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LOST CREEK ISR, LLC

May 14, 2010

Tanya Palmateer Oxenberg, PhD
Project Manager
U.S. Nuclear Regulatory Commission
Mail Stop T8F5
Two White Flint North
11545 Rockville Pike
Rockville, MD 20852-2738

Re: Lost Creek Project, Clarifications to TR
Docket No. 40-9068
TAC No. LU0142

Dear Doctor Oxenberg,

Lost Creek ISR LLC, with this letter, is making some minor clarifications to the Technical Report. Specifically, the following items are being addressed:

1. References on pages 2.7-16 through 2.7-18 were corrected, and the figure and table in question were added to the Technical Report;
2. An incorrect fault type was corrected on page 2.7-17 so it will be consistent with the remainder of the document;
3. The water level for well MB-1 was corrected on Figure 2.7-11a;
4. The measuring point for well HJMP-101, HJMO-101 and HJMU-101 were corrected in the state application. The water levels were also corrected in the tables in the state application;
5. Table 2.7-1a was re-numbered as Table 2.7-2 to match the text on page 2.7-3;
6. The types of fluids that can be disposed of in the Class I UIC wells was clarified;
7. Figure 3.2-7a and its associated text were removed
8. The bond was revised to include a porosity of 26% instead of 25%. This is consistent with the values measured in core samples. Verbiage was also added to the bond assumptions in Table 6.8-1 clarifying that during the first year only half of the first mine unit will be in operation; and
9. An estimate for restoration and reclamation costs under a hypothetical scenario under which restoration and reclamation were deferred until the end of the project was added to Section 6.8.

The overall and section Tables of Contents have been revised to reflect these changes and other incidental changes to figure and table numbers precipitated by the revisions described above.

If you have any questions regarding this submittal, please feel free to contact me at the Casper office.

Regards,

Lost Creek ISR, LLC
By its Manager, Ur-Energy USA Inc.

By: _____
John W. Cash, Director of Regulatory Affairs

Cc: Hal Demuth – Petrotek, Littleton
Nancy Fitzsimmons – Ur-Energy USA Inc., Littleton

NRC TECHNICAL REPORT LOST CREEK PROJECT INDEX SHEET FOR CHANGES			Date: 5/10/2010 Docket No.: 40-9068 TAC No.: LU0142
TR VOLUME NUMBER	**PAGE, MAP OR OTHER PERMIT ENTRY TO BE REMOVED**	**PAGE, MAP OR OTHER PERMIT ENTRY TO BE ADDED**	**DESCRIPTION OF CHANGE**
1 of 4	Pages xiv through xix	Pages xiv through xix	Updated overall Table of Contents.
2 of 4	Pages xiv through xix	Pages xiv through xix	Updated overall Table of Contents.
	Section 2.7 - Hydrology		
	Pages 2.7-i and 2.7-ii	Pages 2.7-i and 2.7-ii	Updated section Table of Contents
	Table 2.7-1b	Table 2.7-2	Table number changed to match Table of Contents, numbering scheme, and existing reference in text.
	Pages 2.7-16 through 2.7-18	Pages 2.7-16 through 2.7-18	Replaced references to Figure 2.7-16 with references to Figure 2.7-16a. Replaced references to Figure D6-16 with references to Figure 2.7-16b. Replaced references to Table 2.7-11 with references to Table 2.7-11a. Replaced references to Table D6-10b with references to Table 2.7-11b. Changed "scissor" fault to "en echelon" fault.
	Figure 2.7-11a	Figure 2.7-11a	Corrected water level at well MB-1
	Figure 2.7-16	Figure 2.7-16a	Figure re-numbered
	--	Figure 2.7-16b	Figure added because existing reference did not refer to a figure in the NRC Technical Report
	Table 2.7-11	Table 2.7-11a	Table re-numbered
	--	Table 2.7-11b	Table added because existing reference did not refer to a figure in the NRC Technical Report
3 of 4	Pages xiv through xix	Pages xiv through xix	Updated overall Table of Contents.
	Section 3.0 (Description of Proposed Facility)		
	Page 3-i	Page 3-i	Updated section Table of Contents
	Figure 3.2-7a	--	Figure removed in response to discussion with NRC personnel.
	Figure 3.2-7b	Figure 3.2-7	Figure re-numbered
	Page 3-15, 3-16	Page 3-15, 3-16	Text removed in response to discussion with NRC personnel.
	Section 4.0 (Effluent Control Systems)		
	Page 4-14	Page 4-14	Replaced reference to Section 4.2.3 with brief description of liquids that will be disposed of in the UIC Class I wells.
	Section 6.0 (Groundwater Quality Restoration, Surface Reclamation, and Facility Decommissioning)		
	Page 6-24	Page 6-24	Updated bond amount to be consistent with updated Table 6.8-1. Added estimate for restoration/reclamation costs under a hypothetical scenario in which retoration and reclamation were deferred until the end of the project
	Table 6.8-1	Table 6.8-1	Updated bond calculations
4 of 4 (Confidential)	Pages xiv through xix	Pages xiv through xix	Updated overall Table of Contents.
NRC Copy of WDEQ Application 3a of 5	Table D6-6	Table D6-6	Corrected measurements for wells HJMO-101, HJMP-101, and HJMU-101. Added additional "MB" wells per WDEQ comment.
	Table D6-9b (page 1 of 4)	Table D6-9b (page 1 of 4)	Corrected measurements for well HJMP-101.

The transmissivity calculated from five wells completed in the HJ aquifer on the north side of the Fault (including the pumping well) were similar, ranging from 30.0 to 75.5 ft^2/d and averaging 68.3 ft^2/d. The average hydraulic conductivity calculated for the five wells, assuming an aquifer thickness of 120 feet, was 0.57 ft/d. Storativity calculated from those wells ranged from 6.6×10^{-5} to 1.5×10^{-4} and averaged 1.1×10^{-4}. **Table 2.7-11a** summarizes the analyses of the pump test. Drawdown at the end of the test in the HJ aquifer is shown on **Figure 2.7-15**. **Figure 2.7-16a** shows the water levels in the HJ monitor wells at the end of the test.

A pair of observation wells was placed on either side of the Fault, within 100 feet of each other. Well HJT104, located on the north side of the Fault, had a maximum drawdown of 40.5 feet at the end of the test. Well HJMP107 (south of the Fault) in the HJ Horizon had a net decrease of 1.4 feet from the beginning of the test to the end of pumping. At least a portion of that change is attributable to a declining trend in water levels that was observed in all monitor wells prior to the start of the test. The reason for the background trend observed has not been identified; however, it might be a result of offset pumping (e.g., LC ISR, LLC's first two water supply wells that are screened over multiple sands).

At the beginning of the test, the water level at HJT104 was at 6,770.68 feet above mean sea level (ft amsl) and the water level at HJMP107 was at 6,754.85 ft amsl, a head difference of almost 15 feet with the higher head north of the Fault. At the end of the pump test, the water levels for HJT104 and HJMP107 were 6,730.14 ft amsl and 6753.47 ft amsl, respectively. The drawdown observed in HJT104 (immediately north of the Fault) was greater than 40 feet, and the water level difference between HJT104 and HJMP107 (across the Fault from each other) was 23 feet with the higher head south of the Fault. Minor responses to pumping were observed across the Fault (e.g., approximately 0.3 to 0.7 feet of drawdown related to pumping in HJMP107 and other wells south of the Fault). Based on the results, the Fault, while not entirely sealing, significantly impedes groundwater flow, even under considerable hydraulic stress.

The response of the overlying and underlying aquifers during the pump tests was small (e.g., on the order of 0.2 to 0.5 feet); but the water level responses did correspond to the start and stop of pumping from LCM19 in the HJ Horizon. The underlying/overlying responses appear to be relatively consistent, regardless of distance from the pumping well, the hydrostratigraphic interval monitored, or the location relative to the Fault. These water level changes suggest potential impacts from off-site pumping or background trends that, because of distance from the monitor wells, are manifested at multiple locations at the same or similar times. As previously stated, a declining trend in water level elevations was observed prior to the start of the test. Most of the wells showed an initial inverted response (increase in water level) at the start of the test and then resumed a gradual downward trend during the test. This phenomenon was also

observed and noted by Hydro-Engineering during the 2006 pump tests. It is possible that some of the response could be caused by: 1) pumping in the drilling water well (LC-1) which is completed in both the DE and FG Horizons; 2) communication across multiple sands due to the en echelon nature of the Fault distant from the pumping well location; or 3) both. Additional discussion regarding the results of the testing are included in **Attachment 2.7-2**.

