstream from its confluence with Willow Creek. Analytical data for both chemical and radionuclide parameters are provided in Table 3 of Appendix 1. All radionuclides were low or N/D, and no exceedances of NRC 10 CFR 20, Appendix B effluent limits occurred. No upward trends in this data were noted.

4.3 Surface Discharge Monitoring

A surface discharge outfall was available during the report period at Christensen Ranch for disposal of treated groundwater generated by restoration activities. This outfall is permitted by the WYDEQ under a Wyoming Pollutant Discharge Elimination System (WYPDES) permit. However, no water was discharged at the CR site (Permit No.WY0033642, discharge 002) during this report period.

4.4 Spill and Leak Reports

There were no reportable spills or leaks during 2009.

4.5 Air Monitoring

4.5.1 Radon Gas

Radon gas is monitored continuously at six environmental air sampling locations at or near the Irigaray Project and at four locations at or near the Christensen Ranch Project. The sampling locations are shown on the Environmental Monitoring Location map, located in Appendix 4. Passive outdoor radon detectors are exchanged and analyzed quarterly by Landauer, Inc., a NVLAP accredited company. The sample analyses data are given in Table 5. No trends or abnormal results were noted and all concentrations were well below the 10 CFR Part 20, Appendix B effluent limit for radon of 1 E-8 uCi/ml.

4.5.2 Dryer Stack Emissions

The yellowcake dryer did not operate in 2009.

4.5.3 Airborne Radionuclides

During dryer operations, continuous airborne radionuclide sampling is required at the five specified environmental air sampling locations at the IR project. No drying was conducted in 2009.

4.6 Gamma Radiation Monitoring

Gamma radiation is monitored continuously at five environmental air locations surrounding the Irigaray Project and at four locations surrounding the Christensen Ranch Project. TLDs are exchanged and analyzed quarterly by Landauer Dosimetry Services, a NVLP accredited company. The dosimeter analysis data are given in Table 6. No trends or abnormal results were noted.

5.0 OTHER INFORMATION REQUIRED BY SECTION 12.6 - NRC LICENSE

5.1 ALARA Audit

The 2009 As Low As Reasonably Achievable (ALARA) audit was completed on February 17, 2010 by Mike Griffin, Vice President Safety, Health, and Environment/Corporate Social Responsibility for uranium one. His audit report is found in Appendix 3. No increasing dose trends were noted.

5.2 Land Use Survey

The primary use of surrounding lands at both IR and CR projects continues to be rural sheep and cattle ranching. The livestock graze these lands, but are fenced-out of areas such as the evaporation ponds, plant sites and wellfields.

The secondary use of surrounding lands continues to be petroleum production from wells dispersed throughout the region. The closest oil well at the CR project is located approximately one third of a mile west of the CR plant. The closest oil well at the IR site is located approximately one half mile east of the PU 9 wellfield. To our knowledge, no new oil wells have been drilled in close proximity to either project during 2009.

Over the past several years (2001 - 2009) some additional interest has developed in the immediate areas of the IR and CR projects in the development of coal bed methane (CBM) gas. Several CBM wells were drilled within a half-mile of CR MU 5 & 6 during 2002. At present these wells are capped and awaiting additional evaluation and pipeline installation before development continues. Several CBM wells were drilled in close proximity to both projects during 2009 but there has been no

production from them.

The nearest residence to the IR site is 4 miles to the north (the Brubaker ranch) and the nearest residence to CR is the John Christensen ranch located 3 miles southeast of the CR plant site. Both are ranch housing with a population of 5 or less. No new residences have been added within 5 miles of either site since the regional demography was evaluated in Section 2.3.1 of the 1996 License Renewal Application.

5.3 2009 Site Inspections

5.3.1
No OSHA inspections were held at either the IR or CR sites in 2009.

5.3.2
NRC inspections were held on September 30th, and October 1, 2009.
No open items or violations were received.

5.3.3
On November 18, 2009 Mr. Glenn Mooney of the WDEQ, held the annual inspection of the Irigaray and Christensen sites. No violations were noted during the inspection.

5.4 SERP Summary
COGEMA's Safety and Environmental Review Panel (SERP) [NRC License Condition 9.4 (C)] was not called upon for any reviews during 2009.

5.5 Daily Walk –Through Inspections
Daily walk – through inspection are conducted at the Irigaray and Christensen Ranch locations with the exception of Friday, Saturday, and Sunday; on these days no personal are on site. Radiation control practices are not being comprised on these days. A summary of the daily inspections by week are located in Table 7 of Appendix 1.

APPENDIX 1

Tables 1 through 7

Table 1 – Evaporation Pond Samples

Table 2 – Ranch Wells Regional Groundwater

Table 3 – Surface Water Annual Samples

Table 4 - Mechanical Integrity Testing Summary

Table 5 – Environmental Radon

Table 6 - Environmental Gamma

Table 7 –Daily Inspection Summary

TABLE 1 (Page 1 of 4)

COGEMA Mining, Inc. -- Irigaray and Christensen Ranch Projects
2009 Effluent Report
Sample Type: Waste Ponds (quarterly)
Sample Date: March 19, 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)		6,250		
Chloride (mg/l)		138,000		
NH4 as N (mg/l)		3.8		
NO3 & NO2 as N (mg/l)		1.11		
TDS (mg/l)		310,000		
Conductivity		222,000		
pH		8.1		
Zinc (mg/l)		0.83		
Uranium (mg/l)		558		
Radium 226 (pCi/l)		141±11		

Pond ID #	IR-E	IR-RA	IR-RB	CR-P1perm.
Sulfate (mg/l)			11,700	Dry
Chloride (mg/l)			29,400	
NH4 as N (mg/l)			0.3	
NO3 & NO2 as N (mg/l)			0.18	
TDS (mg/l)			78,900	
Conductivity			87,500	
pH			9.6	
Zinc (mg/l)			1.09	
Uranium (mg/l)			454	
Radium 226 (pCi/l)			3.5±2.6	

Pond ID #	CR-1	CR-2	CR-3	CR-4
Sulfate (mg/l)	2,020	4,470	5,530	2,820
Chloride (mg/l)	4,470	17,200	31,400	19,600
NH4 as N (mg/l)	N/D	0.6	0.4	0.2
NO3 & NO2 as N (mg/l)	N/D	0.08	0.15	0.07
TDS (mg/l)	4,500	32,200	85,000	51,000
Conductivity	4,670	41,400	104,000	67,500
pH	9.3	9	8.7	8.4
Zinc (mg/l)	0.58	0.68	0.53	1.26
Uranium (mg/l)	10.1	21.7	45.2	11.5
Radium 226 (pCi/l)	87.3±8.9	63.8±7.5	69.7±7.9	152±11

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TABLE 1 (Page 2 of 4)

COGEMA Mining, Inc. -- Irigaray and Christensen Ranch Projects
2009 Effluent Report
Sample Type: Waste Ponds (quarterly)
Sample Date: May 21, 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)		8,570		
Chloride (mg/l)		167,000		
NH4 as N (mg/l)		1.2		
NO3 & NO2 as N (mg/l)		0.26		
TDS (mg/l)		316,000		
Conductivity		236,000		
pH		8.1		
Zinc (mg/l)		7.49		
Uranium (mg/l)		564		
Radium 226 (pCi/l)		191±12		

Pond ID #	IR-E	IR-RA	IR-RB	CR-P1
Sulfate (mg/l)			20,700	Dry
Chloride (mg/l)			25,700	
NH4 as N (mg/l)			N/D	
NO3 & NO2 as N (mg/l)			N/D	
TDS (mg/l)			86,700	
Conductivity			98,200	
pH			9.4	
Zinc (mg/l)			1.63	
Uranium (mg/l)			380	
Radium 226 (pCi/l)			2.4±2.2	

Pond ID #	CR-1	CR-2	CR-3	CR-4
Sulfate (mg/l)	1,170	4,070	3,310	2,510
Chloride (mg/l)	545	14,800	21,800	17,800
NH4 as N (mg/l)	ND	ND	N/D	N/D
NO3 & NO2 as N (mg/l)	N/D	N/D	N/D	N/D
TDS (mg/l)	4,720	30,400	62,200	51,700
Conductivity	6,480	42,900	82,900	73,600
pH	9.4	9.1	8.9	8.5
Zinc (mg/l)	0.66	1.88	2.32	2.2
Uranium (mg/l)	14.5	33.1	34.7	13
Radium 226 (pCi/l)	182±12	75.7±8.4	47.3±6.4	101.7±9.9

TABLE 1 (Page 3 of 4)

COGEMA Mining, Inc. -- Irigaray and Christensen Ranch Projects
2009 Effluent 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

TABLE 1 (Page 4 of 4)

COGEMA Mining, Inc. -- Irigaray and Christensen Ranch Projects
2009 Effluent 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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Table 2

COGEMA Mining, Inc. - Irigaray and Christensen Ranch Projects
2009 Annual Effluent Report
Sample Type: Regional Groundwater (Ranch Wells) -Quarterly Samples

Sample Location: Christensen Ranch House #3

Radionuclide	1st quarter April 9, 2009 (uCi/ml)	2nd quarter June 23, 2009 (uCi/ml)	3rd quarter August 17, 2009 (uCi/ml)	4th quarter November 11, 2009 (uCi/ml)
Uranium	1.1E-08	1.7E-08	2.7E-08	5.1E-09
Thorium-230	2.0E-10	1.0E-12	1.0E-11	1.0E-11
Radium-226	1.4E-09	6.9E-10	1.4E-09	1.3E-09
Lead-210	1.0E-18	1.5E-09	1.0E-09	1.0E-17
Polonium-210	1.0E-10	2.0E-10	5.0E-10	1.0E-10

Sample Location: Christensen Middle Artesian

Radionuclide	1st quarter April 9, 2009 (uCi/ml)	2nd quarter June 23, 2009 (uCi/ml)	3rd quarter August 17,2009 (uCi/ml)	4th quarter November 11,2009 (uCi/ml)
Uranium	4.7E-09	6.5E-09	1.0E-08	1.5E-09
Thorium-230	1.0E-11	2.0E-10	2.0E-11	4.0E-11
Radium-226	2.3E-10	1.5E-09	6.8E-10	3.8E-10
Lead-210	1.0E-18	6.0E-10	3.3E-09	7.0E-10
Polonium-210	8.0E-11	1.0E-10	1.6E-09	3.0E-10

Sample Location: Christensen Ellendale #4

Radionuclide	1st quarter April 9, 2009 (uCi/ml)	2nd quarter June 23, 2009 (uCi/ml)	3rd quarter August 17, 2009 (uCi/ml)	4th quarter November 11, 2009 (uCi/ml)
Uranium	N/D	3.0E-10	N/D	3.0E-10
Thorium-230	1.0E-10	1.0E-12	1.0E-17	3.0E-12
Radium-226	4.6E-10	1.0E-11	1.2E-09	1.7E-09
Lead-210	1.0E-14	1.6E-09	1.3E-09	1.0E-18
Polonium-210	4.0E-10	9.0E-10	1.3E-09	3.0E-10

Sample Location: Christensen Del Gulch Lower #13

Radionuclide	1st quarter April 9, 2009 (uCi/ml)	2nd quarter June 23, 2009 (uCi/ml)	3rd quarter August 17,2009 (uCi/ml)	4th quarter November 11,2009 (uCi/ml)
Uranium	No Samlpe	No Sample	No Sample	No Sample
Thorium-230				
Radium-226				
Lead-210				
Polonium-210				

Sample Location: Christensen Willow Corral #32

Radionuclide	1st quarter April 9, 2009 (uCi/ml)	2nd quarter June 23, 2009 (uCi/ml)	3rd quarter August 17, 2009 (uCi/ml)	4th quarter November 11, 2009 (uCi/ml)
Uranium	No Sample	N/D	N/D	No Sample
Thorium-230		1.0E-12	1.0E-10	
Radium-226		5.0E-11	1.0E-10	
Lead-210		2.2E-09	1.0E-07	
Polonium-210		6.0E-11	1.0E-11	

Sample Location: Christensen First Artesian Well #1

Radionuclide	1st quarter April 9, 2009 (uCi/ml)	2nd quarter June 23, 2009 (uCi/ml)	3rd quarter August 17,2009 (uCi/ml)	4th quarter November 11,2009 (uCi/ml)
Uranium	6.4E-09	2.0E-08	8.0E-10	4.2E-09
Thorium-230	1.0E-10	1.0E-10	4.0E-11	2.0E-11
Radium-226	8.7E-10	6.0E-10	1.6E-10	1.0E-09
Lead-210	N/D	1.3E-08	5.0E-10	6.4E-09
Polonium-210	3.5E-09	1.4E-08	8.0E-10	1.4E-09

Sample Location: Irigaray Willow # 2

Radionuclide	1st quarter April 9, 2009 (uCi/ml)	2nd quarter June 23, 2009 (uCi/ml)	3rd quarter August 17, 2009 (uCi/ml)	4th quarter November 11, 2009 (uCi/ml)
Uranium	N/D	N/D	NO SAMPLE	N/D
Thorium-230	1.0E-10	1.0E-16		9.0E-11
Radium-226	2.5E-10	1.3E-10		2.0E-10
Lead-210	1.0E-18	1.8E-09		N/D
Polonium-210	1.0E-10	1.0E-15		2.0E-10

LLD (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

N/D = NON DETECTABLE

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TABLE 3 (Page 1 of 8)

COGEMA Mining, Inc. Irigaray and Christensen Ranch Projects
2009 Effluent Report
Sample Type: Surface Water,1st Quarterly Samples, April 09, 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)	2.7E-08	2.1E-09	1.34E-08	Annual Sample	0.2 E-9	3.0 E-07
Thorium-230	1.0E-10	1.00E-13	1.00E-12		0.2 E-9	1.0 E-07
Radium-226	2.5E-10	3.80E-10	8.00E-11		0.2 E-9	6.0 E-08
Lead-210	1.0E-18	7.00E-10	2.00E-10		2.7 E-9	1.0 E-08
Polonium-210	1.0E-11	1.00E-11	2.00E-11		2.7 E-9	4.0 E-08
Chemical Parameters						
Total Alkalinity mg/L	4.7E+02	1740	885		1.0	N/A
Chloride mg/L	60	9	17.0		1.0	N/A
TDS mg/L	3580	2110	2650		10	N/A
Specific Conductivity umhos/cm	4630	3330	3800		1.0	N/A
Sulfate mg/L	2090	177	1200		6	N/A
pH s.u.	8.17	8.52	8.11		0.01	N/A
Arsenic mg/L	N/D	N/D	N/D		0.001	N/A
Selenium mg/L	N/D	N/D	N/D		0.001	N/A
Estimated Flow Rate:	Med	Low	Low			

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

J;\JMW\WP\2004RPT\DEQ\09_EFFUL\TABLES\S-WTR_09.XLS

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COGEMA Mining, Inc. Irigaray and Christensen Ranch Projects
2009 Efflunet Report
Sample Type: Surface Water,1st Quarterly Samples, April 09, 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	1.5E-07	3.50E-08	5.17E-08	0.2 E-9	3.0 E-07
Thorium-230	2.00E-11	6.00E-11	1.00E-16	0.2 E-9	1.0 E-07
Radium-226	3.80E-10	9.00E-11	1.50E-10	0.2 E-9	6.0 E-08
Lead-210	4.50E-09	3.50E-09	1.70E-09	2.7 E-9	1.0 E-08
Polonium-210	3.00E-10	3.00E-10	1.00E-10	2.7 E-9	4.0 E-08
Chemical Parameters					
Total Alkalinity mg/L	439	263	377	1.0	N/A
Chloride mg/L	86.0	18.0	29	1.0	N/A
TDS mg/L	5890	2130	4040	10	N/A
Specific Conductivity umhos/cm	7090	2780	4990	1.0	N/A
Sulfate mg/L	3610	1240	2510	30	N/A
pH s.u.	7.94	7.92	8.1	0.01	N/A
Arsenic mg/L	0.006	N/D	N/D	0.002	N/A
Selenium mg/L	0.017	N/D	N/D	0.005	N/A
Estimated Flow Rate:	Low	Low	Med		

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

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COGEMA Mining, Inc. Irigaray and Christensen Ranch Projects
2009 Effluent Report
Sample Type: Surface Water,2nd Quarterly Samples, June 23, 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	3.8E-09	1.09E-08	6.50E-09	0.2 E-9	3.0 E-07
Thorium-230		1.00E-11	6.00E-11	2.00E-10	0.2 E-9	1.0 E-07
Radium-226		1.20E-09	1.00E-17	1.10E-09	0.2 E-9	6.0 E-08
Lead-210		9.00E-10	8.00E-10	2.10E-09	2.7 E-9	1.0 E-08
Polonium-210		2.00E-10	8.00E-11	2.00E-10	2.7 E-9	4.0 E-08
Chemical Parameters						
Total Alkalinity mg/L		2190	1030	192	1.0	N/A
Chloride mg/L		8	19.0	146	1.0	N/A
TDS mg/L		2350	2640	1510	10	N/A
Specific Conductivity umhos/cm		3540	3790	2080	1.0	N/A
Sulfate mg/L		19	1140	717	6	N/A
pH s.u.		8.81	8.17	8.34	0.01	N/A
Arsenic mg/L		0.006	0.007	0.016	0.001	N/A
Selenium mg/L		0.001	N/D	0.005	0.001	N/A
Estimated Flow Rate:	None	Low	Low	Med		

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

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COGEMA Mining, Inc. Irigaray and Christensen Ranch Projects
2009 Efflunet Report
Sample Type: Surface Water,2nd Quarterly Samples, June 23, 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	6.10E-09	9.61E-09	0.2 E-9	3.0 E-07
Thorium-230		1.00E-11	2.00E-10	0.2 E-9	1.0 E-07
Radium-226		1.00E-18	4.00E-11	0.2 E-9	6.0 E-08
Lead-210		1.60E-09	1.40E-09	2.7 E-9	1.0 E-08
Polonium-210		4.00E-10	4.00E-11	2.7 E-9	4.0 E-08
Chemical Parameters					
Total Alkalinity mg/L		316	434	1.0	N/A
Chloride mg/L		7.0	60	1.0	N/A
TDS mg/L		2400	6280	10	N/A
Specific Conductivity umhos/cm		2910	6960	1.0	N/A
Sulfate mg/L		1440	3930	30	N/A
pH s.u.		8.12	8.01	0.01	N/A
Arsenic mg/L		0.003	0.003	0.002	N/A
Selenium mg/L		N/D	0.003	0.005	N/A
Estimated Flow Rate:	None	Low	Low		

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

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COGEMA Mining, Inc. Irigaray and Christensen Ranch Projects
2009 Effluent 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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COGEMA Mining, Inc. Irigaray and Christensen Ranch Projects
2009 Efflunet 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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COGEMA Mining, Inc. Irigaray and Christensen Ranch Projects
2009 Effluent 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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COGEMA Mining, Inc. Irigaray and Christensen Ranch Projects
2009 Efflunet 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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TABLE 4