A second long term pump test was conducted to evaluate aquifer properties on the south side of the Lost Creek Fault using LC16M as the pumping well. A step-rate test was performed on pumping well LC16M October 7, 2007 to determine a suitable pumping rate for the long-term test. The long-term test for LC16M was started at 14:10 hours on October 22, 2007 and was terminated on October 28, 2007 at 01:00 hours when the generator used in the test failed. However, the HJ aquifer had been sufficiently stressed at that point and the pumping portion of the test was terminated. The total duration of the test was 5.5 days (7,850 minutes). The average pumping rate during the test was 37.4 gpm. Maximum drawdown in the pumping well was 69.3 feet. Monitoring was continued after pump shut-in to record recovery from the LC16M test.

The transmissivity calculated from six wells completed in the HJ aquifer on the south side of the Lost Creek Fault (including the pumping well LC16M) were similar, ranging from 56.7 to 110.0 ft^2/d and averaging 77.7 ft^2/d. The average hydraulic conductivity calculated for the six wells, assuming an aquifer thickness of 120 feet, was 0.65 ft/d. Storativity calculated from four of the monitoring wells ranged from 3.5×10^{-5} to 1.4×10^{-4} and averaged 7.3×10^{-5}. Well HJT105 had a calculated storativity of 9.1×10^{-5} which appears anomalously high and was not included in the average. Storativity was not, nor could be, calculated from the pumping well. **Table 2.7-11b** summarizes the analyses of the LC16M pump test. Drawdown near the end of the test in the HJ aquifer is shown on **Figure 2.7-16b**.

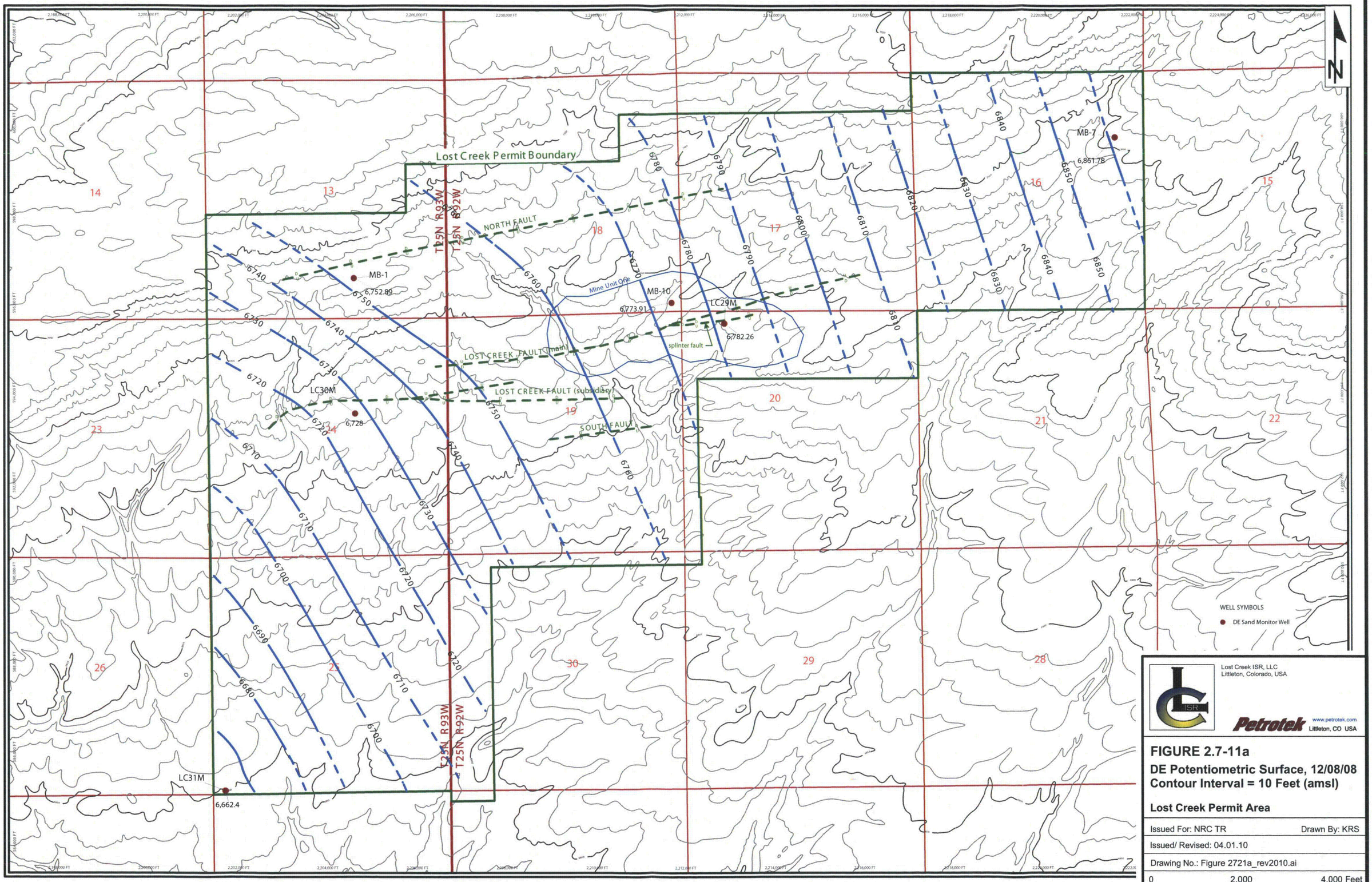
The drawdown resulting from pumping LC16M shows a cone of depression developed around the pumping well that is elongated roughly parallel to the Lost Creek Fault (**Figure 2.7-16b**). There is also drawdown within the HJ aquifer north of the Fault, although it is relatively minor. The same wells located about 100 feet apart and across the Fault from one another, Wells HJMP107 and HJT104, that were evaluated during the LC19M test were evaluated during the LQ16M test. Well HJMP107, located on the same side of the Fault as the pumping well, had nearly 25 feet of drawdown near the end of the test. Well HJT104, located approximately 100 feet north of Well HJMP107 and north of the Fault, had approximately 2.2 feet of drawdown at the end of pumping. The data from the LC16M pump test appear consistent with the LC19M pump test, showing that the Lost Creek Fault, while not impermeable, is a significant barrier to groundwater flow.

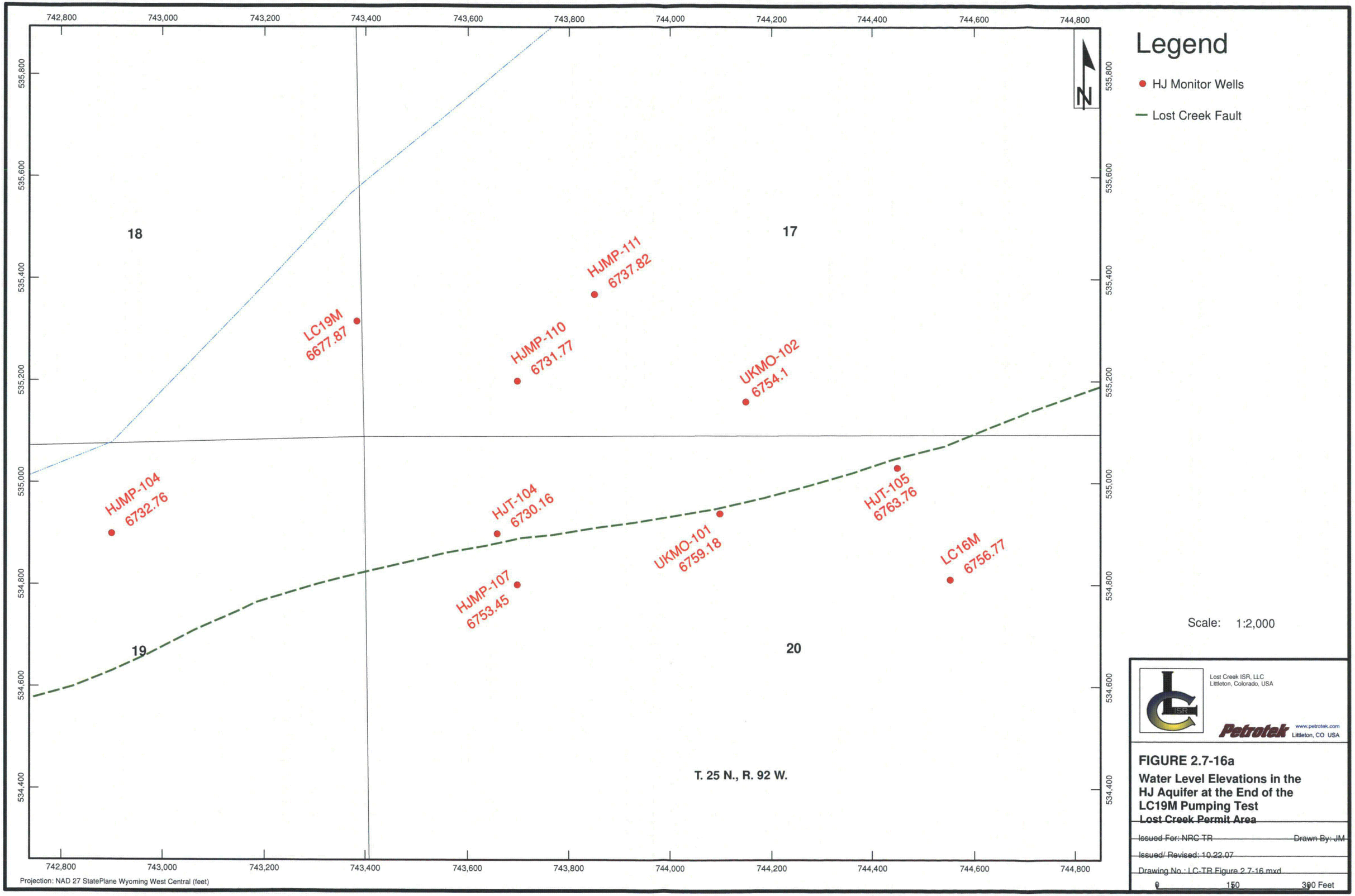
As in the LC19M pump test, the response of the overlying and underlying aquifers during the LC16M pump test was small (e.g., less than one foot in the LFG and less than two feet in the UKM); but the water level responses were coincident with the start and stop of pumping from LC16M (**Figure 2.7-16b**). The response was slightly more pronounced in the UKM and occurred on both sides of the Lost Creek Fault. There were no observation points in the LFG aquifer across the Fault in the LC16M test. Similar to the LC19M pump test, results from the LC16M test indicate limited hydraulic communication between the HJ aquifer and the overlying LFG and underlying UKM aquifers. Additional discussion regarding the results of the testing are included in **Attachment 2.7-3**.

It is noted that detailed mine unit pump tests will be conducted during development of each future mine unit. As such, additional investigations will be performed to assess the background trends observed, characteristics of the Fault and potential communication between the sands monitored for the 2007 test. Based on testing results to date, it is anticipated that any minor communication between the HJ Horizon and the overlying and underlying sands can be managed through operational practices, detailed monitoring, and engineering operations. In this regard, the potential communication observed at Lost Creek is much lower (e.g., five to ten times less) than has been observed in other ISR operations where engineering practices were successfully implemented to isolate lixiviant from overlying and underlying aquifers. **Figure 2.7-17** summarizes the results of the Hydro-Search, Inc. (1982), Hydro-Engineering (2007), and Petrotek Engineering Corporation (2007) pump test results.

The 2007 pump test data support the following conclusions:

- the pump test results provide sufficient aquifer characterization of the HJ Horizon;
- the HJ Horizon has sufficient transmissivity such that mining operations can be conducted consistent with the Operations Plan (see **Section 3.0**);
- the HJ Horizon is sufficiently isolated from the overlying and underlying sands by the Lost Creek and Sage Brush Shales;
- hydraulic continuity of the HJ Horizon has been demonstrated over a large scale (e.g., more than 1,000 feet) such that mine planning (e.g., mine unit and monitor well layout) can proceed;
- hydraulic properties of the Fault have been defined over the test area to an extent such that mine planning can be achieved; and
- testing data to date indicate that the Fault significantly restricts flow in the HJ Horizon.


Lost Creek Permit Boundary
NORTH FAULT
LOST CREEK FAULT (main)
LOST CREEK FAULT (subsidiary)
SOUTH FAULT
splinter fault
Mine Unit One
T25N R93W
T25N R92W
MB-1
6,752.89
MB-10
6,773.91
LC29M
6,782.26
MB-7
6,861.78
LC30M
6,728
LC31M
6,662.4
WELL SYMBOLS
DE Sand Monitor Well
Lost Creek ISR, LLC
Littleton, Colorado, USA
Petrotek
www.petrotek.com
Littleton, CO USA
FIGURE 2.7-11a
DE Potentiometric Surface, 12/08/08
Contour Interval = 10 Feet (amsl)
Lost Creek Permit Area
Issued For: NRC TR
Drawn By: KRS
Issued/ Revised: 04.01.10
Drawing No.: Figure 2721a_rev2010.ai
0
2,000
4,000 Feet


742,800
743,000
743,200
743,400
743,600
743,800
744,000
744,200
744,400
744,600
744,800
535,800
535,600
535,400
535,200
535,000
534,800
534,600
534,400
N
18
17
19
20
LC19M
6677.87
HJMP-111
6737.82
HJMP-110
6731.77
UKMO-102
6754.1
HJMP-104
6732.76
HJT-104
6730.16
HJT-105
6763.76
UKMO-101
6759.18
LC16M
6756.77
HJMP-107
6753.45
T. 25 N., R. 92 W.
Projection: NAD 27 StatePlane Wyoming West Central (feet)
Legend
HJ Monitor Wells
Lost Creek Fault
Scale: 1:2,000
Lost Creek ISR, LLC
Littleton, Colorado, USA
Petrotek
www.petrotek.com
Littleton, CO USA
FIGURE 2.7-16a
Water Level Elevations in the HJ Aquifer at the End of the LC19M Pumping Test
Lost Creek Permit Area
Issued For: NRC TR
Drawn By: JM
Issued/ Revised: 10.22.07
Drawing No.: LC-TR Figure 2.7-16.mxd
0
150
300 Feet

742,500 FT
743,000 FT
743,500 FT
744,000 FT
744,500 FT
745,000 FT
535,500 FT
535,000 FT
534,500 FT

6950
6950

N

UKMO-103 1
HJMP-111 1
LC19M
HJMP-108 0.9
HJMP-106 0.8
HJMP-110 1.2
UKMO-102 1.1
HJMP-103 0.7
HJMP-105 0.7
HJMP-101 0.9
HJT-105 15.6
HJT-104 2.2
UKMO-101 19.1
LC16M 67.9
HJMP-104 0.7
HJMP-102 0.6
HJMP-109 24.9
HJMP-107
23.1
HJMP-113 36.1
HJMP-114 27.8
HJT-102 0.7
HJT-103 13.4
HJT-101 0.9
HJMP-112 23.2

T25N R92W S18
T25N R92W S17
T25N R92W S19
T25N R92W S20

LOST CREEK FAULT U D
LOST CREEK FAULT U D

10
20
30
40
50

Legend

Well Symbols

HJ Horizon

Drawdown Contour

Surface Contour Interval - 10ft.