WELL_ID	INTEGRITY	INT DATE	CASING TYPE	BOTTOM CASING DEPTH	LOWER PACKER DEPTH	INITIAL PRESSURE	FINAL PRESSURE	PRESSURE LOSS	PERCENT LOSS
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
6M32-1	F	7/8/2009	PVC	555	550	168			
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
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
6R30-2	F	7/20/2009	PVC	530	520	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

TABLE 4

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			
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
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
6S26-1	F	7/30/2009	PVC	499	490	168			
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

TABLE 4

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

TABLE 4

WELL_ID	INTEGRITY	INT DATE	CASING TYPE	BOTTOM CASING DEPTH	LOWER PACKER DEPTH	INITIAL PRESSURE	FINAL PRESSURE	PRESSURE LOSS	PERCENT LOSS
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
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

TABLE 4

WELL_ID	INTEGRITY	INT DATE	CASING TYPE	BOTTOM CASING DEPTH	LOWER PACKER DEPTH	INITIAL PRESSURE	FINAL PRESSURE	PRESSURE LOSS	PERCENT LOSS
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
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

TABLE 4

WELL_ID	INTEGRITY	INT DATE	CASING TYPE	BOTTOM CASING DEPTH	LOWER PACKER DEPTH	INITIAL PRESSURE	FINAL PRESSURE	PRESSURE LOSS	PERCENT LOSS
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
6AF42-1	P	9/10/2009	PVC	495	490	168	160	8	5
6AF44-1	P	9/10/2009	PVC	485	480	168	164	4	2
6AF50-1	F	9/10/2009	PVC	475	470				
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

TABLE 4

WELL_ID	INTEGRITY	INT DATE	CASING TYPE	BOTTOM CASING DEPTH	LOWER PACKER DEPTH	INITIAL PRESSURE	FINAL PRESSURE	PRESSURE LOSS	PERCENT LOSS
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
6AH38-1	P	9/30/2009	PVC	475	470	168	160	8	5
6AI37-1	F	9/30/2009	PVC	475	470	168			
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
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

TABLE 4

WELL_ID	INTEGRITY	INT DATE	CASING TYPE	BOTTOM CASING DEPTH	LOWER PACKER DEPTH	INITIAL PRESSURE	FINAL PRESSURE	PRESSURE LOSS	PERCENT LOSS
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
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
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
6AM43-3	F	10/28/2009	PVC	374	360	168			
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
6AM43-3	F	10/28/2009	PVC	374	360	168			
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

TABLE 4

WELL_ID	INTEGRITY	INT DATE	CASING TYPE	BOTTOM CASING DEPTH	LOWER PACKER DEPTH	INITIAL PRESSURE	FINAL PRESSURE	PRESSURE LOSS	PERCENT LOSS
6AM43-2	P	10/29/2009	PVC	480	470	168	162	6	4
6AK45-1	P	11/2/2009	PVC	455	450	168	164	4	2
6AK45-3	F	11/2/2009	PVC	355	350	168			
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
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

TABLE 4

WELL_ID	INTEGRITY	INT DATE	CASING TYPE	BOTTOM CASING DEPTH	LOWER PACKER DEPTH	INITIAL PRESSURE	FINAL PRESSURE	PRESSURE LOSS	PERCENT LOSS
6AE67-3	P	11/11/2009	PVC	325	320	168	160	8	5
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
6AJ63-3	F	11/12/2009	PVC	346	340	168			
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
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

TABLE 4

WELL_ID	INTEGRITY	INT DATE	CASING TYPE	BOTTOM CASING DEPTH	LOWER PACKER DEPTH	INITIAL PRESSURE	FINAL PRESSURE	PRESSURE LOSS	PERCENT LOSS
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
6AL48-1	P	12/1/2009	PVC	460	450	168	162	6	4
6AM47-3	F	12/1/2009	PVC	368	360	168			
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
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

TABLE 4

WELL_ID	INTEGRITY	INT DATE	CASING TYPE	BOTTOM CASING DEPTH	LOWER PACKER DEPTH	INITIAL PRESSURE	FINAL PRESSURE	PRESSURE LOSS	PERCENT LOSS
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
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

TABLE 4

WELL_ID	INTEGRITY	INT DATE	CASING TYPE	BOTTOM CASING DEPTH	LOWER PACKER DEPTH	INITIAL PRESSURE	FINAL PRESSURE	PRESSURE LOSS	PERCENT LOSS
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
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
6AD63-3	F	12/29/2009	PVC	370	360	168			
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

Table 5
Cogema Mining, Inc. Irigaray and Christensen Projects
2009 Annual Effluent Report
Sample Type: Environmental Radon Gas

Location IRIGARAY PROJECT	1st Quarter 2009 uCi/ml	2nd Quarter 2009 uCi/ml	3rd Quarter 2009 uCi/ml	4th Quarter 2009 uCi/ml	Location Average 2009 uCi/ml	% of Pt. 20, App. B Effluent Conc. Limit 1 E-8 uCi/ml
IR-1 (Downwind of Restricted Area)	4.0E-10 ± .04	8.0E-10 ± .07	7.0E-10 ± .06	7.0E-10 ± .05	6.5 E-10	6.50 %
IR-3 (upwind of Restricted Area)	6.0E-10 ± .05	8.0E-10 ±.06	1.0E-9 ± .07	7.0E-10 ± .05	7.75 E-10	7.8 %
IR-4 (North Road)	5.0E-10 ± .04	1.0E-9 ±.07	1.6E-9 ± .09	2.4E-9 ± .11	1.37 E-9	13.7 %
IR-5 (Irigaray Ranch – nearest resident)	2.0E-10 ± .02	6.0E-10 ± .05	* NA	6.0E-10 ± .05	4.66 E-10	4.7 %
IR-6 (Ridge Road S.E.- Background)	4.0E-10 ± .04	9.0E-10 ± .07	1.4E-9 ± .08	7.0E-10 ± .05	8.5 E-10	8.5 %
IR-13 (Employee House Trailer)	5.0E-10 ± .04	1.0E-9 ± .07	1.0E-9 ± .07	1.1E-9 ± .07	9.0 E-10	9.0 %
CHRISTENSEN PROJECT						
AS-1 (Table Mountain-Background)	5.0E-10 ± .04	1.10E-9 ± .08	1.2E-9 ± .08	1.0E-9 ± .07	9.5 E-10	9.5 %
AS-5A (CR Plant Upwind S.E.)	5.0E-10 ± .04	7.0E-10 ± .06	1.4E-9 ± .09	6.0E-10 ± .05	8.0 E-10	8.0 %
AS-5B (CR Plant Downwind N.W.)	5.0E-10 ± .04	7.0E-10 ± .06	1.1E-9 ± .07	6.0E-10 ± .05	7.25 E-10	7.3 %
AS-6 (Christensen Ranch- nearest resident)	3.0E-10 ± .03	8.0E-10 ± .07	1.4E-9 ± .08	7.0E-10 ± .05	8.0 E-10	8.0 %

Quarterly Average 4.4E-10 8.4E-10 1.2E-9 9.1E-10
*Sample voided the detector had fallen on the ground
LLD= 0.3 pCi/l

Table 6
COGEMA Mining, Inc Irigaray and Christensen Projects
2009 Annual Effluent Report
Sample Type: Environmental Gamma Radiation

Location	1st Quarter mrem/quarter	2nd Quarter mrem/quarter	3rd Quarter mrem/quarter	4th Quarter mrem/quarter	Location Average mrem/quarter
IRIGARAY PROJECT					
IR-1 (Downwind of Restricted Area)	34.4	41.5	35.9	38	37.5
IR-3 (Upwind of Restricted Area)	42.6	49.5	54.4	50.7	49.3
IR-4 (North Road)	31	38.6	37.8	35.6	35.8
IR-5 (Irigaray Ranch-nearest resident)	30.1	31.6	33.7	32.3	32
IR-6 (Ridge Road S.E. - Background)	33	39.1	39.1	35.2	37
IR-13 (Employee House Trailer)	31.8	37.5	34.8	41.2	36.3
CHRISTENSEN PROJECT					
AS-1 (Table Mountain - Background)	29.6	35.9	36.5	37	35
AS-5A(CR Plant Upwind S.E.)	31.2	32.4	37	37	34.4
AS-5B (CR Plant Downwind N.W.)	30.8	36	36.4	37.3	35.1
AS-6 (Christensen Ranch - nearest resid.)	36	43.2	43	39.1	40.3
Quarterly Average	33.05	38.5	38.9	38.3	

Table 7

COGEMA Mining, Inc - Irigaray and Christensen Ranch Projects
2009 Annual Effluent Report
Summary of Daily Walk-through Inspection of Radiation Control Practices being implemented appropiately

Irigaray Site				Christensen Site			
Date: Week	YES	NO	COMMENTS	Date: Week	YES	NO	COMMENTS
12/28/2008	X		No Personnel on site January 1st&2nd/09	12/28/2008	X		No Personnel on site January 1st&2nd/09
1/4/2009	X			1/4/2009	X		
1/11/2009	X			1/11/2009	X		
1/18/2009	X			1/18/2009	X		
1/25/2009	X			1/25/2009	X		
2/1/2009	X			2/1/2009	X		
2/8/2009	X			2/8/2009	X		
2/15/2009	X		No Personnel on site February 5th /09	2/15/2009	X		No Personnel on site February 5th /09
2/22/2009	X			2/22/2009	X		
3/1/2009	X			3/1/2009	X		
3/8/2009	X			3/8/2009	X		
3/15/2009	X			3/15/2009	X		
3/22/2009	X			3/22/2009	X		
3/29/2009	X			3/29/2009	X		
4/5/2009	X			4/5/2009	X		
4/12/2009	X			4/12/2009	X		
4/19/2009	X			4/19/2009	X		
4/26/2009	X			4/26/2009	X		
5/3/2009	X			5/3/2009	X		
5/10/2009	X			5/10/2009	X		
5/17/2009	X			5/17/2009	X		
5/24/2009	X		No Personnel on site May 25th /09	5/24/2009	X		No Personnel on site May 25th /09
5/31/2009	X			5/31/2009	X		
6/7/2009	X			6/7/2009	X		
6/14/2009	X			6/14/2009	X		
6/21/2009	X			6/21/2009	X		
6/28/2009	X		No Personnel on site July 2nd&3rd /09	6/28/2009	X		No Personnel on site July 2nd&3rd /09
7/5/2009	X			7/5/2009	X		

Table 7

COGEMA Mining, Inc - Irigaray and Christensen Ranch Projects
2009 Annual Effluent Report
Summary of Daily Walk-through Inspection of Radiation Control Practices being implemented appropiately

Irigaray Site				Christensen Site			
Date: Week	YES	NO	COMMENTS	Date: Week	YES	NO	COMMENTS
7/12/2009	X			7/12/2009	X		
7/19/2009	X			7/19/2009	X		
7/26/2009	X			7/26/2009	X		
8/2/2009	X			8/2/2009	X		
8/9/2009	X			8/9/2009	X		
8/16/2009	X			8/16/2009	X		
8/23/2009	X			8/23/2009	X		
8/30/2009	X			8/30/2009	X		
9/6/2009	X		No Personnel on site September 7th /09	9/6/2009	X		No Personnel on site September 7th /09
9/13/2009	X			9/13/2009	X		
9/20/2009	X			9/20/2009	X		
9/27/2009	X			9/27/2009	X		
10/4/2009	X			10/4/2009	X		
10/11/2009	X			10/11/2009	X		
10/18/2009	X			10/18/2009	X		
10/25/2009	X			10/25/2009	X		
11/1/2009	X			11/1/2009	X		
11/8/2009	X			11/8/2009	X		
11/15/2009	X			11/15/2009	X		
11/22/2009	X		No Personnel on site November 26,27/09	11/22/2009	X		No Personnel on site November 26,27/09
11/29/2009	X			11/29/2009	X		
12/6/2009	X			12/6/2009	X		
12/13/2009	X			12/13/2009	X		
12/20/2009	X		No Personnel on site December 24,25/09	12/20/2009	X		No Personnel on site December 24,25/09
12/27/2009	X		No Personnel on site January 1st /10	12/27/2009	X		No Personnel on site January 1st /10

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

WELL I.D.	LOCATION	Page #
MW90	Mine Unit 2	17
MW101	Mine Unit 2	17
MW102	Mine Unit 2	17
MW103	Mine Unit 2	18
MW104	Mine Unit 2	18
MW105	Mine Unit 2	18
MW106	Mine Unit 2	19
MW107	Mine Unit 2	19
MW108	Mine Unit 2	19
MW109	Mine Unit 2	20
MW110	Mine Unit 2	20
MW111	Mine Unit 2	20
MW114	Mine Unit 3	21
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

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

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		92
M-220		93
M-221		93
M-1		93
NM-3		94
M-4		94
SM-1		94

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				1/1/2009 to 12/31/2009
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	13.4	777	129.7			
Date						
01/06/2009	11.1	674	101.7	8.3		4573.4
04/21/2009	9.7	673	91.9	8.5		4574.0
07/21/2009	9.5	663	92.4	8.6		4573.4
10/06/2009	10.2	663	93.3	8.4		4575.4

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW18		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	13.4	777	129.7			
Date						
01/07/2009	9.6	672	96.4	8.4		4571.5
04/21/2009	9.3	667	92.0	8.3		4571.3
07/21/2009	9.8	667	97.5	8.3		4569.4
10/12/2009	9.3	675	91.0	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. MW19		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	13.4	777	129.7			
Date						
01/06/2009	10.1	674	99.6	8.0		4570.4
04/22/2009	10.0	668	98.3	8.1		4570.4
07/20/2009	9.2	677	99.6	8.2		4569.6
10/06/2009	9.9	687	101.1	8.1		4571.7

*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				1/1/2009 to 12/31/2009
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	13.4	777	129.7			
Date						
01/07/2009	9.6	667	99.4	8.2		4569.2
04/21/2009	9.2	667	92.2	8.2		4569.2
07/21/2009	9.2	667	93.1	8.2		4567.3
10/12/2009	9.5	667	93.4	8.4		4568.5

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW23		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	13.4	777	129.7			
Date						
01/07/2009	10.7	658	97.4	8.3		4564.0
04/21/2009	9.5	661	90.6	8.4		4563.8
07/21/2009	9.4	662	92.3	8.4		4563.5
10/06/2009	9.8	664	91.1	8.3		4565.7

*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				1/1/2009 to 12/31/2009
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	13.4	777	129.7			
Date						
01/07/2009	10.5	661	97.2	8.3		4563.9
04/21/2009	9.5	660	90.8	8.4		4563.5
07/21/2009	10.3	661	91.9	8.3		4563.0
10/12/2009	10.5	661	91.9	8.4		4563.0

*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				1/1/2009 to 12/31/2009
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	13.4	777	129.7			
Date						
01/07/2009	9.8	661	83.5	8.2		4564.4
04/21/2009	9.7	661	90.9	8.2		4564.4
07/21/2009	10.1	660	95.0	8.2		4562.8
10/12/2009	9.5	659	89.2	8.3		4562.8

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW26		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	13.4	777	129.7			
Date						
01/07/2009	10.7	658	97.1	8.1		4565.7
04/21/2009	9.7	660	89.7	8.2		4565.4
07/21/2009	10.2	659	90.8	8.2		4564.0
10/12/2009	10.5	659	92.5	8.2		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. MW27		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	13.4	777	129.7			
Date						
01/07/2009	11.0	673	98.4	8.1		4557.0
04/21/2009	11.1	676	95.6	8.3		4557.9
07/21/2009	11.4	678	97.3	8.3		4558.1
10/12/2009	10.7	678	92.0	8.3		4558.1

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW28		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	13.4	777	129.7			
Date						
01/06/2009	9.9	710	95.4	8.1		4572.8
04/22/2009	10.1	713	94.2	8.2		4572.3
07/21/2009	10.6	714	94.9	8.1		4570.1
10/06/2009	11.5	704	93.3	8.0		4575.2

*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				1/1/2009 to 12/31/2009
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	13.4	777	129.7			
Date						
01/06/2009	9.6	664	94.4	8.2		4576.2
04/22/2009	9.6	662	93.0	8.2		4575.8
07/21/2009	9.6	662	94.8	8.2		4573.5
10/06/2009	9.8	660	92.5	8.2		4573.9

*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				1/1/2009 to 12/31/2009
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	13.4	777	129.7			
Date						
01/06/2009	9.2	671	97.2	8.1		4567.9
04/22/2009	9.3	671	96.9	8.2		4565.8
07/21/2009	10.5	669	98.8	8.1		4574.0
10/06/2009	9.8	670	96.6	8.2		4578.4

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW31		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	13.4	777	129.7			
Date						
01/06/2009	9.2	670	98.1	8.1		4575.0
04/22/2009	9.1	671	96.4	8.2		4573.1
07/21/2009	9.4	669	96.7	8.2		4575.4
10/06/2009	9.3	668	94.7	8.2		4574.1

*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				1/1/2009 to 12/31/2009
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	13.4	777	129.7			
Date						
01/05/2009	9.3	674	106.0	8.3		4582.8
04/20/2009	11.5	676	105.0	8.2		4582.6
07/20/2009	10.4	668	102.3	8.2		4584.8
10/05/2009	11.1	678	106.5	8.1		4584.4

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW35		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	13.4	777	129.7			
Date						
01/06/2009	11.0	680	126.3	7.9		4578.6
04/21/2009	13.4	769	130.1 *	8.0		4579.3
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

*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				1/1/2009 to 12/31/2009
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	13.4	777	129.7			
Date						
01/06/2009	9.2	669	99.6	8.2		4582.9
04/21/2009	9.0	669	98.4	8.2		4583.1
07/21/2009	9.2	670	97.5	8.2		4581.1
10/06/2009	9.5	672	96.5	8.1		4579.1

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW37		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	13.4	777	129.7			
Date						
01/06/2009	9.4	670	102.9	8.2		4576.1
04/21/2009	9.7	670	103.3	8.2		4576.3
07/21/2009	9.7	669	99.0	8.2		4575.2
10/06/2009	9.5	670	95.1	8.2		4577.9

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW38		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	13.4	777	129.7			
Date						
01/06/2009	9.7	668	99.5	8.3		4575.2
04/21/2009	9.5	666	98.0	8.3		4575.1
07/20/2009	9.7	666	94.9	8.4		4576.2
10/06/2009	9.7	669	95.7	8.3		4577.1

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW39		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	13.4	777	129.7			
Date						
01/06/2009	10.3	666	102.6	8.2		4575.5
04/21/2009	10.7	667	101.3	8.3		4574.9
07/21/2009	10.8	670	100.0	8.4		4571.7
10/06/2009	10.1	661	96.1	8.3		4577.1

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW40		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	13.4	777	129.7			
Date						
01/06/2009	9.4	668	96.8	8.2		4575.8
04/21/2009	9.2	669	95.4	8.2		4575.0
07/21/2009	9.6	670	95.6	8.2		4573.5
10/06/2009	9.5	670	94.1	8.2		4577.8

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW41		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	13.4	777	129.7			
Date						
01/05/2009	9.7	676	109.5	8.2		4585.6
04/20/2009	9.6	674	106.4	8.2		4585.4
07/20/2009	9.8	675	99.2	8.2		4587.2
10/06/2009	10.3	675	100.1	8.1		4587.1