Lost Creek ISR, LLC
Littleton, Colorado, USA

Petrotek www.petrotek.com Littleton, CO USA

FIGURE 2.7-16b

Drawdown in the HJ Aquifer Near the End of the LC16M Pump Test

Lost Creek Permit Area

Issued For: NRC-TR Drawn By: JM

Issued/ Revised: 05.01.09

Drawing No.: NRC-TR-2.7-16b

0 250 FEET

Table 2.7-11a 2007 LC19M Pump Test Results

Well ID	Type Well	Underreamed interval (feet)	Distance from pumping well (feet)	Same side of fault as pumping well?	Drawdown at End of Pumping	Transmissivity (ft^2/d)				Hydraulic Conductivity (ft/d) [1]
						Theis	Theis Recovery	Average	Storage Coefficient	
LC19M	Pumping	51	0	Yes	93.3	-	56.7	56.7	-	0.47
HJT-104	Prod. Zone Monitor	50	501	Yes	40.5	30.0	56.9	43.5	9.60E-05	0.36
HJMP-104	Prod. Zone Monitor	25	638	Yes	36.5	61.3	56.8	59.1	6.60E-05	0.49
HJMP-110	Prod. Zone Monitor	45	338	Yes	40.5	66.4	63.0	64.7	1.30E-04	0.54
HJMP-111	Prod. Zone Monitor	45	470	Yes	35.6	69.8	64.1	67.0	9.10E-05	0.56
UKMO-102						75.5	76.9	76.2	1.50E-04	0.64
	Average	43	-	-	-	60.6	62.4	61.2	1.07E-04	0.51
HJMP-107	Prod. Zone Monitor	17	606	No	1.4	NA [3]	NA	NA	NA	NA
LC16M	Prod. Zone Monitor	57	1284	No	1.2	NA	NA	NA	NA	NA
LC20M	Underlying Monitor	32	14	Yes	-0.7	NA	NA	NA	NA	NA
UKMP-102	Underlying Monitor	20	785	Yes	1.2	NA	NA	NA	NA	NA
UKMP-101	Underlying Monitor	32	815	No	2.6 [2]	NA	NA	NA	NA	NA
LC18M	Overlying Monitor	42	15	Yes	1.1	NA	NA	NA	NA	NA
LC25M	Overlying Monitor	53	697	No	1.6	NA	NA	NA	NA	NA

[1] Hydraulic Conductivity Calculated from Average Transmissivity and Estimated Aquifer Thickness of 120 feet.

[2] Value shifted abruptly downward 2.7 feet between consecutive measure points one hour prior to end of test.

[3] NA - Not analyzed because of insufficient response

Table 2.7-11b 2007 LC16M Long Term Pump Test Results

Well ID	Type Well	Underreamed interval (feet)	Distance from pumping well (feet)	Same side of fault as pumping well?	Drawdown at End of Pumping	Transmissivity (ft^2/d)				Hydraulic Conductivity (ft/d) [1]
						Theis	Theis Recovery	Average	Storage Coefficient	
LC16M	Pumping	57	Pumping well	Yes	69.3		58.9	58.9	-	4.9E-01
HJMP-107	Prod. Zone Monitor	37	866	Yes	27.4	71.8	56.7	64.3	3.5E-05	5.4E-01
HJMP-113	Prod. Zone Monitor	46	276	Yes	37.7	84.7	57.4	71.1	5.2E-05	5.9E-01
HJMP-114	Prod. Zone Monitor	52	448	Yes	30.0	83.8	60.9	72.4	6.4E-05	6.0E-01
HJT-105	Prod. Zone Monitor	31	236	Yes	17.5	110.0	90.9	100.5	9.1E-04	8.4E-01
UKMO-101	Prod. Zone Monitor	22	479	Yes	21.0	99.1	80.9	90.0	4.1E-04	7.5E-01
HJMP-110	Prod. Zone Monitor	45	936	No	1.9	NA [2]	NA	NA	NA	NA
HJT-104	Prod. Zone Monitor	50	898	No	3.0	NA	NA	NA	NA	NA
UKMO-102	Prod. Zone Monitor	31	466	No	1.6	NA	NA	NA	NA	NA
UKMO-103	Prod. Zone Monitor	21	741	No	1.3	NA	NA	NA	NA	NA
LC17M	Underlying Monitor	36	22	Yes	2.0	NA	NA	NA	NA	NA
LC15M	Overlying Monitor	54	17	Yes	1.0	NA	NA	NA	NA	NA

[1] Hydraulic Conductivity Calculated from Average Transmissivity Saturated thickness of Aquifer (HJ = 120 ft)

[2] NA - Not analyzed because of insufficient response

VOLUME 2 of 4 (continued)

SECTION 2.0 SITE CHARACTERIZATION (continued)
Section 2.7 Hydrology (continued)
Figure 2.7-8 Potentiometric Surface, Tertiary Aquifer System, Great Divide Basin (After Naftz, 1966)
Figure 2.7-9 Location Map, Lost Creek Monitor Wells
Figure 2.7-10 Site Hydrostratigraphic Units
Figure 2.7-11a DE Potentiometric Surface 12/08/08
Figure 2.7-11b LFG Potentiometric Surface, 12/08/08
Figure 2.7-11c Potentiometric Surface, Overlying Aquifer (LFG), August 1982 and October 2006
Figure 2.7-11d HJ Potentiometric Surface, 12/08/08
Figure 2.7-11e Potentiometric Surface, HJ Production Zone, June 2007
Figure 2.7-11f Potentiometric Surface, HJ Production Zone, August 1982 and October 2006
Figure 2.7-11g UKM Potentiometric Surface, 12/08/08
Figure 2.7-11h Potentiometric Surface, Underlying Aquifer (UKM), August 1982 and October 2006
Figure 2.7-12 Location of Well Groups Used to Evaluate Vertical Hydraulic Gradients
Figure 2.7-13 Location of Pump Tests Conducted in 1982 and 2006
Figure 2.7-14 Location of Pump Test and Monitor Wells, 2006
Figure 2.7-15 Drawdown in the HJ Aquifer at the End of the LC19M Pump Test
Figure 2.7-16a Potentiometric Surface in the HJ Aquifer at the End of the LC19M Pump Test
Figure 2.7-16b Drawdown in the HJ Aquifer Near the End of the LC16M Pump Test
Figure 2.7-17 Spatial Distribution of Aquifer Transmissivity
Figure 2.7-18 Location of Historic Site Monitor Wells
Figure 2.7-19 Location of Site Baseline Monitor Wells
Figure 2.7-20a Distribution of TDS, August 1982
Figure 2.7-20b Distribution of Radium-226, August 1982
Figure 2.7-20c Distribution of Uranium, August 1982
Figure 2.7-21a Distribution of Average TDS-September 2006 to May 2007
Figure 2.7-21b Distribution of Average Sulfate-September 2006 to May 2007
Figure 2.7-22a Piper Diagram-Average Water Quality at Individual Monitor Wells
Figure 2.7-22b Piper Diagram-Average Water Quality in Aquifers of Interest
Figure 2.7-23a Distribution of Average Uranium-September 2006 to May 2007

VOLUME 2 of 4 (continued)