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW42		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	13.4	777	129.7			
Date						
01/05/2009	9.7	666	99.6	8.3		4586.8
04/20/2009	10.3	664	98.9	8.1		4587.1
07/20/2009	9.8	667	94.6	8.4		4589.7
10/05/2009	9.5	659	94.6	8.2		4588.1

*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				1/1/2009 to 12/31/2009
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	13.4	777	129.7			
Date						
01/05/2009	8.5	665	96.7	8.3		4590.3
04/20/2009	9.2	663	94.0	8.1		4589.8
07/21/2009	8.9	664	96.3	8.3		4591.1
10/05/2009	9.3	662	99.3	8.2		4590.0

*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				1/1/2009 to 12/31/2009
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	13.4	777	129.7			
Date						
01/05/2009	9.5	667	95.2	8.2		4576.2
04/20/2009	9.9	668	93.3	8.0		4577.1
07/20/2009	9.4	665	90.6	8.2		4578.3
10/05/2009	9.3	664	94.3	8.1		4577.4

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW45		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	13.4	777	129.7			
Date						
01/05/2009	9.7	671	95.8	8.3		4578.1
04/21/2009	9.7	668	96.4	8.2		4578.6
07/21/2009	9.7	669	94.5	8.3		4578.5
10/06/2009	10.1	676	94.1	8.2		4579.1

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW62		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	13.4	777	129.7			
Date						
01/06/2009	9.2	664	99.9	8.6		4583.0
04/20/2009	9.5	664	90.8	8.6		4584.4
07/20/2009	9.0	665	90.6	8.7		4575.9
10/06/2009	9.3	664	89.9	8.6		4584.1

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW63		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	13.4	777	129.7			
Date						
01/06/2009	8.9	665	97.5	8.5		4584.4
04/20/2009	9.5	665	92.9	8.5		4586.1
07/20/2009	8.8	666	90.4	8.6		4579.9
10/06/2009	9.0	662	88.2	8.4		4586.4

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW64		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	13.4	777	129.7			
Date						
01/06/2009	8.8	669	96.3	8.0		4588.4
04/20/2009	9.0	671	95.1	8.1		4590.1
07/20/2009	8.8	671	95.9	8.1		4588.1
10/06/2009	9.4	669	98.0	7.7		4589.8

*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				1/1/2009 to 12/31/2009
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	13.6	823	121.3			
Date						
03/02/2009	10.5	664	96.6	8.6		4578.1
06/22/2009	10.8	662	90.1	8.6		4576.8
09/14/2009	9.9	669	96.7	8.7		4581.0
12/16/2009	9.4	666	93.9	8.6		4581.6

*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				1/1/2009 to 12/31/2009
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	13.6	823	121.3			
Date						
03/02/2009	9.8	668	99.7	8.8		4578.6
06/16/2009	9.1	673	94.0	8.4		4574.3
09/14/2009	9.4	666	93.2	8.9		4581.0
12/15/2009	9.6	670	98.3	8.7		4582.1

*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				1/1/2009 to 12/31/2009
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	13.6	823	121.3			
Date						
03/02/2009	10.7	680	98.9	8.4		4577.1
06/22/2009	9.7	671	100.1	8.3		4574.7
09/14/2009	9.1	674	93.7	8.5		4579.8
12/08/2009	9.1	675	100.3	8.4		4581.3

*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				1/1/2009 to 12/31/2009
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	13.6	823	121.3			
Date						
03/02/2009	9.5	722	92.2	8.3		4578.0
06/23/2009	9.2	720	89.2	8.3		4576.8
09/14/2009	8.4	723	93.4	8.3		4577.7
12/08/2009	8.5	722	96.1	8.3		4581.2

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW77		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	13.6	823	121.3			
Date						
03/02/2009	9.9	734	96.7	8.2		4577.0
06/16/2009	8.9	735	91.9	8.2		4576.2
09/14/2009	8.8	736	96.2	8.3		4578.8
12/08/2009	9.0	734	96.6	8.2		4581.2

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW78		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	13.6	823	121.3			
Date						
03/02/2009	8.9	707	96.4	8.3		4572.5
06/17/2009	8.4	715	91.3	8.3		4571.9
09/14/2009	8.8	709	94.4	8.3		4574.1
12/08/2009	9.1	709	93.8	8.2		4576.4

*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				1/1/2009 to 12/31/2009
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	13.6	823	121.3			
Date						
03/02/2009	8.4	716	94.6	8.2		4570.4
06/16/2009	8.5	716	95.6	8.2		4568.8
09/14/2009	8.5	717	93.7	8.3		4572.0
12/08/2009	8.0	717	90.0	8.1		4573.6

*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				1/1/2009 to 12/31/2009
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	13.6	823	121.3			
Date						
03/02/2009	9.3	680	96.3	8.2		4566.8
06/16/2009	9.1	680	93.6	8.2		4566.7
09/14/2009	9.3	682	95.2	8.3		4568.3
12/08/2009	9.2	683	92.8	8.2		4569.5

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 2 Well I.D. MW81		CHRISTENSEN RANCH PERIMETER ORE ZONE MONITOR WELL				For time period 1/1/2009 to 12/31/2009
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	13.6	823	121.3			
Date						
03/02/2009	9.3	672	94.8	8.3		4565.3
06/16/2009	9.2	673	93.0	8.3		4564.7
09/14/2009	9.3	673	93.8	8.3		4566.6
12/08/2009	9.5	674	93.8	8.2		4568.1

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 2 Well I.D. MW82		CHRISTENSEN RANCH PERIMETER ORE ZONE MONITOR WELL				For time period 1/1/2009 to 12/31/2009
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	13.6	823	121.3			
Date						
03/02/2009	10.1	655	93.7	8.3		4558.6
06/16/2009	9.7	656	91.7	8.2		4560.1
09/14/2009	9.8	656	90.9	8.2		4559.9
12/15/2009	9.7	653	92.3	8.3		4560.0

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 2 Well I.D. MW83		CHRISTENSEN RANCH PERIMETER ORE ZONE MONITOR WELL				For time period 1/1/2009 to 12/31/2009
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	13.6	823	121.3			
Date						
03/02/2009	9.7	660	93.9	8.4		4559.8
06/16/2009	10.0	662	95.1	8.3		4560.4
09/14/2009	9.6	662	91.5	8.4		4561.8
12/15/2009	9.4	662	93.1	8.3		4563.0

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 2 Well I.D. MW84		CHRISTENSEN RANCH PERIMETER ORE ZONE MONITOR WELL				For time period 1/1/2009 to 12/31/2009
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	13.6	823	121.3			
Date						
03/02/2009	12.0	680	105.2	8.3		4560.2
06/16/2009	11.3	688	110.9	8.2		4560.5
09/15/2009	11.0	696	108.0	8.3		4561.1
12/15/2009	12.0	700	115.2	8.3		4562.4

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 2 Well I.D. MW85		CHRISTENSEN RANCH PERIMETER ORE ZONE MONITOR WELL				For time period 1/1/2009 to 12/31/2009
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	13.6	823	121.3			
Date						
03/02/2009	10.3	657	96.3	8.3		4559.6
06/16/2009	10.2	658	93.8	8.2		4560.6
09/15/2009	9.8	659	92.0	8.3		4561.2
12/15/2009	9.5	657	91.0	8.3		4561.6

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 2 Well I.D. MW86		CHRISTENSEN RANCH PERIMETER ORE ZONE MONITOR WELL				For time period 1/1/2009 to 12/31/2009
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	13.6	823	121.3			
Date						
03/02/2009	10.0	663	98.1	8.2		4559.6
06/23/2009	9.8	664	96.0	8.2		4560.3
09/15/2009	9.8	664	95.4	8.2		4560.4
12/15/2009	9.6	662	94.4	8.1		4560.1

*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				1/1/2009 to 12/31/2009
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	13.6	823	121.3			
Date						
03/02/2009	9.6	664	96.6	8.1		4557.1
06/16/2009	10.4	665	100.6	8.1		4557.3
09/15/2009	9.9	665	94.6	8.3		4556.8
12/16/2009	9.7	661	94.1	8.2		4556.8

*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				1/1/2009 to 12/31/2009
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	13.6	823	121.3			
Date						
04/30/2009	9.8	646	91.6	8.2		4568.0
06/23/2009	9.8	650	94.4	8.2		4568.8
09/15/2009	9.8	666	97.0	8.2		4569.6
12/15/2009	9.5	662	96.0	8.2		4570.5

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 2		CHRISTENSEN RANCH			For time period
Well I.D. MW89		PERIMETER ORE ZONE MONITOR WELL			1/1/2009 to 12/31/2009
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	13.6	823	121.3			
Date						
03/09/2009	15.8 *	787	136 *	8.0		4571.9
03/11/2009	15.2 *	777	140.5 *	8.1		4571.9
03/17/2009	15.4 *	769	142.2 *	8.3		4571.9
03/26/2009	16.1 *	786	147.6 *	8.1		4571.9
03/31/2009	15.5 *	782	142 *	8.0		4571.9
04/08/2009	16.1 *	793	145.6 *	8.1		4571.9
04/15/2009	16.2 *	783	140.5 *	7.7		4567.9
04/22/2009	15.5 *	781	141.4 *	8.0		4565.3
04/29/2009	15.8 *	773	146.3 *	7.6		4564.6
05/06/2009	15.9 *	769	139 *	7.5		4563.9
05/14/2009	15.4 *	763	135.6 *	7.8		4563.8
05/20/2009	15.4 *	758	131.4 *	7.7		4563.7
05/27/2009	15.5 *	753	130.1 *	7.6		4563.7
06/03/2009	14.2 *	751	131.4 *	8.0		4563.7
06/10/2009	13.9 *	751	126.5 *	8.1		4563.7
06/17/2009	14.2 *	752	129.6 *	8.0		4569.2
06/25/2009	14.4 *	745	126.9 *	8.0		4564.5
07/01/2009	14.4 *	744	122.1 *	8.0		4564.5
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

*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				1/1/2009 to 12/31/2009
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	13.6	823	121.3			
Date						
03/02/2009	9.1	686	94.3	8.2		4562.9
06/16/2009	9.1	682	94.6	8.2		4564.3
09/15/2009	9.3	683	97.1	8.3		4564.1
12/08/2009	9.6	684	96.8	8.2		4565.5

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW101		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	11.6	778	124.6			
Date						
03/02/2009	9.4	671	91.9	8.2		4561.3
06/17/2009	9.7	667	95.5	8.2		4560.6
09/15/2009	9.2	669	90.7	8.3		4562.3
12/08/2009	9.6	667	92.1	8.2		4564.3

*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				1/1/2009 to 12/31/2009
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elévation
Units	mg/l	µ mho/cm	mg/l as $CaCO_3$		mg/l	msl
Upper Control Limit	11.6	778	124.6			
Date						
03/02/2009	9.3	672	91.8	8.2		4557.8
06/17/2009	9.5	673	94.8	8.2		4557.2
09/15/2009	9.5	672	91.6	8.4		4558.4
12/08/2009	9.5	672	90.0	8.2		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. MW103		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	11.6	778	124.6			
Date						
03/02/2009	9.3	665	90.4	8.3		4557.4
06/17/2009	9.8	664	95.0	8.3		4557.1
09/14/2009	9.2	679	90.1	8.5		4553.1
12/08/2009	9.8	664	92.0	8.3		4552.9

*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				1/1/2009 to 12/31/2009
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	11.6	778	124.6			
Date						
03/09/2009	9.9	706	89.6	8.4		4553.2
06/17/2009	8.6	698	90.2	8.3		4558.4
09/14/2009	8.6	703	89.8	8.5		4554.4
12/15/2009	8.6	702	92.3	8.2		4554.6

*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				1/1/2009 to 12/31/2009
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	11.6	778	124.6			
Date						
03/09/2009	9.6	683	90.1	8.2		4550.2
06/17/2009	8.9	683	90.9	8.2		4552.2
09/15/2009	9.5	683	95.8	8.3		4551.1
12/16/2009	9.1	681	92.5	8.3		4553.5

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW106		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	11.6	778	124.6			
Date						
03/09/2009	9.6	676	89.1	8.2		4550.0
06/17/2009	9.2	675	91.3	8.1		4551.1
09/15/2009	9.6	676	94.6	8.3		4550.8
12/16/2009	9.4	676	91.5	8.2		4552.9

*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				1/1/2009 to 12/31/2009
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	11.6	778	124.6			
Date						
03/09/2009	9.9	672	89.5	8.2		4551.7
06/17/2009	9.1	674	90.3	8.1		4551.2
09/15/2009	9.3	674	90.5	8.3		4552.7
12/16/2009	9.6	675	93.2	8.3		4553.3

*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				1/1/2009 to 12/31/2009
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	11.6	778	124.6			
Date						
03/02/2009	10.4	690	110.3	8.3		4550.6
06/22/2009	10.0	686	106.1	8.3		4551.9
09/14/2009	10.1	697	110.4	8.3		4551.8
12/08/2009	10.7	701	115.4	8.2		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				1/1/2009 to 12/31/2009
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	11.6	778	124.6			
Date						
03/02/2009	10.1	684	88.1	8.3		4550.9
06/22/2009	9.6	679	86.8	8.4		4550.8
09/14/2009	9.7	678	86.6	8.3		4552.9
12/08/2009	10.0	676	87.9	8.2		4553.1

*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				1/1/2009 to 12/31/2009
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	11.6	778	124.6			
Date						
03/02/2009	10.5	660	93.8	8.4		4553.0
06/17/2009	9.5	661	91.6	8.3		4554.1
09/14/2009	9.3	663	89.1	8.4		4553.7
12/08/2009	9.8	664	92.1	8.3		4555.6

*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				1/1/2009 to 12/31/2009
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	11.6	778	124.6			
Date						
03/02/2009	9.8	655	90.2	8.3		4555.1
06/17/2009	9.4	657	89.4	8.3		4556.0
09/14/2009	9.7	653	88.2	8.4		4556.2
12/15/2009	10.0	654	90.3	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. MW114		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	13.4	777	129.7			
Date						
01/07/2009	9.5	672	102.3	8.1		4567.1
04/21/2009	9.4	671	92.8	8.1		4567.4
07/21/2009	9.6	668	92.9	8.0		4567.0
10/12/2009	10.7	670	93.4	8.2		4567.0

*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				1/1/2009 to 12/31/2009
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	13.4	777	129.7			
Date						
01/07/2009	10.1	670	99.6	8.2		4564.7
04/21/2009	9.2	670	96.0	8.2		4564.9
07/21/2009	9.3	670	96.8	8.1		4564.5
10/12/2009	9.4	674	95.1	8.2		4564.5

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW116		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	13.4	777	129.7			
Date						
01/07/2009	9.4	668	97.2	8.2		4563.8
04/21/2009	9.2	667	94.3	8.3		4564.2
07/27/2009	8.9	668	90.8	8.2		4563.7
10/06/2009	9.9	674	94.1	8.1		4565.7

*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-1	PERIMETER ORE ZONE MONITOR WELL	1/1/2009 to 12/31/2009

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	11.1	825	116.9			
Date						
03/09/2009	30.8 *	810	119.2 *	8.2		4586.8
03/11/2009	23.3 *	751	108.6	8.3		4586.8
03/11/2009	23.6 *	758	110.0	8.3		4586.8
06/01/2009	37.6 *	880 *	134.9 *	8.0		4589.0
06/03/2009	25.9 *	769	114.1	8.0		4589.0
06/03/2009	25.5 *	768	114.0	8.0		4589.0
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

*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	1/1/2009 to 12/31/2009

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	11.1	825	116.9			
Date						
03/09/2009	8.9	664	94.7	8.4		4589.3
06/01/2009	8.7	666	94.5	8.3		4592.8
09/01/2009	9.2	661	95.7	8.4		4594.1
12/01/2009	8.9	663	89.2	8.4		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-3		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	11.1	825	116.9			
Date						
03/09/2009	13.3 *	675	92.0	8.5		4587.3
06/01/2009	12.4 *	676	90.2	8.5		4589.2
09/14/2009	12.4 *	676	91.0	8.6		4590.9
12/01/2009	17 *	691	91.5	8.5		4591.4

*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-4		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	11.1	825	116.9			
Date						
03/09/2009	8.8	673	100.2	8.3		4592.0
06/01/2009	8.5	676	98.1	8.3		4596.1
09/01/2009	8.8	676	100.9	8.4		4597.4
12/01/2009	8.7	670	94.6	8.3		4598.1

*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-5		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	11.1	825	116.9			
Date						
03/09/2009	9.7	667	92.7	8.2		4587.4
06/01/2009	8.8	668	93.9	8.4		4589.4
09/01/2009	9.1	670	93.9	8.5		4590.9
12/01/2009	9.2	667	93.0	8.5		4592.1

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 4 Well I.D. 4MW-6		CHRISTENSEN RANCH PERIMETER ORE ZONE MONITOR WELL				For time period 1/1/2009 to 12/31/2009
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	11.1	825	116.9			
Date						
03/09/2009	8.6	669	95.4	8.4		4594.5
06/01/2009	8.5	669	96.6	8.4		4598.3
09/01/2009	8.6	669	95.9	8.5		4599.7
12/01/2009	8.9	671	95.4	8.5		4600.1

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 4 Well I.D. 4MW-7		CHRISTENSEN RANCH PERIMETER ORE ZONE MONITOR WELL				For time period 1/1/2009 to 12/31/2009
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	11.1	825	116.9			
Date						
03/09/2009	9.4	661	88.5	8.5		4590.6
06/01/2009	8.6	661	90.0	8.6		4593.2
09/01/2009	9.4	667	94.8	8.6		4594.4
12/01/2009	9.1	665	90.2	8.6		4595.3

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 4 Well I.D. 4MW-8		CHRISTENSEN RANCH PERIMETER ORE ZONE MONITOR WELL				For time period 1/1/2009 to 12/31/2009
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	11.1	825	116.9			
Date						
03/09/2009	9.1	672	96.5	8.1		4594.3
06/01/2009	8.5	673	98.3	8.3		4597.8
09/01/2009	8.9	668	99.6	8.4		4599.1
12/01/2009	8.9	673	96.5	8.4		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-9		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	11.1	825	116.9			
Date						
03/09/2009	9.5	667	91.4	8.0		4591.4
06/01/2009	9.1	668	93.0	8.1		4593.7
09/01/2009	8.7	669	93.5	8.4		4595.1
12/01/2009	8.8	668	91.8	8.4		4596.1

*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-10		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	11.1	825	116.9			
Date						
03/09/2009	9.2	669	94.0	8.2		4594.6
06/01/2009	8.7	669	94.5	8.3		4598.7
09/01/2009	9.3	670	100.4	8.4		4600.3
12/01/2009	9.5	670	97.8	8.4		4600.9

*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-11		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	11.1	825	116.9			
Date						
03/09/2009	9.5	662	94.5	8.3		4592.7
06/01/2009	8.8	662	90.2	8.4		4595.0
09/01/2009	9.0	664	90.9	8.5		4596.4
12/01/2009	9.2	663	89.9	8.5		4597.2

*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					1/1/2009 to 12/31/2009
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	11.1	825	116.9			
Date						
03/09/2009	9.7	670	95.0	8.4		4597.2
06/01/2009	9.2	671	95.7	8.6		4601.0
09/01/2009	9.1	670	95.1	8.7		4602.4
12/01/2009	9.2	668	93.5	8.7		4603.5

*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-13	PERIMETER ORE ZONE MONITOR WELL					1/1/2009 to 12/31/2009
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	11.1	825	116.9			
Date						
03/09/2009	9.5	666	91.0	8.1		4595.1
06/01/2009	8.8	665	89.7	8.2		4597.4
09/01/2009	9.0	665	91.0	8.4		4598.7
12/01/2009	9.2	665	89.9	8.4		4599.5

*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-14	PERIMETER ORE ZONE MONITOR WELL					1/1/2009 to 12/31/2009
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	11.1	825	116.9			
Date						
03/09/2009	9.8	669	102.8	8.1		4599.6
06/01/2009	8.7	669	97.5	8.2		4602.9
09/01/2009	8.8	671	98.5	8.3		4604.3
12/01/2009	9.3	672	97.7	8.3		4605.2

*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				1/1/2009 to 12/31/2009
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	11.1	825	116.9			
Date						
03/09/2009	9.8	686	101.8	8.1		4594.2
06/01/2009	9.1	687	103.0	8.3		4597.0
09/01/2009	9.4	683	102.0	8.4		4597.8
12/01/2009	9.3	683	97.9	8.4		4598.9

*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-16		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	11.1	825	116.9			
Date						
03/09/2009	8.7	666	96.7	8.0		4600.1
06/01/2009	8.2	663	97.8	8.1		4603.9
09/01/2009	8.9	669	100.7	8.2		4605.2
12/01/2009	9.0	667	96.4	8.0		4606.2

*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				1/1/2009 to 12/31/2009
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	11.1	825	116.9			
Date						
03/09/2009	9.5	667	95.6	8.2		4595.6
06/01/2009	9.1	672	96.1	8.3		4598.7
09/01/2009	9.2	670	95.8	8.4		4599.3
12/01/2009	9.4	674	95.2	8.4		4600.8

*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-18		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	11.1	825	116.9			
Date						
03/09/2009	9.4	677	96.3	8.1		4601.2
06/01/2009	8.9	677	98.2	8.1		4603.3
09/01/2009	8.9	676	98.1	8.4		4604.8
12/01/2009	9.6	675	99.6	8.3		4605.9

*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-19		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	11.1	825	116.9			
Date						
03/09/2009	9.4	669	92.7	8.0		4596.3
06/01/2009	8.9	670	94.3	8.0		4598.6
09/14/2009	9.9	655	99.7	8.3		4600.7
12/17/2009	9.2	670	95.5	8.0		4601.2

*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				1/1/2009 to 12/31/2009
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	11.1	825	116.9			
Date						
03/09/2009	8.8	673	99.6	8.1		4602.3
06/01/2009	8.3	676	100.1	8.1		4605.6
09/01/2009	8.4	675	98.5	8.4		4607.0
12/01/2009	8.6	677	96.7	8.2		4607.8

*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-21		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	11.1	825	116.9			
Date						
03/09/2009	9.8	665	92.1	8.0		4597.0
06/01/2009	8.9	665	93.1	8.0		4598.9
09/01/2009	9.1	664	93.3	8.3		4600.3
12/01/2009	9.0	663	91.9	8.3		4601.5

*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				1/1/2009 to 12/31/2009
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	11.1	825	116.9			
Date						
03/09/2009	8.9	674	96.1	8.1		4603.0
06/01/2009	8.5	675	96.7	8.0		4605.9
09/01/2009	8.6	674	95.8	8.3		4607.3
12/01/2009	8.6	675	95.4	8.2		4608.2

*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				1/1/2009 to 12/31/2009
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	11.1	825	116.9			
Date						
03/09/2009	8.8	673	96.1	8.3		4599.5
06/01/2009	8.7	673	94.6	8.0		4601.3
09/01/2009	8.8	673	94.9	8.3		4602.5
12/01/2009	9.0	672	94.8	8.2		4603.6

*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				1/1/2009 to 12/31/2009
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	11.1	825	116.9			
Date						
03/09/2009	9.4	669	94.2	8.3		4601.9
06/01/2009	8.5	671	94.3	8.0		4604.5
09/01/2009	8.6	673	93.3	8.4		4605.4
12/01/2009	9.2	672	92.8	8.2		4606.5

*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-25		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	11.1	825	116.9			
Date						
03/09/2009	8.6	675	97.9	8.3		4601.0
06/01/2009	8.7	676	95.4	8.2		4603.2
09/01/2009	8.8	678	95.3	8.3		4604.4
12/01/2009	9.3	678	97.4	8.2		4605.5

*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				1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/13/2009	8.0	766	98.2	8.1		4634.2
04/07/2009	7.9	761	95.0	8.1		4633.7
08/03/2009	8.7	780	90.4	7.9		4639.3
10/19/2009	8.2	771	94.6	8.0		4639.5

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5	CHRISTENSEN RANCH	For time period
Well I.D. 5MW2	PERIMETER ORE ZONE MONITOR WELL	1/1/2009 to 12/31/2009

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	22.7	1004	134.3			
Date						
01/13/2009	11.4	888	101.4	8.1		4628.6
04/07/2009	11.8	885	100.2	8.0		4629.0
08/03/2009	12.7	862	94.9	7.9		4633.8
10/21/2009	11.8	861	93.6	7.8		4635.5

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5	CHRISTENSEN RANCH	For time period
Well I.D. 5MW3	PERIMETER ORE ZONE MONITOR WELL	1/1/2009 to 12/31/2009

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	22.7	1004	134.3			
Date						
01/13/2009	8.0	774	97.9	7.7		4635.2
04/29/2009	8.1	773	96.6	7.6		4634.7
08/03/2009	8.2	771	95.0	7.9		4639.5
10/19/2009	8.1	773	93.9	7.7		4641.6

*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	1/1/2009 to 12/31/2009

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	22.7	1004	134.3			
Date						
01/13/2009	9.5	940	110.4	8.1		4631.4
04/07/2009	9.4	936	113.8	8.1		4631.5
08/03/2009	10.2	927	107.2	8.0		4636.2
10/20/2009	9.6	936	111.0	8.0		4637.1

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5 Well I.D. 5MW5		CHRISTENSEN RANCH PERIMETER ORE ZONE MONITOR WELL				For time period 1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/13/2009	6.9	865	90.4	8.1		4632.1
04/07/2009	6.4	900	88.1	8.0		4632.8
08/03/2009	6.7	874	86.3	7.9		4637.5
10/19/2009	7.5	871	90.4	7.8		4638.9

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5 Well I.D. 5MW6		CHRISTENSEN RANCH PERIMETER ORE ZONE MONITOR WELL				For time period 1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/13/2009	8.9	860	110.4	8.1		4630.6
04/07/2009	9.0	864	106.7	8.1		4630.7
08/03/2009	9.6	883	101.3	7.9		4630.9
10/20/2009	9.1	878	103.7	7.9		4637.5

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5 Well I.D. 5MW7		CHRISTENSEN RANCH PERIMETER ORE ZONE MONITOR WELL				For time period 1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/13/2009	7.0	849	91.8	8.2		4629.8
04/07/2009	7.1	884	91.1	8.2		4630.0
08/03/2009	7.7	875	83.9	7.9		4634.9
10/19/2009	7.6	875	90.8	7.9		4636.1

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5 Well I.D. 5MW8		CHRISTENSEN RANCH PERIMETER ORE ZONE MONITOR WELL				For time period 1/1/2009 to 12/31/2009
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	23.0	1423	122.5			
Date						
01/13/2009	15.4	1280	170.2 *	7.8		4631.2
04/07/2009	15.9	1287	173.2 *	7.8		4630.2
08/03/2009	20.0	1304	163.5 *	7.9		4635.9
10/20/2009	18.3	1334	151.1 *	7.8		4637.1

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5 Well I.D. 5MW10		CHRISTENSEN RANCH PERIMETER ORE ZONE MONITOR WELL				For time period 1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/13/2009	9.9	825	145.4 *	8.1		4630.0
04/07/2009	10.1	926	192.4 *	8.1		4630.4
08/03/2009	11.6	864	159 *	7.7		4636.1
10/20/2009	11.8	850	157.6 *	7.7		4637.3

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5 Well I.D. 5MW12		CHRISTENSEN RANCH PERIMETER ORE ZONE MONITOR WELL				For time period 1/1/2009 to 12/31/2009
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	22.8	1725	145.4			
Date						
01/13/2009	8.1	870	125.8	8.0		4625.5
04/07/2009	8.3	868	120.7	8.0		4625.7
08/03/2009	8.7	865	112.3	7.9		4629.9
10/20/2009	8.6	861	115.8	7.9		4633.1

*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				1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/13/2009	8.5	715	108.6	8.1		4621.3
04/07/2009	8.5	698	104.4	8.2		4625.3
08/03/2009	8.8	691	100.5	7.7		4628.7
10/20/2009	8.4	692	103.2	8.0		4632.8

*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				1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/13/2009	7.5	735	101.5	8.2		4623.9
04/07/2009	7.5	740	98.2	8.2		4624.7
08/03/2009	7.7	746	96.3	8.0		4628.3
10/21/2009	8.1	744	97.5	7.9		4632.7

*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				1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/13/2009	7.3	860	99.4	8.1		4618.6
04/07/2009	7.0	868	91.8	8.1		4622.7
08/03/2009	7.9	830	91.4	8.0		4630.6
10/26/2009	7.8	868	101.6	8.0		4630.3

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5 Well I.D. 5MW20		CHRISTENSEN RANCH PERIMETER ORE ZONE MONITOR WELL				For time period 1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/13/2009	7.0	887	98.9	8.1		4622.9
04/07/2009	6.6	890	89.6	8.2		4623.0
08/03/2009	6.7	880	86.9	8.0		4630.7
10/21/2009	7.0	879	88.1	7.9		4634.0

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5 Well I.D. 5MW30A		CHRISTENSEN RANCH PERIMETER ORE ZONE MONITOR WELL				For time period 1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/19/2009	9.0	672	104.1	8.2		4619.0
04/07/2009	8.6	668	101.8	8.3		4620.3
08/03/2009	8.7	670	101.8	8.0		4624.4
10/19/2009	8.5	671	105.2	8.0		4625.7

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5 Well I.D. 5MW31		CHRISTENSEN RANCH PERIMETER ORE ZONE MONITOR WELL				For time period 1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/19/2009	8.2	669	102.1	8.1		4619.2
04/07/2009	8.1	665	99.6	8.3		4618.9
08/03/2009	8.6	668	97.8	8.0		4624.2
10/19/2009	9.0	668	102.3	8.1		4624.8

*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				1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/19/2009	8.4	672	103.6	8.1		4618.4
04/07/2009	7.8	668	102.2	8.3		4620.0
08/03/2009	7.6	670	106.8	7.9		4624.1
10/19/2009	8.3	672	103.2	8.0		4624.5

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW33		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/19/2009	8.6	668	102.0	8.0		4620.9
04/07/2009	8.5	665	101.1	8.2		4620.9
08/03/2009	8.5	667	99.2	7.9		4624.8
10/19/2009	8.5	669	101.3	8.0		4626.5

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW34		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/13/2009	8.1	675	109.6	8.1		4619.4
04/14/2009	8.7	678	102.4	8.1		4620.8
08/03/2009	8.7	675	102.0	8.0		4621.8
10/26/2009	8.4	668	108.4	8.1		4625.5

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW35A		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/19/2009	9.2	676	104.4	8.1		4622.2
04/07/2009	8.7	674	104.3	8.3		4625.1
08/03/2009	9.1	676	101.4	8.1		4626.4
10/19/2009	8.6	677	104.7	8.1		4627.6

*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				1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/13/2009	8.2	678	113.3	8.1		4620.6
04/14/2009	8.4	676	103.6	8.1		4622.2
08/03/2009	8.5	677	104.8	8.1		4622.6
10/26/2009	8.3	677	104.8	8.2		4627.5

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW37		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/19/2009	8.7	663	105.0	8.1		4623.3
04/07/2009	8.5	663	109.3	8.2		4623.3
08/03/2009	8.6	667	102.4	8.1		4627.7
10/19/2009	8.4	668	103.2	8.1		4628.0

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5 Well I.D. 5MW38		CHRISTENSEN RANCH PERIMETER ORE ZONE MONITOR WELL				For time period 1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/13/2009	8.2	703	126.9	8.0		4621.4
04/14/2009	8.8	699	120.4	8.0		4622.2
08/03/2009	8.7	704	119.0	8.1		4623.4
10/26/2009	8.4	707	121.0	8.2		4628.4

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5 Well I.D. 5MW39A		CHRISTENSEN RANCH PERIMETER ORE ZONE MONITOR WELL				For time period 1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/19/2009	8.3	678	106.2	8.1		4625.5
04/07/2009	8.1	674	103.1	8.3		4625.9
08/03/2009	8.2	676	101.1	8.1		4629.2
10/19/2009	8.3	678	101.2	8.0		4630.7

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5 Well I.D. 5MW40		CHRISTENSEN RANCH PERIMETER ORE ZONE MONITOR WELL				For time period 1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/13/2009	8.4	676	113.0	8.1		4621.9
04/14/2009	8.9	675	104.5	8.1		4623.3
08/03/2009	8.7	679	104.6	8.1		4627.9
10/26/2009	8.2	675	105.5	8.2		4629.3

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW41A		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/19/2009	8.2	670	102.5	8.1		4628.0
04/07/2009	8.0	669	101.7	8.2		4628.0
08/03/2009	8.8	668	101.0	7.8		4630.9
10/19/2009	8.4	670	103.5	7.9		4632.7

*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				1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/19/2009	8.4	676	106.6	8.1		4622.9
04/14/2009	8.5	677	105.9	8.0		4624.6
08/03/2009	8.6	676	104.9	8.1		4629.2
10/26/2009	8.4	676	105.9	8.2		4630.3

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW43		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/19/2009	8.7	677	109.3	8.2		4629.9
04/07/2009	8.2	676	105.9	8.3		4630.0
08/03/2009	8.5	675	103.0	7.9		4633.0
10/19/2009	8.1	676	105.4	7.9		4634.8

*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				1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/19/2009	8.4	677	108.2	8.2		4624.4
04/14/2009	8.6	678	104.9	8.2		4625.8
08/03/2009	8.7	677	104.4	8.2		4623.3
10/26/2009	8.6	677	109.9	8.4		4631.1

*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				1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/13/2009	7.8	680	115.4	8.0		4631.2
04/14/2009	8.3	683	105.5	8.0		4631.3
08/03/2009	7.9	678	105.9	7.7		4634.5
10/19/2009	8.2	679	107.9	7.8		4635.9

*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				1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/13/2009	8.5	684	114.4	8.1		4626.6
04/14/2009	8.8	690	107.3	8.1		4626.7
08/03/2009	8.9	685	107.8	8.1		4630.4
10/19/2009	8.7	688	109.4	8.0		4631.7

*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				1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/13/2009	8.1	683	116.8	8.2		4635.1
04/14/2009	8.4	688	110.2	8.3		4635.0
08/03/2009	8.1	681	107.6	8.0		4637.8
10/19/2009	7.6	683	108.3	8.1		4639.4

*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				1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/13/2009	22.3	777	165.6 *	8.0		4627.7
04/20/2009	18.3	740	134.6 *	8.0		4629.1
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

*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				1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/13/2009	8.0	681	116.2	8.1		4634.3
04/14/2009	8.4	679	107.3	8.1		4634.7
08/03/2009	7.9	681	106.6	8.0		4637.8
10/19/2009	8.3	683	108.1	8.0		4639.3

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW50		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/13/2009	8.8	685	120.1	8.0		4626.1
04/14/2009	8.8	687	108.4	8.0		4626.6
08/03/2009	8.5	686	107.3	7.8		4630.7
10/19/2009	8.7	702	113.4	8.0		4631.8

*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				1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/13/2009	8.1	684	120.8	7.8		4636.3
04/14/2009	8.5	686	108.4	7.8		4636.9
08/03/2009	8.1	684	107.8	7.7		4640.3
10/19/2009	8.1	684	109.2	7.8		4641.6

*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				1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/13/2009	8.9	631	106.4	7.6		4627.3
04/14/2009	9.8	615	99.5	7.5		4629.3
08/03/2009	9.6	588	107.8	7.9		4633.4
10/19/2009	10.0	658	119.4	7.9		4634.7

*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				1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/13/2009	8.4	687	119.6	7.9		4636.0
04/14/2009	8.7	684	107.1	7.9		4636.2
08/03/2009	8.3	685	107.7	7.7		4639.4
10/19/2009	8.3	686	109.7	7.8		4639.7

*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				1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/13/2009	10.5	1266 *	138.2 *	7.2		4627.9
01/14/2009	10.3	1125 *	132.8	7.4		4627.9
01/14/2009	10.4	1125 *	132.1	7.5		4627.9
04/14/2009	12.0	1184 *	152.6 *	7.8		4630.7
04/15/2009	12.0	997	143 *	7.6		4627.6
04/15/2009	12.0	1000	143.3 *	7.8		4627.6
08/03/2009	12.1	759	138.6 *	7.8		4634.4
10/19/2009	12.5	761	141.2 *	8.0		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. 5MW55		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/13/2009	8.4	689	117.7	7.9		4634.6
04/14/2009	8.5	684	118.5	8.0		4634.9
08/03/2009	8.7	687	116.9	7.7		4639.1
10/19/2009	8.3	686	107.4	7.9		4639.6

*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			1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/13/2009	8.9	599	114.5	8.0		4627.5
04/14/2009	10.6	602	119.8	7.9		4629.7
08/03/2009	9.9	681	112.0	7.9		4633.6
10/19/2009	8.8	678	111.3	7.9		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. 5MW57		PERIMETER ORE ZONE MONITOR WELL			1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/13/2009	8.4	688	115.7	7.9		4634.5
04/14/2009	8.6	687	110.6	8.0		4635.3
08/03/2009	9.0	689	113.1	7.7		4638.8
10/19/2009	8.6	690	108.3	7.7		4640.1

*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			1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/13/2009	8.7	692	116.2	8.1		4626.8
04/07/2009	8.2	691	108.7	8.3		4629.8
08/03/2009	8.8	691	107.1	7.9		4633.1
10/21/2009	8.6	689	107.9	8.1		4635.1

*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				1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/13/2009	8.6	688	114.8	8.1		4631.6
04/14/2009	8.5	686	105.8	8.0		4632.3
08/03/2009	8.5	685	106.2	7.9		4636.6
10/19/2009	8.6	688	108.2	8.0		4637.5

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW60		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	23.7	779	191.3			
Date						
01/13/2009	11.2	828 *	186.4	8.0		4630.4
04/07/2009	10.9	829 *	171.5	8.1		4629.4
08/03/2009	12.0	943 *	171.9	7.7		4633.3
10/21/2009	11.8	944 *	160.4	7.9		4634.8