SECTION 2.0 SITE CHARACTERIZATION (continued)
Section 2.7 Hydrology (continued)
Figure 2.7-23b Distribution of Average Radium 226+228-September 2006 to May 2007
Section 2.8 Ecology
Figure 2.8-1 Vegetation Map
Figure 2.8-2 Upland Big Sagebrush Shrubland
Figure 2.8-3 Lowland Big Sagebrush Shrubland
Figure 2.8-4 Pronghorn Range
Figure 2.8-5 Mule Deer Range
Figure 2.8-6 Elk Range
Figure 2.8-7 Moose Range
Figure 2.8-8 Sage Grouse Leks
Figure 2.8-9 Raptor Nest Locations
Section 2.9 Background Radiological Characteristics
Figure 2.9-1 Scanning System Equipment and Configuration
Figure 2.9-2 Correlation Grid Sampling Design
Figure 2.9-3 NaI-Based Gamma Survey Results
Figure 2.9-4 NaI Gamma Survey Results and HPIC Measurement Locations
Figure 2.9-5 OHV Re-Scan Results
Figure 2.9-6 Soil Sampling and Gamma Survey Results Overlay
Figure 2.9-7 Ra-226 Soil Concentration and Gamma Exposure Rate Correlation
Figure 2.9-8 Ra-226 and Uranium Soil Concentration Correlation
Figure 2.9-9 Calibration Curves for HPIC versus NaI Detectors
Figure 2.9-10 Three-Foot NaI Detector Height Data
Figure 2.9-11 Three-Foot and 4.5-Foot NaI Detector Height Readings Correlation
Figure 2.9-12 Calculated Three-Foot-HPIC-Equivalent Gamma Exposure Rates
Figure 2.9-13 Kriged Estimates of the Three-Foot-HPIC-Equivalent Gamma Exposure Rates
Figure 2.9-14 Regression Used to Predict Soil Ra-226 Concentrations
Figure 2.9-15 Estimated Soil Ra-226 Concentrations
Figure 2.9-16 Radon and Passive Gamma Sensor Locations
Figure 2.9-17 2009 MILDOS Receptors
Figure 2.9-18 Top 10 Predicted Total Ground Concentration Locations
Figure 2.9-19 Top 10 Predicted Total Ground Concentration Locations Outside Plant Fenceline
Figure 2.9-20 Modeled Isopleths of Ground Concentrations for Year 6
Figure 2.9-21 2008 Vegetation Sampling Locations
Figure 2.9-22 2009 Vegetation and Surface Soils Sampling Locations

VOLUME 2 of 4 (continued)

SECTION 2.0 SITE CHARACTERIZATION (continued)
Section 2.9 Background Radiological Characteristics (continued)
Figure 2.9-23 Soil Profile Sampling Locations
Figure 2.9-24 Sediment Sampling Locations
Figure 2.9-25 Radiological Air Particulate Sampling Locations
Figure 2.9-26 Radon, Passive Gamma, and Radiological Air Particulate Sampling Locations, 2006-09
Figure 2.9-27 Radon, Passive Gamma, and Radiological Air Particulate Sampling Locations, 2010-11

VOLUME 3 of 4

SECTION 3.0 DESCRIPTION OF THE PROPOSED FACILITY
Section 3.1 ISR Process and Equipment
Figure 3.1-1 Regional Map of the Permit Area (repeat of Figure 1.3-1)
Figure 3.1-2 Site Layout (repeat of Figure 2.1-1)
Figure 3.1-3 Lost Creek Project Development, Production, and Restoration Schedule (repeat of Figure 1.7-2)
Section 3.2 Mine Unit Processes, Instrumentation, and Control
Figure 3.2-1 Alkaline Uranium Leach Chemistry in the Aquifer
Figure 3.2-2 Injection Well Construction
Figure 3.2-3 Production Well Construction
Figure 3.2-4 Monitor Well Construction
(For Figures 3.2-5a, 5b, and 5c, requesting NRC confidentiality)
Figure 3.2-5a Header House Schematic Plan Side View
Figure 3.2-5b Header House Schematic Production Side View
Figure 3.2-5c Header House Injection Side View
Figure 3.2-6 Project Water Balance
Figure 3.2-7 Simulated Drawdown in the HJ Horizon within Five Miles of the Lost Creek Permit Area - No Recharge

SECTION 4.0 EFFLUENT CONTROL SYSTEMS
Section 4.1 Gaseous Emissions and Airborne Particulates
Figure 4.1-1 Pourbaix Diagram for Uranium in Non-Complexing Aqueous Media
Figure 4.1-2 Downwind Doses versus Distance from U_3O_8 Spill
Figure 4.1-3 Proposed Plant Ventilation

VOLUME 3 of 4 (continued)

SECTION 5.0 OPERATIONAL ORGANIZATION, MANAGEMENT, PROGRAMS, & TRAINING
Section 5.1 Corporate Organization and Administration
Figure 5.1-1 Lost Creek Project Management Organization Chart
Section 5.7 Radiation Safety Controls and Monitoring
Figure 5.7-1 Locations of In-Plant Radiologic Sampling

SECTION 6.0 GROUNDWATER QUALITY RESTORATION, SURFACE RECLAMATION, AND FACILITY DECOMMISSIONING
Section 6.2 Plans and Schedules for Groundwater Quality Restoration
Figure 6.2-1 Restoration Flow Diagram (repeat of Figure 3.2-6)

SECTION 7.0 ENVIRONMENTAL EFFECTS
Figure 7.2-1 Pathways for Potential Human Exposures
Figure 7.2-2 Locations of Modeled Receptor Points for the Lost Creek Project
Figure 7.2-3a Total Effective Dose Equivalent at Boundary Receptor Points - Preferred Plant Site
Figure 7.2-3b Comparison of MILDOS Results using Meteorological Data from LS and LC Stations
Figure 7.2-4 MILDOS-Calculated Doses to a Hypothetical Worker Located 328 Feet (100 Meters) from the Preferred Plant Site – Averaged over Direction

LIST OF TABLES

VOLUME 1 of 4

SECTION 2.0 SITE CHARACTERIZATION
Section 2.2 Use of Adjacent Lands and Water
Table 2.2-1 Hunting Statistics for Hunt Areas that Include the Permit Area
Table 2.2-2 Groundwater Rights
Table 2.2-3 Cancelled and Abandoned Wells
Table 2.2-4 Domestic and Stock Wells within Five Miles of the Project Area
Section 2.3 Population Distribution and Socioeconomic Conditions
Table 2.3-1 Demographic Information
Table 2.3-2 Population Distribution
Table 2.3-3 Population Forecasts for the Study Area
Table 2.3-4 Labor Force Statistics
Table 2.3-5 Average Rental Rates
Section 2.4 Historic, Scenic, and Cultural Resources
Section 2.4.1 Historic and Cultural Resources
(separate volume – requesting NRC confidentiality)
Section 2.5 Meteorology, Climatology, and Air Quality
Table 2.5-1a Comparison of Temperature Data - LS and Muddy Gap Meteorological Stations
Table 2.5-1b Comparison of Temperature Data - LC, LS, Muddy Gap, Jeffrey City, and Rawlins Meteorological Stations
Table 2.5-2a Monthly Maximum and Minimum Humidity Measured at the LS Meteorological Station
Table 2.5-2b Average Monthly Maximum and Minimum Humidity Measured at the LS and LC Meteorological Stations
Table 2.5-3 Distribution of Pasquill Stability Classes at LS
Table 2.5-4 Primary and Secondary Limits for National Ambient Air Quality Standards
Table 2.5-5 Allowable Increments for Prevention of Significant Deterioration of Air Quality
Table 2.5-6 PM_{10} Concentrations at Lost Creek
Section 2.6 Geology and Soils
Table 2.6-1 Permit Area Stratigraphy
Table 2.6-2 Permit Area Soil Map Units
Table 2.6-3 Permit Area Soil Suitability Ranges
Table 2.6-4 Abandonment Information for Historic Drill Holes

VOLUME 2 of 4

SECTION 2.0 SITE CHARACTERIZATION (continued)
Section 2.7 Hydrology
Table 2.7-1 Peak Flow Regression Equations
Table 2.7-2 Calculated Peak Flows for Three Principle Drainages
Table 2.7-3 Historic Water Quality Results for Battle Spring from the Sweetwater Mill Permit Application
Table 2.7-4 Water Quality Results for Seven Storm Water/Spring Snowmelt Samples Collected on 17 April 2007
Table 2.7-5 Monitor Well Data
Table 2.7-6 Water Level Data
Table 2.7-7 Horizontal Hydraulic Gradients
Table 2.7-8 Vertical Hydraulic Gradients
Table 2.7-9 1982 and 2006 Pump Test Results
Table 2.7-10 2007 LC19M Long-Term Pump Test Monitor Wells
Table 2.7-11a 2007 LC19M Pump Test Results
Table 2.7-11b 2007 LC16M Long-Term Pump Test Results
Table 2.7-12 Baseline Water Quality Monitoring Parameters
Table 2.7-13 Analytical Results of Baseline Monitoring
Table 2.7-14 Distribution of Samples Exceeding EPA MCL for Radium-226+228
Section 2.8 Ecology
Table 2.8-1 Summary of Vegetation Data
Table 2.8-2 Rare Plant Species
Table 2.8-3 Prohibited and Restricted Noxious Weeds
Table 2.8-4 Wildlife Species Observed or Potentially Occurring in the Permit Area
Table 2.8-5 Relative Abundance of Big Game Observations
Table 2.8-6 Sage Grouse Lek Counts
Table 2.8-7 Raptor Nest Locations
Table 2.8-8 T&E Wildlife Species Potentially Occurring in the Permit Area
Table 2.8-9 Wildlife Species of Special Concern
Section 2.9 Background Radiological Characteristics
Table 2.9-1 Soil Sampling and Correlation Grid Results
Table 2.9-2 Gamma Exposure Rate Differences from Two NaI Detector Heights
Table 2.9-3 Analytical Results for Passive Radon and Gamma Sampling
Table 2.9-4 Analytical Results for Radiological Air Particulate (High-Vol) Sampling