*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				1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/13/2009	8.5	689	115.6	7.9		4633.3
04/14/2009	8.5	687	108.5	7.9		4634.6
08/03/2009	8.9	689	107.9	7.7		4638.5
10/19/2009	8.5	688	108.0	7.8		4639.9

*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				1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/13/2009	9.7	723	132.7	8.1		4626.5
04/07/2009	9.6	725	132.9	8.2		4628.9
08/03/2009	10.4	757	125.8	7.9		4633.5
10/21/2009	10.0	762	124.0	8.0		4634.7

*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				1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/13/2009	9.1	678	117.0	8.1		4632.8
04/07/2009	8.9	677	108.1	8.1		4633.9
07/27/2009	8.8	679	106.3	8.2		4638.0
10/20/2009	8.4	682	106.1	7.9		4639.2

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW64		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/13/2009	8.8	738	120.1	8.0		4627.0
04/07/2009	9.1	735	112.6	8.2		4628.8
08/03/2009	9.2	737	107.8	7.7		4634.2
10/21/2009	9.4	739	108.4	7.9		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. 5MW65		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	24.9	734	128.1			
Date						
01/13/2009	9.2	699	115.7	7.9		4631.5
04/07/2009	9.7	696	109.1	8.0		4633.2
07/27/2009	9.5	697	106.5	8.0		4637.9
10/20/2009	9.2	699	106.6	7.9		4639.5

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5MW66		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/14/2009	38.2 *	1434 *	363.2 *	7.3		4627.5
04/07/2009	36 *	1433 *	340.4 *	7.5		4630.3
08/03/2009	36.6 *	1430 *	333.4 *	7.4		4629.3
10/21/2009	35.8 *	1434 *	330 *	7.4		4629.1

*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				1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/13/2009	7.5	826	95.4	8.0		4633.8
04/07/2009	7.9	831	96.4	8.0		4634.8
07/27/2009	7.0	839	86.7	7.8		4634.7
10/20/2009	7.1	841	86.6	7.8		4640.4

*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				1/1/2009 to 12/31/2009
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	22.7	1004	134.3			
Date						
01/13/2009	7.9	797	98.5	8.1		4633.2
04/07/2009	7.6	798	95.8	8.2		4634.7
08/03/2009	8.3	826	92.2	8.0		4638.7
10/19/2009	8.0	817	92.0	8.0		4639.3

*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				1/1/2009 to 12/31/2009
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	20.0	1576	95.2			
Date						
02/02/2009	4.8	1301	68.3	8.0		4587.0
05/04/2009	5.4	1305	65.0	8.0		4588.0
08/11/2009	5.7	1310	65.3	8.2		4591.5
11/02/2009	5.6	1302	70.0	8.1		4593.4

*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				1/1/2009 to 12/31/2009
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	20.0	1576	95.2			
Date						
02/02/2009	4.8	1307	70.0	7.9		4632.1
05/04/2009	5.3	1309	68.0	7.8		4633.0
08/11/2009	5.6	1312	67.0	7.8		4635.6
11/02/2009	5.3	1312	70.7	7.7		4637.1

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW21		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	20.0	1576	95.2			
Date						
02/02/2009	5.4	1157	79.0	8.1		4630.0
05/04/2009	5.7	1167	71.5	8.0		4631.6
08/11/2009	6.0	1174	71.6	8.4		4634.1
11/02/2009	5.7	1173	76.5	8.2		4636.7

*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				1/1/2009 to 12/31/2009
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	20.0	1576	95.2			
Date						
02/02/2009	5.0	1250	74.9	8.2		4628.0
05/04/2009	5.4	1251	68.7	8.0		4630.3
08/11/2009	5.6	1256	67.9	7.8		4632.4
11/03/2009	5.6	1254	69.6	7.8		4634.5

*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				1/1/2009 to 12/31/2009
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	20.0	1576	95.2			
Date						
02/02/2009	5.0	1246	73.5	8.1		4625.7
05/04/2009	5.4	1249	66.8	8.1		4627.3
08/11/2009	5.6	1249	65.5	8.0		4630.5
11/02/2009	5.6	1252	72.7	7.9		4631.2

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW27		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	20.0	1576	95.2			
Date						
02/02/2009	7.3	1229	96.9 *	8.1		4624.6
05/04/2009	7.6	1214	98.3 *	8.0		4626.1
08/11/2009	8.1	1198	102.1 *	8.2		4629.0
11/02/2009	8.3	1172	113 *	8.1		4630.2

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW29		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	20.0	1576	95.2			
Date						
02/03/2009	8.8	1293	103.5 *	8.3		4623.8
05/05/2009	9.1	1284	111.6 *	8.2		4625.0
08/11/2009	10.1	1280	119.4 *	8.1		4628.1
11/02/2009	10.5	1277	125.6 *	8.3		4628.8

*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				1/1/2009 to 12/31/2009
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	20.0	1576	95.2			
Date						
02/03/2009	16.0	1456	133.7 *	7.6		4624.6
05/05/2009	15.4	1459	134.9 *	7.6		4625.9
08/11/2009	16.4	1464	134.8 *	7.9		4628.8
11/02/2009	17.1	1468	140.2 *	7.7		4629.2

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW33		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	20.0	1576	95.2			
Date						
02/03/2009	5.4	1267	69.9	7.7		4619.6
05/05/2009	5.3	1269	70.9	7.6		4620.8
08/11/2009	5.4	1272	67.1	7.8		4624.4
11/02/2009	5.6	1269	73.3	7.9		4625.1

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW34		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	20.0	1576	95.2			
Date						
02/02/2009	4.7	1339	67.7	7.9		4635.0
05/04/2009	5.3	1340	65.1	7.9		4636.2
08/11/2009	5.6	1342	64.7	8.0		4639.2
11/02/2009	5.0	1342	65.3	7.8		4638.2

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW35		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	20.0	1576	95.2			
Date						
02/03/2009	5.3	1271	68.7	7.5		4618.8
05/05/2009	5.1	1272	70.9	7.4		4620.4
08/11/2009	5.6	1275	67.7	7.5		4623.4
11/02/2009	5.6	1274	71.0	7.5		4622.9

*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				1/1/2009 to 12/31/2009
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	20.0	1576	95.2			
Date						
02/02/2009	6.4	1205	73.2	7.9		4633.9
05/04/2009	5.8	1211	67.0	7.9		4634.6
08/11/2009	6.1	1212	73.1	8.0		4637.4
11/03/2009	6.0	1210	68.7	8.0		4637.8

*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				1/1/2009 to 12/31/2009
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	20.0	1576	95.2			
Date						
02/03/2009	5.3	1264	69.2	7.6		4616.7
05/05/2009	4.9	1267	69.8	7.5		4618.4
08/11/2009	5.6	1268	67.9	8.0		4621.3
11/02/2009	5.3	1266	70.6	7.6		4620.8

*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				1/1/2009 to 12/31/2009
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	20.0	1576	95.2			
Date						
02/02/2009	4.7	1327	70.9	8.0		4631.5
05/04/2009	5.1	1332	66.9	8.0		4633.0
08/11/2009	5.3	1336	67.3	8.3		4635.8
11/03/2009	5.0	1334	67.9	8.1		4635.6

*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				1/1/2009 to 12/31/2009
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	20.0	1576	95.2			
Date						
02/03/2009	5.3	1249	65.6	8.0		4613.6
05/04/2009	5.6	1252	65.3	8.0		4614.7
08/11/2009	5.6	1256	64.7	7.8		4617.6
11/03/2009	5.4	1251	66.2	8.0		4617.1

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW40		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	20.0	1576	95.2			
Date						
02/02/2009	4.7	1345	68.0	8.0		4630.4
05/04/2009	5.3	1344	68.6	8.0		4630.9
08/11/2009	5.3	1350	63.2	8.2		4633.5
11/03/2009	4.9	1347	65.3	8.1		4634.1

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW41		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	20.0	1576	95.2			
Date						
02/03/2009	6.9	1040	130 *	7.9		4612.4
05/04/2009	6.8	1027	133.5 *	7.9		4613.5
08/11/2009	7.0	1029	131.4 *	8.1		4616.2
11/03/2009	6.6	1021	126.7 *	8.1		4617.5

*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				1/1/2009 to 12/31/2009
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	20.0	1576	95.2			
Date						
02/03/2009	5.3	1332	64.3	8.0		4629.1
05/05/2009	5.0	1335	65.2	8.0		4629.9
08/11/2009	5.5	1342	64.1	8.1		4632.5
11/03/2009	5.3	1337	66.5	8.0		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				1/1/2009 to 12/31/2009
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	20.0	1576	95.2			
Date						
02/03/2009	11.5	1391	120.8 *	8.0		4611.7
05/04/2009	12.0	1399	133.1 *	8.0		4612.6
08/11/2009	13.0	1413	142.1 *	8.0		4615.5
11/03/2009	13.2	1414	146.2 *	7.8		4616.6

*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				1/1/2009 to 12/31/2009
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	20.0	1576	95.2			
Date						
02/02/2009	6.2	1362	92.6	7.8		4626.8
05/05/2009	6.7	1372	96.1 *	7.9		4628.7
08/17/2009	6.8	1378	87.1	7.8		4631.9
11/02/2009	8.0	1388	93.6	7.9		4631.8

*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				1/1/2009 to 12/31/2009
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	20.0	1576	95.2			
Date						
02/03/2009	5.0	1070	121.5 *	7.7		4609.2
05/05/2009	4.6	1051	123.8 *	7.9		4609.9
08/17/2009	5.7	1090	116.9 *	7.9		4612.9
11/03/2009	5.3	1013	120 *	7.8		4614.1

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6MW46		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	20.6	2427	89.2			
Date						
02/02/2009	7.6	1248	185.8 *	7.6		4625.4
05/05/2009	7.0	1209	187.1 *	7.4		4625.9
08/11/2009	7.5	1175	196.4 *	7.7		4629.7
11/02/2009	7.0	1151	192.9 *	7.6		4629.8

*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				1/1/2009 to 12/31/2009
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	20.0	1576	95.2			
Date						
02/03/2009	5.7	1145	107.3 *	7.8		4611.3
05/04/2009	5.7	1100	113.6 *	7.8		4611.8
08/17/2009	5.7	1044	133.3 *	7.9		4614.9
11/03/2009	5.6	1039	140.6 *	8.0		4616.2

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 6 Well I.D. 6MW48-3		CHRISTENSEN RANCH PERIMETER ORE ZONE MONITOR WELL				For time period 1/1/2009 to 12/31/2009
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	20.0	1576	95.2			
Date						
02/03/2009	5.7	1350	64.8	7.6		4626.2
05/05/2009	5.6	1358	65.6	7.7		4626.9
08/11/2009	6.0	1360	64.7	7.8		4629.7
11/02/2009	6.0	1358	66.8	7.8		4632.0

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 6 Well I.D. 6MW49		CHRISTENSEN RANCH PERIMETER ORE ZONE MONITOR WELL				For time period 1/1/2009 to 12/31/2009
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	20.0	1576	95.2			
Date						
02/03/2009	4.9	923	128.7 *	7.9		4612.1
05/04/2009	4.7	910	131 *	7.9		4612.8
08/11/2009	4.9	890	131.9 *	7.9		4616.0
11/03/2009	4.8	845	130.3 *	8.0		4616.9

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 6 Well I.D. 6MW50		CHRISTENSEN RANCH PERIMETER ORE ZONE MONITOR WELL				For time period 1/1/2009 to 12/31/2009
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	20.0	1576	95.2			
Date						
02/03/2009	5.6	1325	67.0	7.5		4623.6
05/04/2009	5.3	1324	66.1	7.5		4624.2
08/11/2009	5.4	1331	65.8	7.5		4626.6
11/02/2009	5.3	1330	66.9	7.8		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. 6MW51		PERIMETER ORE ZONE MONITOR WELL				1/1/2009 to 12/31/2009
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	20.0	1576	95.2			
Date						
02/03/2009	6.1	1262	72.0	7.6		4611.2
05/04/2009	5.7	1264	70.5	7.5		4612.1
08/11/2009	6.0	1267	76.1	7.5		4613.5
11/03/2009	6.9	1264	75.1	7.6		4613.9

*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				1/1/2009 to 12/31/2009
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	20.0	1576	95.2			
Date						
02/03/2009	5.7	1258	67.3	7.7		4618.3
05/04/2009	5.7	1253	66.8	7.5		4618.8
08/11/2009	5.7	1261	67.2	7.5		4621.5
11/02/2009	6.0	1260	68.5	7.8		4622.8

*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				1/1/2009 to 12/31/2009
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	20.0	1576	95.2			
Date						
02/03/2009	6.4	1202	67.2	8.1		4611.2
05/04/2009	6.0	1207	66.2	8.1		4610.9
08/11/2009	6.0	1208	65.9	8.1		4613.6
11/03/2009	5.7	1206	66.2	8.0		4612.6

*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			1/1/2009 to 12/31/2009
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	20.0	1576	95.2			
Date						
02/03/2009	5.7	1290	68.4	7.8		4617.4
05/04/2009	5.6	1283	65.9	7.9		4616.7
08/11/2009	5.6	1282	65.4	7.9		4619.4
11/02/2009	5.6	1280	65.9	7.8		4620.5

*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				1/1/2009 to 12/31/2009
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	22.1	2922	316.6			
Date						
01/13/2009	6.7	1285	102.7	7.8		4648.2
04/07/2009	6.7	1282	99.6	7.9		4648.5
07/27/2009	6.9	1270	99.7	7.7		4649.1
10/19/2009	7.1	1266	102.5	7.6		4650.3

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW46S		INTERIOR SHALLOW SAND MONITOR WELL				1/1/2009 to 12/31/2009
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	13.5	1087	184.4			
Date						
01/05/2009	8.9	1184 *	146.9	7.8		4554.3
04/21/2009	9.2	1190 *	140.0	7.8		4555.3
07/21/2009	8.8	1190 *	132.5	7.6		4555.5
10/06/2009	9.1	1199 *	134.9	7.8		4555.4

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW48S		INTERIOR SHALLOW SAND MONITOR WELL				1/1/2009 to 12/31/2009
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	22.2	1775	268.3			
Date						
01/05/2009	9.1	1794 *	131.4	7.6		4556.8
04/21/2009	9.2	1809 *	133.0	7.6		4556.8
07/21/2009	8.8	1798 *	129.4	7.5		4557.6
10/06/2009	9.2	1791 *	128.7	7.5		4557.6

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3	CHRISTENSEN RANCH	For time period
Well I.D. MW50S	INTERIOR SHALLOW SAND MONITOR WELL	1/1/2009 to 12/31/2009

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	22.2	1775	268.3			
Date						
01/05/2009	10.0	1256	207.2	8.0		4557.2
04/21/2009	10.2	1235	254.6	8.1		4558.7
07/21/2009	11.5	1219	234.6	8.0		4559.1
10/06/2009	10.9	1225	239.6	8.0		4559.4

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3	CHRISTENSEN RANCH	For time period
Well I.D. MW52S	INTERIOR SHALLOW SAND MONITOR WELL	1/1/2009 to 12/31/2009

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	22.2	1775	268.3			
Date						
01/07/2009	8.2	1408	107.1	7.9		4551.5
04/21/2009	7.3	1400	106.0	7.8		4550.6
07/21/2009	7.7	1396	104.8	7.7		4550.6
10/06/2009	8.2	1397	115.4	7.9		4550.3

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3	CHRISTENSEN RANCH	For time period
Well I.D. MW54S	INTERIOR SHALLOW SAND MONITOR WELL	1/1/2009 to 12/31/2009

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	22.2	1775	268.3			
Date						
01/05/2009	7.3	1499	124.3	7.8		4561.8
04/21/2009	7.0	1497	117.6	7.8		4562.1
07/20/2009	6.7	1494	113.5	7.9		4559.8
10/05/2009	8.8	1501	118.5	7.8		4562.1

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW56S		INTERIOR SHALLOW SAND MONITOR WELL				1/1/2009 to 12/31/2009
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	13.5	1087	184.4			
Date						
01/05/2009	9.0	709	212 *	7.8		4561.0
04/21/2009	9.3	692	218.9 *	7.9		4561.4
07/20/2009	8.8	690	206.8 *	7.9		4560.2
10/06/2009	7.8	727	189.6 *	8.0		4562.5

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW58S		INTERIOR SHALLOW SAND MONITOR WELL				1/1/2009 to 12/31/2009
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	13.5	1087	184.4			
Date						
01/05/2009	7.6	925	133.6	8.2		4569.3
04/21/2009	7.0	915	120.6	8.3		4568.5
07/20/2009	8.0	908	119.1	8.4		4569.6
10/05/2009	10.9	907	118.9	8.0		4569.0

*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				1/1/2009 to 12/31/2009
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	22.2	1775	268.3			
Date						
01/06/2009	7.1	1475	120.0	7.8		4573.1
04/21/2009	7.4	1470	121.6	7.9		4573.5
07/20/2009	8.7	1471	114.7	8.0		4574.3
10/12/2009	9.6	1467	131.0	8.0		4574.4

*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				1/1/2009 to 12/31/2009
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	23.5	3560	304.0			
Date						
03/02/2009	14.1	2434	197.4	7.2		4573.8
06/17/2009	13.6	2450	200.1	7.3		4574.0
09/14/2009	13.3	2436	193.4	7.3		4573.8
12/08/2009	12.6	2428	179.7	7.1		4575.6

*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				1/1/2009 to 12/31/2009
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	63.4	21365	5861.3			
Date						
03/02/2009	11.6	1906	44.2	7.7		4561.8
06/16/2009	11.1	1888	46.8	7.4		4563.1
09/14/2009	11.1	1855	54.3	7.6		4561.3
12/08/2009	11.0	1899	59.3	7.7		4563.3

*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				1/1/2009 to 12/31/2009
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	63.4	21365	5861.3			
Date						
03/02/2009	11.9	2204	180.9	7.6		4567.1
06/17/2009	11.7	2200	160.4	7.4		4567.5
09/15/2009	11.9	2216	168.0	7.8		4567.7
12/08/2009	12.3	2213	160.4	7.5		4568.1

*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				1/1/2009 to 12/31/2009
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	23.5	3560	304.0			
Date						
03/02/2009	11.6	2402	141.5	7.4		4570.6
06/23/2009	11.5	2406	135.9	7.3		4570.5
09/14/2009	11.4	2385	137.5	7.2		4567.1
12/08/2009	11.9	2412	141.7	7.2		4569.9

*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				1/1/2009 to 12/31/2009
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	23.5	3560	304.0			
Date						
03/02/2009	14.2	2632	185.9	7.4		4552.4
06/16/2009	13.9	2637	184.7	7.4		4553.4
09/14/2009	13.4	2635	175.5	7.3		4552.2
12/08/2009	14.1	2647	180.9	7.2		4551.9