TABLE OF CONTENTS

3.0 Description of the Proposed Facility 3-1
3.1 ISR Process and Equipment 3-1
3.1.1 Site Facilities Layout 3-2
3.1.2 Ore Deposits 3-3
3.2 Mine Unit Processes, Instrumentation, and Control 3-3
3.2.1 Mine Unit Chemistry 3-4
3.2.2 Mine Unit Design 3-4
3.2.2.1 Production and Injection Well Patterns 3-5
3.2.2.2 Monitor Well Locations 3-6
3.2.3 Mine Unit Installation 3-7
3.2.4 Well Completion 3-8
3.2.5 Well Integrity Testing 3-9
3.2.6 Mine Unit Piping and Instrumentation 3-10
3.2.7 Mine Unit Control 3-11
3.2.7.1 Header House Control 3-11
3.2.7.2 Pattern Control 3-13
3.2.7.3 Projected Water Balance and Water Level Changes 3-13
3.2.7.4 Excursion Monitoring and Control 3-17
3.2.7.5 Spill Prevention and Detection 3-18
3.3 Plant Processes, Instrumentation, and Control 3-23
3.3.1 Ion Exchange (Resin-Loading) Circuit 3-24
3.3.2 Elution Circuit 3-24
3.3.3 Precipitation/Filtration Circuit 3-25
3.3.4 Major Process Equipment and Instrumentation 3-25

LIST OF FIGURES

Figure 3.1-1 Regional Map of the Permit Area (repeat of Figure 1.3-1)
Figure 3.1-2 Site Layout (repeat of Figure 2.1-1)
Figure 3.1-3 Lost Creek Project Development, Production, and Restoration Schedule (repeat of Figure 1.7-2)
Figure 3.2-1 Alkaline Uranium Leach Chemistry in the Aquifer
Figure 3.2-2 Injection Well Construction
Figure 3.2-3 Production Well Construction
Figure 3.2-4 Monitor Well Construction
Figure 3.2-5a Header House Schematic Plan Side View –CONFIDENTIAL–
Figure 3.2-5b Header House Schematic Production Side View – CONFIDENTIAL–
Figure 3.2-5c Header House Schematic Injection Side View –CONFIDENTIAL–
Figure 3.2-6 Project Water Balance
Figure 3.2-7 Simulated Drawdown in the HJ Horizon within Five Miles of the Lost Creek Permit Area - No Recharge

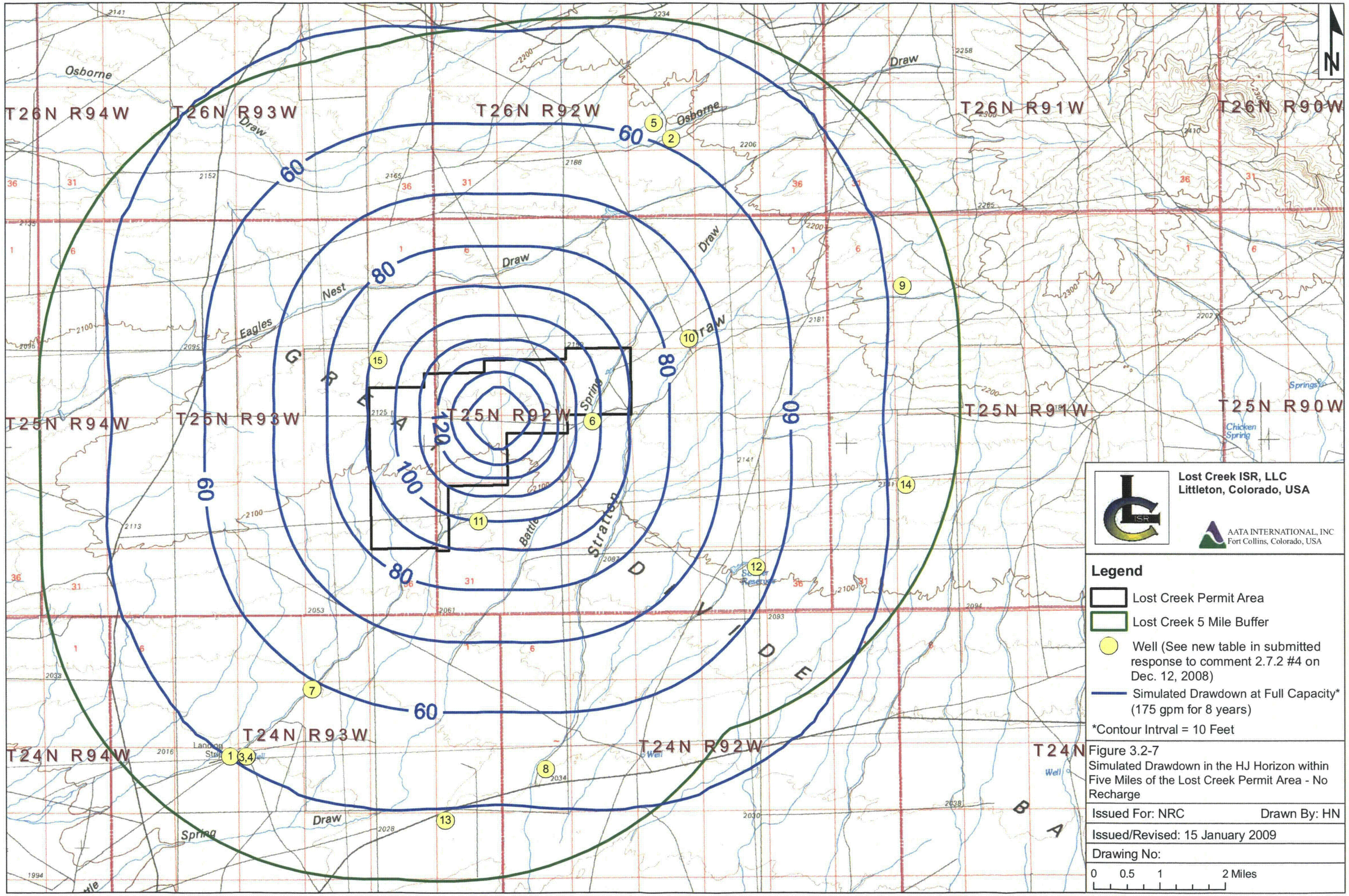


Figure 3.2-7
Simulated Drawdown in the HJ Horizon within Five Miles of the Lost Creek Permit Area - No Recharge

Cumulative Drawdown

As discussed in **Section 2.7** of this report, a regional pump test has been conducted to assess the hydraulic characteristics of the HJ Horizon and overlying and underlying confining units. Pump tests also will be performed for each mine unit in order to demonstrate hydraulic containment above and below the production zone, demonstrate communication between the pattern area and perimeter monitor wells, and to further evaluate the hydrologic properties of the HJ Horizon.

Because the HJ Horizon is a deep confined aquifer, no surface water impacts are expected; and there are no perennial streams in the vicinity of the Permit Area. As discussed in **Section 2.2** of this report, the nearest use of water from the Battle Springs Formation, other than for the Project, is wells located outside the Permit Area. Based on a map measurement, the wells are approximately two to three miles distant from the center of the Permit Area.