*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				1/1/2009 to 12/31/2009
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	23.5	3560	304.0			
Date						
03/02/2009	11.6	2704	223.4	7.3		4566.7
06/16/2009	11.3	2689	221.7	7.4		4567.4
09/14/2009	11.8	2716	237.5	7.3		4566.1
12/08/2009	12.8	2711	245.8	7.2		4566.9

*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				1/1/2009 to 12/31/2009
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	63.4	21365	5861.3			
Date						
03/02/2009	12.8	2636	169.7	7.4		4557.1
06/16/2009	13.0	2628	170.1	7.4		4558.9
09/15/2009	12.7	2637	167.1	7.4		4556.6
12/08/2009	13.5	2648	169.1	7.4		4557.5

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW100S		INTERIOR SHALLOW SAND MONITOR WELL				1/1/2009 to 12/31/2009
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	23.5	3560	304.0			
Date						
03/02/2009	13.8	2587	179.1	7.2		4554.2
06/17/2009	12.6	2590	164.8	7.2		4555.8
09/14/2009	12.4	2585	162.5	7.3		4554.1
12/08/2009	13.1	2600	165.0	7.0		4554.5

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW112S		INTERIOR SHALLOW SAND MONITOR WELL				1/1/2009 to 12/31/2009
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	63.4	21365	5861.3			
Date						
03/09/2009	10.8	2100	230.8	11.0		4552.7
06/17/2009	12.4	1900	225.3	10.6		4553.9
09/15/2009	18.1	1531	191.5	9.9		4553.2
12/16/2009	26.8	1600	197.0	9.3		4553.2

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW117S		INTERIOR SHALLOW SAND MONITOR WELL				1/1/2009 to 12/31/2009
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	13.6	768	144.5			
Date						
03/02/2009	7.7	736	136.5	8.0		4537.5
06/17/2009	8.0	734	135.1	8.1		4539.4
09/15/2009	8.0	730	136.0	8.1		4537.6
12/08/2009	8.0	732	130.8	8.0		4541.6

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 4		CHRISTENSEN RANCH				For time period
Well I.D. 4SM-1		INTERIOR SHALLOW SAND MONITOR WELL				1/1/2009 to 12/31/2009
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	8.8	1570	142.7			
Date						
03/09/2009	6.7	1099	106.5	8.0		4610.5
06/01/2009	6.6	1091	108.4	8.0		4610.4
09/01/2009	8.0	1084	123.0	8.0		4611.1
12/01/2009	8.3	1072	115.5	8.2		4611.9

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 4		CHRISTENSEN RANCH				For time period
Well I.D. 4SM-4		INTERIOR SHALLOW SAND MONITOR WELL				1/1/2009 to 12/31/2009
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	8.8	1570	142.7			
Date						
03/09/2009	6.3	1082	122.0	7.4		4597.4
06/01/2009	6.3	1076	110.2	7.4		4598.1
09/01/2009	6.4	1065	105.9	7.5		4598.3
12/01/2009	6.2	1082	114.4	7.4		4586.0

*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-8		INTERIOR SHALLOW SAND MONITOR WELL				1/1/2009 to 12/31/2009
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	8.8	1570	142.7			
Date						
03/09/2009	6.2	855	117.3	7.8		4593.3
06/01/2009	6.0	853	114.4	7.5		4594.0
09/01/2009	6.4	837	115.7	7.8		4594.3
12/01/2009	6.4	848	115.8	7.8		4607.5

*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				1/1/2009 to 12/31/2009
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	19.4	1175	447.1			
Date						
03/09/2009	8.7	509	238.4	8.0		4579.1
06/01/2009	8.7	512	240.1	7.8		4578.8
09/01/2009	9.0	514	238.3	8.0		4578.8
12/01/2009	9.9	511	238.1	8.0		4579.6

*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				1/1/2009 to 12/31/2009
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	22.1	2922	316.6			
Date						
01/14/2009	16.1	1194	142.8	7.3		4631.1
04/07/2009	15.0	1160	145.7	7.2		4630.4
07/27/2009	29.8 *	1180	146.4	7.5		4631.8
10/27/2009	25.7 *	1140	135.4	7.6		4631.9

*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				1/1/2009 to 12/31/2009
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	22.1	2922	316.6			
Date						
01/14/2009	15.1	1186	169.3	8.1		4677.6
04/07/2009	11.0	1186	156.9	8.1		4677.8
07/27/2009	13.8	1192	159.3	8.2		4678.8
10/19/2009	15.2	1188	163.0	8.3		4678.6

*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				1/1/2009 to 12/31/2009
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	22.1	2922	316.6			
Date						
01/14/2009	7.2	1536	87.3	7.7		4676.5
04/30/2009	6.9	1524	80.5	7.8		4679.7
07/27/2009	6.4	1537	76.3	8.2		4677.6
10/19/2009	6.7	1536	78.3	7.9		4677.4

*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				1/1/2009 to 12/31/2009
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	22.1	2922	316.6			
Date						
01/14/2009	5.8	1327	109.4	7.2		4682.5
04/29/2009	5.8	1321	102.1	7.2		4683.2
07/27/2009	6.0	1329	99.5	7.3		4683.8
10/19/2009	6.0	1322	99.5	7.3		4683.1

*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				1/1/2009 to 12/31/2009
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	22.1	2922	316.6			
Date						
01/14/2009	9.4	587	171.3	8.2		4672.4
04/07/2009	9.5	578	168.3	8.4		4673.0
07/27/2009	9.1	580	170.7	8.0		4673.9
10/19/2009	10.1	586	163.6	7.7		4673.7

*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				1/1/2009 to 12/31/2009
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	22.1	2922	316.6			
Date						
01/14/2009	9.9	1200	219.1	7.5		4667.4
04/07/2009	10.0	1190	232.4	7.6		4667.6
07/27/2009	14.4	1189	226.9	7.9		4668.6
10/19/2009	12.4	1153	218.0	7.7		4668.2

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. WCOW-04		INTERIOR SHALLOW SAND MONITOR WELL				1/1/2009 to 12/31/2009
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	22.1	2922	316.6			
Date						
01/14/2009	6.5	1036	128.4	8.0		4650.7
04/07/2009	6.4	1021	122.1	8.1		4650.7
07/27/2009	7.3	1010	131.9	7.8		4651.3
10/19/2009	7.2	1008	122.7	7.5		4651.8

*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					1/1/2009 to 12/31/2009
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	22.0	1966	289.1			
Date						
02/02/2009	6.5	885	102.4	8.0		4702.3
05/04/2009	6.4	873	104.8	8.0		4701.7
08/17/2009	7.4	1173	112.7	8.1		4702.0
11/03/2009	8.0	1215	113.3	8.1		4702.6

*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					1/1/2009 to 12/31/2009
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	24.2	3574	238.2			
Date						
02/02/2009	8.0	1955	80.7	7.4		4706.6
05/04/2009	8.1	1956	79.7	7.4		4707.6
08/11/2009	8.2	1922	78.6	7.5		4708.3
11/03/2009	7.6	1950	78.4	7.4		4708.2

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 6	CHRISTENSEN RANCH					For time period
Well I.D. 6SM3	INTERIOR SHALLOW SAND MONITOR WELL					1/1/2009 to 12/31/2009
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	24.2	3574	238.2			
Date						
02/02/2009	11.0	2115	94.3	8.0		4716.7
05/27/2009	10.1	2153	89.4	8.2		4715.9
08/11/2009	10.1	2130	73.6	8.0		4716.5
11/03/2009	10.2	2110	80.6	7.8		4716.9

*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				1/1/2009 to 12/31/2009
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	24.2	3574	238.2			
Date						
02/02/2009	7.9	1550	27.4	9.2		4716.4
05/04/2009	8.3	1520	29.0	9.1		4716.0
08/11/2009	8.8	1515	25.9	9.2		4716.6
11/03/2009	8.6	1590	25.2	9.4		4717.6

*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				1/1/2009 to 12/31/2009
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	22.0	1966	289.1			
Date						
02/02/2009	9.3	1555	88.6	7.6		4708.8
05/06/2009	9.5	1607	91.7	7.6		4708.3
08/11/2009	8.9	1621	99.4	7.5		4709.9
11/03/2009	10.0	1588	121.8	7.4		4708.6

*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				1/1/2009 to 12/31/2009
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	22.0	1966	289.1			
Date						
02/02/2009	11.9	475	230.5	7.8		4693.4
05/05/2009	11.4	496	239.5	7.8		4693.8
08/11/2009	12.1	504	241.6	7.8		4695.0
11/02/2009	11.8	505	243.7	7.9		4695.6

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 6 Well I.D. 6SM7		CHRISTENSEN RANCH INTERIOR SHALLOW SAND MONITOR WELL				For time period 1/1/2009 to 12/31/2009
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	25.6	889	330.0			
Date						
02/02/2009	11.5	480	135.2	8.0		4690.9
05/05/2009	11.3	485	239.7	7.9		4693.9
08/11/2009	11.8	484	233.6	7.9		4695.2
11/02/2009	11.4	483	232.3	8.1		4695.3

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 6 Well I.D. 6SM8		CHRISTENSEN RANCH INTERIOR SHALLOW SAND MONITOR WELL				For time period 1/1/2009 to 12/31/2009
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	24.2	3574	238.2			
Date						
02/02/2009	9.9	2161	53.7	7.2		4729.5
05/05/2009	9.8	2171	55.7	7.3		4729.3
08/11/2009	9.9	2181	51.7	7.3		4729.9
11/02/2009	10.1	2169	52.8	7.0		4730.0

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 6 Well I.D. 6SM9		CHRISTENSEN RANCH INTERIOR SHALLOW SAND MONITOR WELL				For time period 1/1/2009 to 12/31/2009
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	24.2	3574	238.2			
Date						
02/02/2009	10.4	1896	36.8	7.8		4730.5
05/06/2009	9.6	1912	27.5	7.7		4730.2
08/11/2009	10.2	1945	21.4	7.8		4731.0
11/03/2009	10.4	1966	36.8	7.8		4730.8

*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				1/1/2009 to 12/31/2009
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	25.6	889	330.0			
Date						
02/02/2009	11.0	664	251.8	8.0		4683.5
05/04/2009	10.8	656	249.1	8.0		4683.8
08/11/2009	11.6	653	253.4	8.0		4685.3
11/02/2009	11.7	654	250.8	8.0		4685.3

*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				1/1/2009 to 12/31/2009
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	24.2	3574	238.2			
Date						
02/02/2009	12.8	2589	68.1	7.8		4729.6
05/04/2009	12.9	2581	65.5	7.5		4729.4
08/11/2009	13.0	2589	63.6	7.8		4729.6
11/02/2009	13.6	2588	70.6	7.7		4729.9

*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				1/1/2009 to 12/31/2009
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	24.2	3574	238.2	8.5		
Date						
02/02/2009	15.9	2720	99.4	7.8		4729.4
05/04/2009	20.2	2722	94.6	7.8		4729.2
08/11/2009	19.8	2725	140.1	7.8		4730.2
11/03/2009	20.0	2730	133.6	7.6		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				1/1/2009 to 12/31/2009
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	24.2	3574	238.2			
Date						
02/02/2009	13.3	2335	74.5	7.8		4729.7
05/04/2009	12.9	2343	73.8	7.8		4729.9
08/11/2009	12.5	2340	72.2	7.8		4731.1
11/02/2009	12.9	2340	76.2	7.7		4730.3

*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				1/1/2009 to 12/31/2009
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	22.0	1966	289.1			
Date						
02/02/2009	7.3	1147	122.6	8.0		4708.4
05/04/2009	7.3	1156	121.3	8.0		4708.3
08/11/2009	7.5	1156	120.5	8.0		4708.9
11/02/2009	7.7	1160	121.8	7.8		4708.8

*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				1/1/2009 to 12/31/2009
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	22.8	1017	420.9			
Date						
01/13/2009	8.2	519	213.5	8.1		4604.5
04/07/2009	7.6	530	211.3	8.3		4602.9
07/27/2009	9.0	541	207.3	8.1		4603.6
10/19/2009	9.4	549	200.9	8.1		4604.6

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW45D		INTERIOR DEEP SAND MONITOR WELL				1/1/2009 to 12/31/2009
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	13.7	753	153.3			
Date						
01/05/2009	9.9	653	109.2	8.3		4544.0
04/21/2009	9.7	600	106.9	8.2		4545.6
07/21/2009	9.5	649	106.0	8.3		4546.8
10/06/2009	9.7	643	104.8	8.2		4545.7

*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				1/1/2009 to 12/31/2009
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	13.7	753	153.5			
Date						
01/05/2009	9.7	652	113.8	8.4		4546.4
04/21/2009	9.7	649	109.4	8.4		4548.5
07/21/2009	9.3	651	104.9	8.4		4546.7
10/06/2009	9.6	652	106.7	8.4		4548.0

*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				1/1/2009 to 12/31/2009
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	13.7	753	153.3			
Date						
01/05/2009	9.6	648	118.1	8.4		4547.7
04/21/2009	9.3	639	116.9	8.4		4549.9
07/21/2009	10.0	634	123.9	8.4		4548.0
10/05/2009	9.4	640	123.8	8.2		4550.4

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW51D		INTERIOR DEEP SAND MONITOR WELL				1/1/2009 to 12/31/2009
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	13.7	753	153.3			
Date						
01/07/2009	10.9	640	110.3	8.1		4541.9
04/21/2009	9.9	643	108.7	8.2		4542.5
07/21/2009	10.3	641	113.3	8.2		4542.1
10/06/2009	10.1	644	108.9	8.0		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				1/1/2009 to 12/31/2009
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	13.7	753	153.3			
Date						
01/05/2009	10.1	646	109.0	8.4		4551.6
04/21/2009	9.7	645	105.4	8.4		4552.3
07/27/2009	9.9	648	99.8	8.4		4551.2
10/05/2009	11.1	645	99.2	8.2		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				1/1/2009 to 12/31/2009
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	13.7	753	153.3			
Date						
01/06/2009	9.9	609	119.8	8.6		4551.9
04/21/2009	10.2	603	124.0	8.6		4552.3
07/20/2009	9.7	608	117.0	8.7		4552.3
10/12/2009	12.1	603	126.1	8.5		4553.3

*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				1/1/2009 to 12/31/2009
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	13.7	753	153.3			
Date						
01/06/2009	11.1	636	110.3	8.2		4555.7
04/21/2009	11.1	634	106.4	8.2		4556.1
07/20/2009	10.7	636	102.9	8.3		4555.9
10/12/2009	11.4	635	103.5	8.2		4557.1

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3		CHRISTENSEN RANCH				For time period
Well I.D. MW65D		INTERIOR DEEP SAND MONITOR WELL				1/1/2009 to 12/31/2009
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	13.7	753	153.3			
Date						
01/06/2009	9.6	619	120.7	8.9		4562.1
04/21/2009	9.4	611	118.1	9.0		4562.3
07/20/2009	9.3	621	111.3	9.1		4564.1
10/12/2009	10.1	624	115.6	9.0		4564.0

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW67D		INTERIOR DEEP SAND MONITOR WELL				1/1/2009 to 12/31/2009
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	12.9	789	134.0			
Date						
03/02/2009	9.4	604	131.7	8.8		4540.5
06/16/2009	9.2	612	133.8	8.7		4540.7
09/14/2009	9.6	602	143.7 *	8.8		4540.4
12/08/2009	9.9	609	131.6	8.7		4542.4

*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				1/1/2009 to 12/31/2009
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	12.9	789	134.0			
Date						
03/02/2009	10.5	641	120.5	8.7		4542.1
06/16/2009	9.9	640	115.5	8.6		4543.9
09/14/2009	10.0	643	120.6	8.7		4542.1
12/08/2009	10.2	646	115.6	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				1/1/2009 to 12/31/2009
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	12.9	789	134.0			
Date						
03/02/2009	9.7	652	111.8	8.8		4544.4
06/17/2009	9.4	649	109.7	8.7		4544.5
09/15/2009	9.6	647	111.4	8.9		4544.6
12/08/2009	10.3	648	111.0	8.7		4548.1

*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				1/1/2009 to 12/31/2009
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	12.9	789	134.0			
Date						
03/02/2009	9.7	601	138.3 *	8.4		4539.5
06/16/2009	9.2	595	136.6 *	8.3		4542.0
09/14/2009	10.4	597	136.9 *	8.4		4539.6
12/08/2009	10.2	608	131.9	8.0		4541.8

*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				1/1/2009 to 12/31/2009
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	12.9	789	134.0			
Date						
03/02/2009	9.8	652	103.4	8.2		4537.3
06/16/2009	9.8	651	105.1	8.2		4539.8
09/14/2009	9.8	657	102.9	8.4		4537.7
12/08/2009	11.1	653	104.0	8.2		4537.2

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 2		CHRISTENSEN RANCH				For time period
Well I.D. MW95D		INTERIOR DEEP SAND MONITOR WELL				1/1/2009 to 12/31/2009
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	12.9	789	134.0			
Date						
03/02/2009	10.1	652	113.4	8.3		4537.8
06/16/2009	9.6	649	109.7	8.3		4537.8
09/14/2009	9.4	666	105.6	8.4		4538.0
12/08/2009	10.3	650	112.7	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. MW97D		INTERIOR DEEP SAND MONITOR WELL				1/1/2009 to 12/31/2009
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	13.8	723	143.3			
Date						
03/02/2009	11.2	622	114.3	8.3		4537.4
06/17/2009	10.0	629	101.7	8.3		4537.3
09/15/2009	11.0	626	103.7	8.4		4536.6
12/08/2009	10.9	631	104.4	8.0		4536.0

*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				1/1/2009 to 12/31/2009
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	13.8	723	143.3			
Date						
03/02/2009	10.3	612	107.3	8.3		4533.8
06/17/2009	10.5	609	109.0	8.3		4534.5
09/14/2009	10.2	619	105.6	8.4		4534.1
12/08/2009	11.3	611	109.2	8.3		4535.3

*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				1/1/2009 to 12/31/2009
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	13.8	723	143.3			
Date						
03/02/2009	10.5	605	121.9	8.7		4533.7
06/17/2009	10.2	609	115.2	8.8		4535.4
09/15/2009	9.8	615	110.8	8.9		4534.2
12/08/2009	10.4	620	112.6	8.6		4535.2

*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				1/1/2009 to 12/31/2009
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	14.1	712	189.2			
Date						
03/09/2009	8.3	561	118.2	8.4		4573.3
06/01/2009	8.1	570	115.3	8.2		4572.7
09/01/2009	8.4	562	117.7	8.6		4573.2
12/01/2009	8.2	563	116.1	8.4		4574.5

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 4		CHRISTENSEN RANCH				For time period
Well I.D. 4DM-4		INTERIOR DEEP SAND MONITOR WELL				1/1/2009 to 12/31/2009
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	14.1	712	189.2			
Date						
03/09/2009	7.8	509	134.5	8.5		4568.1
06/01/2009	7.5	511	132.9	8.3		4568.4
09/01/2009	7.8	511	134.6	8.6		4569.2
12/01/2009	7.8	513	132.9	8.6		4570.0

*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-8		INTERIOR DEEP SAND MONITOR WELL				1/1/2009 to 12/31/2009
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	14.1	712	189.2			
Date						
03/09/2009	8.3	513	143.6	8.5		4564.1
06/01/2009	8.1	513	142.5	8.3		4565.1
09/01/2009	8.3	514	143.1	8.6		4565.2
12/01/2009	8.9	515	140.8	8.4		4567.6

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 4		CHRISTENSEN RANCH				For time period
Well I.D. 4DRM-07		INTERIOR DEEP SAND MONITOR WELL				1/1/2009 to 12/31/2009
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	14.1	712	189.2			
Date						
03/09/2009	8.0	526	127.3	8.4		4569.4
06/01/2009	7.8	526	129.7	8.3		4570.3
09/01/2009	8.1	526	130.3	8.5		4570.3
12/01/2009	8.0	525	127.5	8.4		4572.3

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5DM1A		INTERIOR DEEP SAND MONITOR WELL				1/1/2009 to 12/31/2009
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	22.8	1017	420.9			
Date						
01/13/2009	5.6	415	195.8	8.1		4606.7
04/07/2009	5.5	400	192.1	8.1		4605.4
07/27/2009	6.0	402	197.0	8.2		4602.0
10/26/2009	6.2	402	190.2	8.2		4603.6

*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				1/1/2009 to 12/31/2009
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	22.8	1017	420.9			
Date						
01/13/2009	10.2	628	115.7	9.2		4613.5
04/07/2009	10.3	625	113.0	9.4		4613.8
07/27/2009	11.0	630	120.7	8.7		4614.4
10/19/2009	10.9	626	114.1	9.3		4615.2

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. 5DM3		INTERIOR DEEP SAND MONITOR WELL				1/1/2009 to 12/31/2009
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	22.8	1017	420.9			
Date						
01/13/2009	10.1	554	128.6	8.4		4605.5
04/07/2009	10.0	553	123.6	8.5		4606.8
07/27/2009	10.2	556	120.7	8.3		4603.6
10/19/2009	10.3	558	111.5	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				1/1/2009 to 12/31/2009
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	22.8	1017	420.9			
Date						
01/13/2009	5.9	450	222.8	8.2		4605.0
04/07/2009	5.4	433	211.1	8.3		4605.0
07/27/2009	7.2	442	226.1	8.4		4601.2
10/19/2009	6.0	428	207.2	8.5		4602.4

*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				1/1/2009 to 12/31/2009
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	22.8	1017	420.9			
Date						
01/13/2009	6.2	450	224.8	8.4		4598.9
04/07/2009	5.9	446	226.5	8.5		4597.9
07/27/2009	5.6	446	222.7	8.3		4599.7
10/19/2009	6.0	447	226.3	8.3		4601.7

*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				1/1/2009 to 12/31/2009
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	22.8	1017	420.9			
Date						
01/13/2009	8.0	519	236.7	8.5		4598.7
04/07/2009	7.9	528	234.9	8.6		4597.9
07/27/2009	8.1	537	228.3	8.4		4601.1
10/19/2009	8.0	535	231.6	8.4		4602.3

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5		CHRISTENSEN RANCH				For time period
Well I.D. WCOW-37D		INTERIOR DEEP SAND MONITOR WELL				1/1/2009 to 12/31/2009
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	22.8	1017	420.9			
Date						
01/14/2009	8.5	459	232.4	8.3		4599.5
04/07/2009	8.3	461	225.9	8.4		4599.5
07/27/2009	8.6	462	226.8	8.3		4599.3
10/19/2009	8.6	461	223.9	8.2		4601.1

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6DM1		INTERIOR DEEP SAND MONITOR WELL				1/1/2009 to 12/31/2009
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	21.9	1682	129.4			
Date						
02/03/2009	8.3	790	92.4	8.3		4610.2
05/04/2009	8.1	798	90.3	8.2		4609.6
08/17/2009	8.0	796	88.7	8.2		4612.2
11/03/2009	8.4	802	97.0	8.1		4612.1

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6DM2		INTERIOR DEEP SAND MONITOR WELL				1/1/2009 to 12/31/2009
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	21.9	1682	129.4			
Date						
02/03/2009	6.2	1125	69.2	7.7		4610.0
05/04/2009	6.4	1127	66.2	7.7		4610.9
08/11/2009	6.6	1127	65.2	8.0		4613.5
11/03/2009	7.5	1130	68.9	8.1		4614.9

*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				1/1/2009 to 12/31/2009
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	21.9	1682	129.4			
Date						
02/03/2009	6.1	1135	73.4	7.4		4612.8
05/05/2009	6.0	1139	72.6	7.4		4611.9
08/11/2009	6.4	1128	68.1	7.2		4614.5
11/03/2009	6.3	1137	70.8	7.0		4615.1

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6DM4-2		INTERIOR DEEP SAND MONITOR WELL				1/1/2009 to 12/31/2009
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	21.9	1682	129.4			
Date						
02/03/2009	6.1	1160	74.5	8.0		4612.2
05/04/2009	6.1	1156	71.8	8.0		4611.5
08/11/2009	6.4	1156	72.3	7.8		4615.4
11/03/2009	6.3	1158	74.2	7.7		4617.1

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6DM5		INTERIOR DEEP SAND MONITOR WELL				1/1/2009 to 12/31/2009
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	21.9	1682	129.4			
Date						
02/02/2009	6.5	1140	75.3	7.4		4614.2
05/04/2009	6.4	1132	71.5	7.4		4613.5
08/11/2009	6.7	1142	72.4	7.3		4617.0
11/03/2009	6.4	1138	74.3	7.1		4618.9

*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				1/1/2009 to 12/31/2009
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	21.9	1682	129.4			
Date						
02/02/2009	7.3	835	90.8	8.1		4623.0
05/05/2009	7.2	832	88.5	8.1		4622.8
08/11/2009	7.7	832	86.4	7.7		4625.3
11/02/2009	8.1	836	91.2	7.9		4625.8

*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				1/1/2009 to 12/31/2009
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	21.9	1682	129.4			
Date						
02/02/2009	7.0	860	83.9	8.1		4632.1
05/04/2009	7.5	864	84.9	8.0		4632.2
08/11/2009	7.6	863	84.4	8.3		4634.7
11/02/2009	7.8	862	83.9	8.0		4634.2

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6DM8		INTERIOR DEEP SAND MONITOR WELL				1/1/2009 to 12/31/2009
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	21.9	1682	129.4			
Date						
02/02/2009	7.3	845	85.6	8.3		4626.6
05/04/2009	7.2	849	84.4	8.1		4627.3
08/11/2009	7.5	850	83.9	8.0		4630.0
11/02/2009	7.0	849	83.9	8.1		4630.4

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6DM9		INTERIOR DEEP SAND MONITOR WELL				1/1/2009 to 12/31/2009
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	21.9	1682	129.4			
Date						
02/02/2009	7.6	826	91.2	7.8		4622.7
05/04/2009	7.5	828	84.9	7.7		4623.3
08/11/2009	7.6	828	83.9	7.6		4625.9
11/02/2009	7.7	828	88.9	7.5		4626.5

*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				1/1/2009 to 12/31/2009
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	21.9	1682	129.4			
Date						
02/02/2009	7.3	841	86.2	8.3		4622.7
05/04/2009	7.2	842	85.7	8.2		4623.0
08/11/2009	8.0	846	90.6	8.1		4625.9
11/02/2009	7.4	844	85.7	8.0		4626.8

*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				1/1/2009 to 12/31/2009
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	22.9	1101	385.3			
Date						
02/02/2009	8.6	600	150.9	8.2		4628.9
05/04/2009	8.5	599	150.8	8.1		4629.3
08/11/2009	8.7	603	150.0	8.1		4632.2
11/02/2009	9.1	600	149.8	8.2		4633.2

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6DM12		INTERIOR DEEP SAND MONITOR WELL				1/1/2009 to 12/31/2009
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	22.9	1101	385.3			
Date						
02/02/2009	7.8	535	118.0	8.4		4630.2
05/04/2009	7.6	535	116.2	8.3		4631.3
08/11/2009	7.7	536	114.2	8.1		4633.9
11/02/2009	7.9	535	117.3	8.4		4634.2

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6DM13		INTERIOR DEEP SAND MONITOR WELL				1/1/2009 to 12/31/2009
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	22.9	1101	385.3			
Date						
02/02/2009	7.6	633	180.0	8.1		4627.2
05/04/2009	7.6	632	182.1	8.1		4627.5
08/11/2009	7.6	630	177.8	8.1		4630.0
11/02/2009	7.5	634	178.7	8.1		4631.1

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 6		CHRISTENSEN RANCH				For time period
Well I.D. 6DM14		INTERIOR DEEP SAND MONITOR WELL				1/1/2009 to 12/31/2009
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	21.9	1682	129.4			
Date						
02/02/2009	7.5	826	86.5	8.1		4618.9
05/04/2009	7.5	827	86.5	8.1		4619.2
08/11/2009	7.5	828	85.1	8.1		4621.2
11/03/2009	7.5	826	88.0	7.9		4622.3

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

CHRISTENSEN RANCH PROJECT

Perimeter Ore Zone Trend Wells

Mine Unit 2 Well I.D. MW78T		CHRISTENSEN RANCH PERIMETER ORE ZONE TREND WELL				For time period 1/1/2009 to 12/31/2009
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						
03/02/2009	10.2	682	100.7	8.2		4570.9
06/16/2009	9.4	665	94.7	8.2		4570.3
09/14/2009	9.5	680	95.2	8.3		4572.5
12/08/2009	9.5	685	96.8	8.2		4573.1

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 2 Well I.D. MW87T		CHRISTENSEN RANCH PERIMETER ORE ZONE TREND WELL				For time period 1/1/2009 to 12/31/2009
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						
03/02/2009	9.9	663	97.1	8.2		4559.0
06/16/2009	9.9	666	94.8	8.0		4560.1
09/15/2009	9.9	664	95.3	8.2		4561.0
12/15/2009	9.8	660	95.5	8.1		4561.8

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5 Well I.D. 5TW-1		CHRISTENSEN RANCH PERIMETER ORE ZONE TREND WELL				For time period 1/1/2009 to 12/31/2009
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						
01/13/2009	8.0	717	101.1	8.2		4627.1
04/07/2009	7.8	716	99.8	8.2		4629.8
07/27/2009	8.2	718	98.3	7.8		4634.6
10/19/2009	8.1	715	99.8	7.8		4636.1

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 6 Well I.D. 6TW1		CHRISTENSEN RANCH PERIMETER ORE ZONE TREND WELL				For time period 1/1/2009 to 12/31/2009
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						
02/02/2009	18.6	1460	499.2	7.4		4627.6
05/05/2009	16.6	1397	440.0	7.6		4626.6
08/11/2009	17.2	1370	396.8	7.4		4629.3
11/03/2009	17.0	1284	393.6	7.3		4631.0

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 6 Well I.D. 6TW2		CHRISTENSEN RANCH PERIMETER ORE ZONE TREND WELL				For time period 1/1/2009 to 12/31/2009
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						
02/02/2009	33.3	1660	209.5	7.5		4628.0
05/06/2009	29.9	1700	210.5	7.6		4626.5
08/11/2009	36.4	1796	210.4	7.5		4630.5
11/02/2009	38.2	1815	215.1	7.8		4630.7

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 6 Well I.D. 6TW3		CHRISTENSEN RANCH PERIMETER ORE ZONE TREND WELL				For time period 1/1/2009 to 12/31/2009
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						
02/02/2009	5.7	1275	75.1	7.3		4628.4
05/04/2009	5.3	1277	69.1	7.3		4629.9
08/11/2009	5.6	1278	68.6	7.3		4632.5
11/02/2009	5.6	1280	68.8	7.4		4632.6

*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				1/1/2009 to 12/31/2009
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						
02/02/2009	45.4	2240	378.4	7.4		4628.0
05/06/2009	44.4	2195	375.4	7.5		4625.7
08/11/2009	40.2	2157	334.6	7.4		4628.4
11/03/2009	37.8	2139	330.8	7.0		4630.3

*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				1/1/2009 to 12/31/2009
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						
02/02/2009	40.5	2570	525.3	7.3		4626.4
05/06/2009	53.9	2672	636.6	7.5		4626.5
08/11/2009	48.2	2663	582.4	7.4		4629.1
11/03/2009	48.4	2680	574.4	7.2		4630.8

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

CHRISTENSEN RANCH PROJECT

Interior Deep Sand Trend Wells

Mine Unit 5 Well I.D. 5DM8T		CHRISTENSEN RANCH INTERIOR DEEP SAND TREND WELL				For time period 1/1/2009 to 12/31/2009
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						
01/13/2009	8.6	590	126.7	8.2		4626.0
04/07/2009	8.5	590	129.8	8.2		4625.7
07/27/2009	8.7	589	125.7	8.1		4628.6
10/19/2009	8.7	589	126.8	8.0		4630.3

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5 Well I.D. 5DM9T		CHRISTENSEN RANCH INTERIOR DEEP SAND TREND WELL				For time period 1/1/2009 to 12/31/2009
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						
01/13/2009	10.3	510	106.9	8.3		4628.2
04/07/2009	10.2	508	107.4	8.4		4628.6
07/27/2009	10.0	508	105.9	8.2		4631.4
10/19/2009	10.5	507	107.6	8.1		4633.0

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Well I.D. M-219			IRIGARY RANCH USMT			For time period 1/1/2009 to 12/31/2009
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						
05/12/2009	10.4	659	94.3	8.3		

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

IRIGARAY PROJECT

USMT – 5I7 Wells

Well I.D. M-220			IRIGARY RANCH USMT			For time period 1/1/2009 to 12/31/2009
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 05/12/2009	13.0	792	122.2	8.0		

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

Well I.D. M-221			IRIGARY RANCH USMT		1/1/2009 to 12/31/2009	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 05/12/2009	10.0	626	86.8	8.3		

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

Well I.D. M-1			IRIGARY RANCH 517		1/1/2009 to 12/31/2009	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 05/12/2009	37.4	834	172.2	7.8		

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

Well I.D. NM-3		IRIGARY RANCH 517				1/1/2009 to 12/31/2009	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 05/12/2009	9.8	636	87.9	8.3			

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Well I.D. M-4		IRIGARY RANCH 517				1/1/2009 to 12/31/2009	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 05/12/2009	27.5	867	143.4	7.9			

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

Well I.D. SM-1		IRIGARY RANCH 517				1/1/2009 to 12/31/2009	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 05/12/2009	26.8	1210	228.7	8.3			

*Values Exceed Upper Control Limit

Negative U308 Grades Indicate Less Than Detection Limit

APPENDIX 3

2009 ALARA Audit

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ANNUAL ALARA AUDIT OF THE 2009 RADIATION PROTECTION PROGRAM URANIUM ONE USA, INC. IRIGARAY AND CHRISTENSEN RANCH OPERATIONS

An audit of the Uranium One USA, Inc. Irigaray and Christensen Ranch Operations radiation protection program to determine compliance with as low as reasonably achievable (ALARA) principles was conducted during February, 2010 with a site visit on February 10, 2010. The audit was completed in fulfillment of the requirements of Section 5.3 of the approved license application and Standard Operating Procedure No. HP-12. The audit was conducted by Mike Griffin, Uranium One Vice President, Safety, Health and Environment\Corporate Social Responsibility with assistance from the Larry Arbogast, Irigaray\Christensen Ranch Radiation Safety Officer (RSO). The areas audited and the overall results are summarized in this report.

1 Status of Recommendations from the 2008 ALARA Audit Report

An audit of the Irigaray and Christensen Ranch operations was conducted in February 2008 with a site visit on February 24, 2009. The status of implementation of the recommendations made in that report were reviewed with the RSO.

1. Continue to emphasize good housekeeping practices as a means to avoid surface contamination problems.

   Status: The site inspection on February 10, 2010 confirmed that good housekeeping practices for the control of surface contamination continue to be employed at Irigaray and Christensen Ranch.

2. Continue to monitor and evaluate any maintenance activities to assure that doses are maintained ALARA. If in doubt the continued issuance of RWPs for such activities is the conservative approach.

   Status: The results of the exposure monitoring program and a review of the radiation work permits issued during 2009 indicate a highly effective program to maintain doses ALARA.

3. Place continuing emphasis on the critical examination of facilities while conducting walk through and other inspections. This will be important once operations commence.

   Status: It was difficult to confirm whether this recommendation was implemented. A review of the inspection records (daily and weekly) did not contain many entries concerning the condition of facilities. However, since the primary purpose of these inspection records is to document and correct problems that could affect radiation and industrial safety, it may be that the condition of facilities was not recorded on the inspection forms.

4. Modify QA/QC aspects of the bioassay program by varying the concentrations of blind spike samples sent to the vendor laboratory. The same concentrations have been used repeatedly for spikes. Also modify the reporting form for the QA spikes to more clearly express the adequacy of the laboratory results.

   Status: The RSO reported that the concentrations of the blind spike samples had been changed from those previously in use in 2008. However, the auditor noted that for all QA/QC samples submitted in 2009, the new spike concentrations of 20 and 50 µg\L U-nat were used. It is likely that the vendor laboratory has determined what concentrations are currently in use. The RSO should consider methods to vary the spike concentrations on a more frequent basis. The QA spike comparison forms were adequate.

5. Provide more detailed documentation of the radiation safety refresher training (typically conducted at quarterly safety meetings) to identify the nature and depth of training conducted.

   Status: As noted in Section 5 below, the records of the quarterly safety meetings do list the radiation safety topics covered at each meeting. However, as discussed in a further recommendation, the RSO should maintain a more detailed synopsis of radiation safety topics covered during these meetings since it is intended to provide the annual refresher training discussed in the approved license application.

6. Prior to startup acquire additional personnel air sampling pumps to assure an adequate supply to cover anticipated activities during an operating scenario.

   Status: The site has acquired one additional breathing zone sampler. The RSO acknowledged that additional samplers will be obtained before operations begin.

7. Additionally, the mechanical integrity testing of the Mine Unit 6 wells should be given high priority to eliminate this compliance deficiency.

Status: At the time of the audit, twelve injection and recovery wells remained in Mine Unit 6 for mechanical integrity testing (MIT). On the day of the site visit, the field MIT unit had broken down and was sent for repairs. Once the truck is back, the RSO estimated that it would take 3 to 4 days to complete testing of injection and recovery wells. Note that none of the monitor wells in Mine Unit 6 have been tested.

2 Employee Dose Records

Employee dose records were reviewed. Of the total 11 employees evaluated, only four employees were assigned any total effective dose (TEDE). All doses were minimal, with the highest TEDE being 0.019 Rem or 0.4% of the 5 Rem annual limit. Of the four individuals assigned a TEDE, virtually the entire dose was external deep dose equivalent (DDE). Assigned internal doses (CEDE) were virtually non-existent, with a maximum CEDE of 0.0001 Rem assigned to two individuals. Doses were consistent with 2008 when the maximum TEDE was 0.005 Rem. These very low doses are consistent with the lack of activity associated with exposure to significant levels of radioactive materials. The types of maintenance and plant renovation tasks accomplished at the non-operating facilities simply did not entail significant exposure. A copy of the individual occupational radiation dose summary for 2009 was provided to each tracked employee in early 2010.