Based on a bleed of 0.5 to 1.5 percent, the potential impact from consumptive use of groundwater is expected to be minimal. In this regard, the vast majority (e.g., on the order of 99 percent) of groundwater used in the ISR process will be treated and re-injected (**Figure 3.2-6**). The potential impacts are addressed in more detail in **Section 7.1.5**.

To generally quantify the potential impact of drawdown due to ISR and restoration operations, the following assumptions were used:

- mining/restoration life: eight years;
- average net consumptive use: 174 gpm
  (60 gpm bleed from ISR; 160 gpm from groundwater sweep; 100 gpm from RO);
- location of pumping centroid: center of Section 18;
- observation radius: two and three miles radially from centroid of pumping;
- formation transmissivity 65 ft^2/d (preliminary pump test results);
- formation thickness 120 feet;
- formation hydraulic conductivity 0.54 ft/d;
- formation storativity 1.1×10^{-4} (preliminary pump test results)

The data were used to predict drawdown over time with a Theis semi-steady state analytical solution, which includes the following assumptions.

- The aquifer is confined and has an apparent infinite extent.
- The aquifer is homogeneous and isotropic, and of uniform effective thickness over the area influenced by pumping.

- The piezometric surface is horizontal prior to pumping.
- The well is pumped at a constant rate.
- No recharge to the aquifer occurs.
- The pumping well is fully penetrating.
- The well diameter is small; so well storage is negligible.

Based on these assumptions and results from the Lost Creek Pump Test, the drawdown, after eight years of operation at two-mile and three-mile radial distances from the centroid of pumping, was estimated to be 146 and 114 feet, respectively (**Figure 3.2-7**). This amount of drawdown is approximately 50 percent of the available drawdown in the HJ Sand. While this amounts to a significant portion of the available drawdown, there is little use of groundwater from the HJ Horizon in the immediate vicinity of the Permit Area (**Section 7.1.5**). In addition, the calculated drawdown is extremely conservative because one of the assumptions is that there is no recharge to the aquifer. It is also conservative because this estimate

criteria will be specific conductance, chloride, alkalinity, sodium, and sulphate. If a change is noted in either groundwater content or quality, the ponds will be investigated for damage to the liner. If a leak or damage to the liner is found, use of the damaged pond will be discontinued until repairs have been completed. Any affected water in the monitored zone will be removed and/or treated as necessary.

To help maintain the integrity of the ponds by reducing liner exposure to sun, wind, and freezing temperatures, water will be kept in the ponds at all times by diverting a portion of the water that would normally go to the UIC Class I wells. The exception would be during pond maintenance or repair, at which times the liquid would be piped directly to the UIC Class I wells.

Routine pond inspections and monitoring will be conducted as specified in **Section 5.3.2** of this report. The inspection reports and monitoring results will be maintained on-site and summarized in the Annual Report submitted to NRC and WDEQ-LQD. Any maintenance issues identified during an inspection will be addressed in a timely manner to reduce the chance for damage to the pond integrity or liquid release to the environment.

UIC Class I Wells

Two to five UIC Class I wells are planned in the Permit Area as the primary disposal method for the liquid 11(e)(2) byproduct materials. LC ISR, LLC is preparing the UIC Class I permit application for submittal to WDEQ-WQD, which has primacy in Wyoming for the UIC program. In addition to the liquid 11(e)(2) byproduct materials, other compatible liquid wastes (any liquids approved in the Class I UIC Permit) will be disposed of in the wells. The wells will be monitored in accordance with the requirements of the UIC permit; and an evaluation of the well performance will be included in the Annual Report submitted to NRC and WDEQ.

The number of disposal wells is directly related to the injectivity associated with each. The following maximum disposal requirements are necessary:

Restoration RO:	640 gpm x 25% =	160 gpm
Restoration GWS:	160 gpm x 25% =	40 gpm
Total Stage 1 RO:		200 gpm
		+
Production Bleed:	6,000 gpm x 1% =	60 gpm
Total Before Stage 2 RO:		260 gpm
Final RO:	260 gpm x 50% =	130gpm

VOLUME 2 of 4 (continued)

SECTION 2.0 SITE CHARACTERIZATION (continued)
Section 2.7 Hydrology (continued)
Figure 2.7-8 Potentiometric Surface, Tertiary Aquifer System, Great Divide Basin (After Naftz, 1966)
Figure 2.7-9 Location Map, Lost Creek Monitor Wells
Figure 2.7-10 Site Hydrostratigraphic Units
Figure 2.7-11a DE Potentiometric Surface 12/08/08
Figure 2.7-11b LFG Potentiometric Surface, 12/08/08
Figure 2.7-11c Potentiometric Surface, Overlying Aquifer (LFG), August 1982 and October 2006
Figure 2.7-11d HJ Potentiometric Surface, 12/08/08
Figure 2.7-11e Potentiometric Surface, HJ Production Zone, June 2007
Figure 2.7-11f Potentiometric Surface, HJ Production Zone, August 1982 and October 2006
Figure 2.7-11g UKM Potentiometric Surface, 12/08/08
Figure 2.7-11h Potentiometric Surface, Underlying Aquifer (UKM), August 1982 and October 2006
Figure 2.7-12 Location of Well Groups Used to Evaluate Vertical Hydraulic Gradients
Figure 2.7-13 Location of Pump Tests Conducted in 1982 and 2006
Figure 2.7-14 Location of Pump Test and Monitor Wells, 2006
Figure 2.7-15 Drawdown in the HJ Aquifer at the End of the LC19M Pump Test
Figure 2.7-16a Potentiometric Surface in the HJ Aquifer at the End of the LC19M Pump Test
Figure 2.7-16b Drawdown in the HJ Aquifer Near the End of the LC16M Pump Test
Figure 2.7-17 Spatial Distribution of Aquifer Transmissivity
Figure 2.7-18 Location of Historic Site Monitor Wells
Figure 2.7-19 Location of Site Baseline Monitor Wells
Figure 2.7-20a Distribution of TDS, August 1982
Figure 2.7-20b Distribution of Radium-226, August 1982
Figure 2.7-20c Distribution of Uranium, August 1982
Figure 2.7-21a Distribution of Average TDS-September 2006 to May 2007
Figure 2.7-21b Distribution of Average Sulfate-September 2006 to May 2007
Figure 2.7-22a Piper Diagram-Average Water Quality at Individual Monitor Wells
Figure 2.7-22b Piper Diagram-Average Water Quality in Aquifers of Interest
Figure 2.7-23a Distribution of Average Uranium-September 2006 to May 2007

VOLUME 2 of 4 (continued)

SECTION 2.0 SITE CHARACTERIZATION (continued)
Section 2.7 Hydrology (continued)
Figure 2.7-23b Distribution of Average Radium 226+228-September 2006 to May 2007
Section 2.8 Ecology
Figure 2.8-1 Vegetation Map
Figure 2.8-2 Upland Big Sagebrush Shrubland
Figure 2.8-3 Lowland Big Sagebrush Shrubland
Figure 2.8-4 Pronghorn Range
Figure 2.8-5 Mule Deer Range
Figure 2.8-6 Elk Range
Figure 2.8-7 Moose Range
Figure 2.8-8 Sage Grouse Leks
Figure 2.8-9 Raptor Nest Locations
Section 2.9 Background Radiological Characteristics
Figure 2.9-1 Scanning System Equipment and Configuration
Figure 2.9-2 Correlation Grid Sampling Design
Figure 2.9-3 NaI-Based Gamma Survey Results
Figure 2.9-4 NaI Gamma Survey Results and HPIC Measurement Locations
Figure 2.9-5 OHV Re-Scan Results
Figure 2.9-6 Soil Sampling and Gamma Survey Results Overlay
Figure 2.9-7 Ra-226 Soil Concentration and Gamma Exposure Rate Correlation
Figure 2.9-8 Ra-226 and Uranium Soil Concentration Correlation
Figure 2.9-9 Calibration Curves for HPIC versus NaI Detectors
Figure 2.9-10 Three-Foot NaI Detector Height Data
Figure 2.9-11 Three-Foot and 4.5-Foot NaI Detector Height Readings Correlation
Figure 2.9-12 Calculated Three-Foot-HPIC-Equivalent Gamma Exposure Rates
Figure 2.9-13 Kriged Estimates of the Three-Foot-HPIC-Equivalent Gamma Exposure Rates
Figure 2.9-14 Regression Used to Predict Soil Ra-226 Concentrations
Figure 2.9-15 Estimated Soil Ra-226 Concentrations
Figure 2.9-16 Radon and Passive Gamma Sensor Locations
Figure 2.9-17 2009 MILDOS Receptors
Figure 2.9-18 Top 10 Predicted Total Ground Concentration Locations
Figure 2.9-19 Top 10 Predicted Total Ground Concentration Locations Outside Plant Fenceline
Figure 2.9-20 Modeled Isopleths of Ground Concentrations for Year 6
Figure 2.9-21 2008 Vegetation Sampling Locations
Figure 2.9-22 2009 Vegetation and Surface Soils Sampling Locations