3 Bioassay Results

Bioassays (urine samples) are analyzed on a monthly basis for plant personnel. The results for 2009 showed no employees exceeding the 15 μg/L U-nat action level. In fact, all samples during 2009 were below the analytical laboratory detection level (<5 μg/L) for U-nat. All results were received verbally from the contract laboratory (Energy Laboratories) within 20 days of sample collection as recommended in USNRC Regulatory Guide 8.22. Baseline samples were collected from all employees or contractors who were beginning their employment or contractual duties. Similarly, exit samples were collected from employees or contractors who were ending their employment or contractual duties. Bioassay samples for individuals conducting work activities controlled under radiation work permits (RWPs) were also submitted.

Blind control samples were routinely submitted with the monthly samples to the analytical lab. The laboratory results for the blind control spikes were well within the acceptable range for accuracy (±30%) from Regulatory Guide 8.22 with one exception. The 20 μg/L control sample from August 6, 2009 was measured as 8.8 μg/L, or 44% of the known value. The RSO determined, with confirmation from Energy Laboratories, that the problem was with the preparation of the spike sample. The spike solution was checked in samples submitted on August 26, 2009.

Overall, the bioassay program required pursuant to NRC License Condition No. 10.12 was being followed. There were no exceedances of the administrative or action levels.

4 Inspections

Documented weekly in-plant inspections and daily walk through inspections were made of both plant areas (NRC License Condition 11.5). Daily walk through inspections were performed with the exception of eleven days during 2009, which were holidays and no personnel were present on site. The weekly and daily inspection logs were reviewed and found to be in order. It was noted that the daily and weekly inspections were performed almost exclusively by the radiation/environmental technician. This is allowed by the license application, which states that the daily and weekly inspections will be performed by the RSO or designee. This level of inspection is likely appropriate for the facilities since they are in a standby condition.

Recommendation: It is recommended that when operations are resumed, the RSO perform the weekly inspections whenever possible, which is in line with the guidance in Regulatory Guide 8.31. This will ensure that the senior health physicist on site is routinely inspecting working areas and observing work practices. This will also ensure conformance with License Condition 9.12, which states that the RSO will have the responsibilities identified in Regulatory Guide 8.31. Although the approved license application clearly allows the weekly inspections to be delegated by the RSO, there could be an apparent conflict with License Condition 9.12 since Regulatory Guide 8.31 does not contemplate a designee completing the weekly inspections. At times when the RSO is absent, such as during vacation or illness, the approved application would still allow the inspections to be conducted by a qualified designee.

Weekly pond inspections were also conducted and documented. No problems were noted. Water levels in all ponds were well below maximum permissible levels. No leaks were detected. Additionally, some of the Irigaray ponds had been partially decommissioned, including removal of liners, underdrain and leak detection systems, and any residual contaminated soil.

5 Training

The present RSO has been with the company for over thirty years, serving for 2.5 years as a radiation safety technician and over five years as an environmental technician. He has been in his present position as RSO for 4.5 years. The RSO is current with his refresher training in radiation safety, having attended a one week radiation safety refresher course in November 2009. The radiation/environmental technician also attended a forty hour radiation safety training course in January, 2008.

Training was also provided to employees and contractors pursuant to the company's Radiation Training Manual which is essentially NUREG-1159, "Training Manual for Uranium Mill Workers on Health Protection from Uranium". There were two summer temporary employees during 2009; the new employees were required to read NUREG-1159, and it was the basis for their training session in radiation safety. Task training was typically conducted by supervisors. All training was documented and filed in each employee's personnel file.

The required refresher radiation safety and general industrial safety training was provided to employees during quarterly safety meetings, discussed below.

6 Safety Meetings

Safety meetings were routinely held on a quarterly basis. A review of the documentation for each meeting showed that a range of safety related topics was discussed. Radiation safety topics covered included exposure trends, wellfield and pond area monitoring, use of personal dosimetry, and dust control. The December 8, 2009 meeting included radiation annual refresher training and a written test. It was noted that the summaries of these topics were very brief, typically limited to line items on the agenda. The topics included in the December 8 refresher training were not listed on the meeting agenda.

Recommendation: The RSO should maintain on file a detailed list of radiation safety topics covered at each safety meeting and the topics contained in the annual radiation safety refresher training.

7 Radiological Surveys and Data

A review was made of the various radiological surveys and related items required by NRC License Conditions 9.7, 9.8, 10.9, 10.10, 10.11, 10.18, 11.3, and 11.7. A summary of the survey statistics for the year is provided in Attachment 1 to this report. A review of Attachment 1 and the radiation safety files generated the following comments:

Comment [MG1]: Need to get this from Larry and attach. Reviewed it on February 16.

7.1 Alpha Contamination Swipes

Weekly contamination swipe results at Christensen were very low for the entire year. The highest reading recorded was 25 dpm/100 cm^2 in the plant upstairs office.

Weekly contamination swipes at Irigaray were somewhat higher than at Christensen, but still well below the action level. The highest reading for the year at Irigaray was 68 dpm/100cm^2 in the dry pack change room area.

Most readings at both facilities were in single digits or even non-detectable. No trends were evident at either site.

7.2 Respirator Maintenance and Surveys of Respirators for Alpha Contamination

Documentation of respirator maintenance and surveys to check for removable alpha contamination on respirators were examined and found to be in order. Only one check of respirators for contamination was performed during 2009. The RSO stated that the predominant use of disposable PAPR hoods precluded the need for most routine respirator maintenance and subsequent surveying. See the discussion of the respiratory protection program below.

7.3 Airborne Uranium Surveys

Monthly airborne uranium levels at both Irigaray and Christensen remained low for the entire year. The maximum value recorded at Christensen was 2.8 E-12 pCi/ml (3% of the DAC) during August. No trends were noted. The highest airborne uranium concentration recorded at Irigaray was 7.0 E-12 pCi/ml during August, equivalent to 7% of the DAC. Airborne uranium from RWP work was included in the calculation of the individual CEDE assigned to three employees for 2009. These individuals participated in the majority of the RWPs. In all cases, the internal dose was a small fraction of the total dose.

7.4 Radon Progeny Surveys

Monthly radon daughter levels at both Irigaray and Christensen remained well below action levels for the entire year. Overall, radon progeny contributed 0% to the TEDEs assigned to employees for 2009. The highest measured radon daughter level at both Irigaray and Christensen Ranch was 0.04 WL, 12% of the DAC. No trends in area radon daughter concentration were noted at either site. The average measured levels for 2009 at Irigaray were 0.009 WL while at Christensen Ranch the average was 0.011 WL.

7.5 External Gamma Surveys

Gamma surveys are conducted on a quarterly basis. Should any area exceed the action level of 2 mrem/hr, the area is posted as a radiation area and surveys are conducted monthly. During the last quarter of 2008 one area (adjacent to a tank in the precipitation area) at Irigaray exceeded the action level. Throughout 2009, the location was surveyed monthly and had measured gamma levels ranging from 3.4 to 4.4 mrem/hr. The area was appropriately posted. With the exception of this posted area, the highest external gamma rate at Irigaray was 1.8 mrem/hr near the yellowcake storage cone tank. The highest

gamma rate at Christensen Ranch was 1.6 mrem/hr in the restoration area near the reverse osmosis unit.

7.6 External Beta Surveys

Beta surveys are conducted on an annual basis. These surveys were conducted on December 30, 2009. The maximum beta reading at 30 cm was 1.05 mrem\hr β in the dry pack room, mid level at the dryer unit.

7.7 Radiation Work Permits (RWPs)

A total of 29 RWPs were issued during 2009. All of the RWPs were issued at Irigaray in conjunction with maintenance work and plant refurbishment in preparation for startup. The highest airborne uranium exposure recorded for any of the RWPs was 0.04 DAC-hrs with an overall average of 0.005 DAC-hrs. The maximally exposed individuals (two) from RWPs received a CEDE of 0.1 mrem. The low exposures from work conducted under RWPs reflect both the conservative approach of utilizing RWPs if there is any question about potential exposure resulting from a task, and the lack of maintenance work in locations that would involve exposure to concentrated uranium.

7.8 Personnel Alpha Contamination Surveys

Personnel alpha contamination survey records indicated that personnel are routinely conducting self-monitoring prior to leaving the restricted areas at Irigaray and Christensen. Of the 2009 personnel alpha survey records reviewed, there were only four instances where the limit of 1,000 dpm\100 cm^2 was exceeded. In these cases, the contamination was found on clothing (boots and pants), which were cleaned before the employee left the restricted area.

Recommendation: It was noted during the site inspection and the records review that a significant number of personnel leaving the restricted area record their initials in the column for their name. In many of these cases, the entry is illegible. It is likely that, due to the limited number of people working on site, the RSO can determine the identities from the entries made. However, records of personnel contamination surveys should provide clear documentation of survey results including an unambiguous identity of the individual leaving the restricted area. Staffing levels at Irigaray and Christensen Ranch will increase as the facility is prepared for operations, which will make it more difficult to identify individuals from scribbled initials. It is recommended that the RSO instruct all personnel that they must clearly enter their identity on all radiation survey records.

In addition to routine self-monitoring when leaving the restricted areas, at least 25% of the total employees were spot-checked for alpha contamination by the RSO or RST on a

quarterly basis. No problems were noted. The highest noted contamination levels during spot checks were 583 dpm/100 cm^2 on a workers' boots. According to SOP HP-1, the action level for personnel contamination is 1,000 dpm/100 cm^2. Typically, employees leave their work boots on site at the conclusion of their shift.

Onsite vehicles were also spot checked on a quarterly basis to identify and remove any excessive alpha contamination. No vehicles exceeded the limit of 5,000 dpm/100 cm^2 total alpha activity. The highest direct reading was 750 dpm/100 cm^2 in the cab of a welding truck.

7.9 Equipment Release Surveys

Surveys of equipment prior to release from the restricted areas are well documented, and no problems were apparent. Much of the surveyed material related to the maintenance/rework in the Irigaray plant. Typically, released materials were sent to the onsite metal scrap pile, the dumpster for non-contaminated waste, or to general storage on site. Some equipment was released for shipment to outside contracted repair shops. Additionally, tools and equipment belonging to contractors performing tasks at the facility were also surveyed prior to leaving the site. In all cases, surveys of materials that were released from site indicated total contamination levels that were well below the release limit of 1,000 dpm/100 cm^2 for removable contamination.

7.10 Byproduct Material Shipments

There were 22 shipments of byproduct material sent from Irigaray to Shirley Basin. These shipments were generated by plant maintenance activities and wellfield decommissioning. A total of 14,213 ft^3 (526 CY) of byproduct material consisting of dirt, concrete, pond liner, piping, resin, and other miscellaneous items was disposed. All records appeared to be complete. The disposal agreement with Pathfinder Mines Corporation is current and is not due to expire until the end of 2010.

8 Reports of Overexposures

There were no employee overexposures during the year.

9 Review of Standard Operating Procedures

The last annual review of SOPs was conducted by the RSO in May-June, 2009. No significant changes were made to the SOPs during that review. The SOPs are comprehensive.

10 Instrumentation

Calibration and/or repair records for instrumentation used for radiation surveys were reviewed. The calibration records were found to be in good order, pursuant to License Condition No. 10.13. All radiation detection instrumentation currently is calibrated by an outside vendor, Energy Laboratories, Inc. Performance (function) checks were routinely accomplished on all radiation detection instruments prior to use, and those checks were well documented. Air samplers were calibrated in-house, and those calibrations were all current and documented. Out-of-calibration instruments were isolated to avoid inadvertent use until they were calibrated.

The auditor discussed air sampler calibration with the RSO. Air samplers are currently calibrated using a bubbler tube on a semiannual basis. Types of air samplers typically calibrated include low volume area samplers and breathing zone samplers. The site has recently acquired a number of low volume samplers to support pond radon emission testing required by the EPA. Based on a recommendation in the 2008 ALARA Audit report, the site will also be acquiring additional breathing zone samplers to support the resumption of operations. There are several recommendations related to air sampling.

Recommendation: The auditor recommended that the site consider purchasing a dry cell calibrator for calibration of air samplers. These calibrators are considered a primary calibration source and produce a printout that documents the results of the calibration. They are simple to operate, particularly when compared to a bubbler apparatus, so personnel other than radiation safety staff can be trained in their proper use. The auditor noted than some breathing zone sampler manufacturers recommend calibration before and after each use. Under NRC requirements, calibration of instruments including samplers is required annually or at the manufacturer's recommended frequency, whichever is more frequent. In this case, depending on the types of breathing zone samplers obtained, there may be a future requirement to calibrate these samplers before and after each use. The availability of a simple, reliable calibration device with documented proof of calibration could prove useful.

Recommendation: The dry pack area is fitted with stationary air sampler heads that are used to collect airborne radioactivity data that is used to calculated internal dose. Regulatory Guide 8.25 describes a method to compare the results of sampling performed with fixed air samplers with breathing zone sampler results in order to confirm that fixed-head sampling is representative of the airborne concentrations to which the worker is exposed. It is recommended that upon resumption of dryer operations, adequate breathing zone and fixed-head sampling be conducted to confirm that accurate airborne radioactivity measurements will be used to determine internal exposure.

11 Respiratory Protection Program

The site maintains an approved respiratory protection program, pursuant to Condition 10.18 of the License.

12 Posting of Restricted Areas

Pursuant to Condition 9.11 of the License, buildings and areas containing radioactive materials were properly posted.

13 Conformance with the Conditions of SUA-1341

The license conditions of SUA-1341, Amendment No. 15 dated December 17, 2009 were reviewed to determine the current level of compliance with the license. The radiation safety program was found to be fulfilling the conditions in the license.

14 Conclusions

There are no upward trends in personnel exposures at the Irigaray and Christensen sites. Doses for 2009 were consistent with the very exposure levels experienced in previous years. It is well documented that equipment used for exposure control has been properly used, maintained, and inspected. Recommendations on ways to further reduce personnel exposures and improve the radiation safety program were contained above. It was apparent that appropriate efforts are being expended to assure that employees' exposures at Irigaray and Christensen Ranch are kept ALARA.

WYOMING OPERATIONS

EXPOSURE AND MONITORING DATA 2009

	Action Levels	JANUARY Maximum Values	FEBRUARY Maximum Values	MARCH Maximum Values	APRIL Maximum Values	MAY Maximum Values	JUNE Maximum Values
Employee Urine	15 ug/l	<5 ug/l	<5 ug/l	<5 ug/l	<5 ug/l	<5 ug/l	<5 ug/l
Alpha Contamination Survey							
Irigaray Site	100 dpm/100cm2	23. dpm/100cm2	25.4 dpm/100cm2	27.4 dpm/100cm2	36.1 dpm/100cm2	21.8 dpm/100cm2	23.5 dpm/100cm2
Christensen Ranch		12 dpm/100cm2	15. dpm/100cm2	19.2 dpm/100cm2	23.1 dpm/100cm2	24.6 dpm/100cm2	15.1 dpm /100cm2
Airborne Uranium							
Irigaray Site	1.18 E-10 uCi/ml	2.19 E-12 uCi/ml	3.80 E-12 uCi/ml	1.48 E-12 uCi/ml	1.96 E-12 uCi/ml	4.52 E-12 uCi/ml	3.08 E-12 uCi/ml
Christensen Ranch	1.25 E-10 uCi/ml	7.6 E-13 uCi/ml	8.87 E-13 uCi/ml	4.22 E-13 uCi/ml	8.48 E-13 uCi/ml	6.70 E-13 uCi/ml	2.50 E-12 uCi/ml
Radon Daughters							
Irigaray Site	0.08 Working Level	0.01 Working Level	0.02 Working Level	0.02 Working Level	0.005 Working Level	0.02 Working Level	0.01 Working Level
Christensen Ranch		0.03 Working Level	0.02 Working Level	0.01 Working Level	0.02 Working Level	0.03 Working Level	0.03 Working Level
External Gamma N/D= No Data							
Irigaray Site	> 2.0 mR/hour	3.6 mR/hour	3.8 mR/hour	3.8 mR/hour	4.2 mR/hour	4.0 mR/hour	4.4 mR/hour
Christensen Ranch		1.4 mR/hour	1.4 mR/hour	1.4 mR/hour	1.6 mR/hour	1.6 mR/hour	1.6 mR/hour

	Action Levels	JULY Maximum Values	AUGUST Maximum Values	SEPTEMBER Maximum Values	OCTOBER Maximum Values	NOVEMBER Maximum Values	DECEMBER Maximum Values
Employee Urine	15 ug/l	<5 ug/l	<5 ug/l	<5 ug/l	<5 ug/l	<5 ug/l	<5ug/l
Alpha Contamination Survey							
Irigaray Site	100 dpm/100cm2	27.1 dpm/100cm2	67.9 dpm/100cm2	67.9 dpm/100cm2	38.4 dpm/100cm2	34.5 dpm/100cm2	47.0 dpm/100cm2
Christensen Ranch		13.4 dpm /100cm2	20.6 dpm /100cm2	20.6 dpm /100cm2	19.4 dpm /100cm2	33.4 dpm /100cm2	23.4 dpm /100cm2
Airborne Uranium							
Irigaray Site	1.18 E-10 uCi/ml	1.96 E-12 uCi/ml	7.03 E-12 uCi/ml	1.03 E-12 uCi/ml	2.81 E-12 uCi/ml	2.59 E-12 uCi/ml	3.08 E-12 uCi/ml
Christensen Ranch	1.25 E-10 uCi/ml	5.3 E-13 uCi/ml	2.8 E-12 uCi/ml	1.11 E-12 uCi/ml	6.25 E-13 uCi/ml	1.47 E-12 uCi/ml	1.74 E-12 uCi/ml
Radon Daughters							
Irigaray Site	0.08 Working Level	0.009 Working Level	0.01 Working Level	0.02 Working Level	0.007 Working Level	0.02 Working Level	0.01 Working Level
Christensen Ranch		0.02 Working Level	0.03 Working Level	0.04 Working Level	0.01 Working Level	0.02 Working Level	0.04 Working Level
External Gamma (quarterly) N/D =No Data							
Irigaray Site	>2.0 mrem/hour	3.8 mR/hour	3.6 mR/hour	3.8 mR/hour	4.2 mR/hour	4.2 mR/hour	4.4 mR/hour
Christensen Ranch		1.6 mR/hour	1.2 mR/hour	1.2 mR/hour	1.2 mR/hour	1.4 mR/hour	1.4 mR/hour

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APPENDIX 4

General Location & Environmental Monitoring Maps

THIS PAGE IS AN OVERSIZED DRAWING OR FIGURE,

THAT CAN BE VIEWED AT THE RECORD TITLED:

Irigaray & Christensen Rach Environmental Monitoring Station Location

WITHIN THIS PACKAGE...OR BY SEARCHING USING THE DOCUMENT/REPORT NO.

D-01

THIS PAGE IS AN OVERSIZED DRAWING OR FIGURE,

THAT CAN BE VIEWED AT THE RECORD TITLED:

**"General Location Map
Mine Unit 1 Thru 9,
Permit to Mine No. 478"**

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D-02