VOLUME 2 of 4 (continued)

SECTION 2.0 SITE CHARACTERIZATION (continued)
Section 2.9 Background Radiological Characteristics (continued)
Figure 2.9-23 Soil Profile Sampling Locations
Figure 2.9-24 Sediment Sampling Locations
Figure 2.9-25 Radiological Air Particulate Sampling Locations
Figure 2.9-26 Radon, Passive Gamma, and Radiological Air Particulate Sampling Locations, 2006-09
Figure 2.9-27 Radon, Passive Gamma, and Radiological Air Particulate Sampling Locations, 2010-11

VOLUME 3 of 4

SECTION 3.0 DESCRIPTION OF THE PROPOSED FACILITY
Section 3.1 ISR Process and Equipment
Figure 3.1-1 Regional Map of the Permit Area (repeat of Figure 1.3-1)
Figure 3.1-2 Site Layout (repeat of Figure 2.1-1)
Figure 3.1-3 Lost Creek Project Development, Production, and Restoration Schedule (repeat of Figure 1.7-2)
Section 3.2 Mine Unit Processes, Instrumentation, and Control
Figure 3.2-1 Alkaline Uranium Leach Chemistry in the Aquifer
Figure 3.2-2 Injection Well Construction
Figure 3.2-3 Production Well Construction
Figure 3.2-4 Monitor Well Construction
(For Figures 3.2-5a, 5b, and 5c, requesting NRC confidentiality)
Figure 3.2-5a Header House Schematic Plan Side View
Figure 3.2-5b Header House Schematic Production Side View
Figure 3.2-5c Header House Injection Side View
Figure 3.2-6 Project Water Balance
Figure 3.2-7 Simulated Drawdown in the HJ Horizon within Five Miles of the Lost Creek Permit Area - No Recharge

SECTION 4.0 EFFLUENT CONTROL SYSTEMS
Section 4.1 Gaseous Emissions and Airborne Particulates
Figure 4.1-1 Pourbaix Diagram for Uranium in Non-Complexing Aqueous Media
Figure 4.1-2 Downwind Doses versus Distance from U_3O_8 Spill
Figure 4.1-3 Proposed Plant Ventilation

VOLUME 3 of 4 (continued)

SECTION 5.0 OPERATIONAL ORGANIZATION, MANAGEMENT, PROGRAMS, & TRAINING
Section 5.1 Corporate Organization and Administration
Figure 5.1-1 Lost Creek Project Management Organization Chart
Section 5.7 Radiation Safety Controls and Monitoring
Figure 5.7-1 Locations of In-Plant Radiologic Sampling

SECTION 6.0 GROUNDWATER QUALITY RESTORATION, SURFACE RECLAMATION, AND FACILITY DECOMMISSIONING
Section 6.2 Plans and Schedules for Groundwater Quality Restoration
Figure 6.2-1 Restoration Flow Diagram (repeat of Figure 3.2-6)

SECTION 7.0 ENVIRONMENTAL EFFECTS
Figure 7.2-1 Pathways for Potential Human Exposures
Figure 7.2-2 Locations of Modeled Receptor Points for the Lost Creek Project
Figure 7.2-3a Total Effective Dose Equivalent at Boundary Receptor Points - Preferred Plant Site
Figure 7.2-3b Comparison of MILDOS Results using Meteorological Data from LS and LC Stations
Figure 7.2-4 MILDOS-Calculated Doses to a Hypothetical Worker Located 328 Feet (100 Meters) from the Preferred Plant Site – Averaged over Direction

LIST OF TABLES

VOLUME 1 of 4

SECTION 2.0 SITE CHARACTERIZATION
Section 2.2 Use of Adjacent Lands and Water
Table 2.2-1 Hunting Statistics for Hunt Areas that Include the Permit Area
Table 2.2-2 Groundwater Rights
Table 2.2-3 Cancelled and Abandoned Wells
Table 2.2-4 Domestic and Stock Wells within Five Miles of the Project Area
Section 2.3 Population Distribution and Socioeconomic Conditions
Table 2.3-1 Demographic Information
Table 2.3-2 Population Distribution
Table 2.3-3 Population Forecasts for the Study Area
Table 2.3-4 Labor Force Statistics
Table 2.3-5 Average Rental Rates
Section 2.4 Historic, Scenic, and Cultural Resources
Section 2.4.1 Historic and Cultural Resources
(separate volume – requesting NRC confidentiality)
Section 2.5 Meteorology, Climatology, and Air Quality
Table 2.5-1a Comparison of Temperature Data - LS and Muddy Gap Meteorological Stations
Table 2.5-1b Comparison of Temperature Data - LC, LS, Muddy Gap, Jeffrey City, and Rawlins Meteorological Stations
Table 2.5-2a Monthly Maximum and Minimum Humidity Measured at the LS Meteorological Station
Table 2.5-2b Average Monthly Maximum and Minimum Humidity Measured at the LS and LC Meteorological Stations
Table 2.5-3 Distribution of Pasquill Stability Classes at LS
Table 2.5-4 Primary and Secondary Limits for National Ambient Air Quality Standards
Table 2.5-5 Allowable Increments for Prevention of Significant Deterioration of Air Quality
Table 2.5-6 PM_{10} Concentrations at Lost Creek
Section 2.6 Geology and Soils
Table 2.6-1 Permit Area Stratigraphy
Table 2.6-2 Permit Area Soil Map Units
Table 2.6-3 Permit Area Soil Suitability Ranges
Table 2.6-4 Abandonment Information for Historic Drill Holes

VOLUME 2 of 4

SECTION 2.0 SITE CHARACTERIZATION (continued)
Section 2.7 Hydrology
Table 2.7-1 Peak Flow Regression Equations
Table 2.7-2 Calculated Peak Flows for Three Principle Drainages
Table 2.7-3 Historic Water Quality Results for Battle Spring from the Sweetwater Mill Permit Application
Table 2.7-4 Water Quality Results for Seven Storm Water/Spring Snowmelt Samples Collected on 17 April 2007
Table 2.7-5 Monitor Well Data
Table 2.7-6 Water Level Data
Table 2.7-7 Horizontal Hydraulic Gradients
Table 2.7-8 Vertical Hydraulic Gradients
Table 2.7-9 1982 and 2006 Pump Test Results
Table 2.7-10 2007 LC19M Long-Term Pump Test Monitor Wells
Table 2.7-11a 2007 LC19M Pump Test Results
Table 2.7-11b 2007 LC16M Long-Term Pump Test Results
Table 2.7-12 Baseline Water Quality Monitoring Parameters
Table 2.7-13 Analytical Results of Baseline Monitoring
Table 2.7-14 Distribution of Samples Exceeding EPA MCL for Radium-226+228
Section 2.8 Ecology
Table 2.8-1 Summary of Vegetation Data
Table 2.8-2 Rare Plant Species
Table 2.8-3 Prohibited and Restricted Noxious Weeds
Table 2.8-4 Wildlife Species Observed or Potentially Occurring in the Permit Area
Table 2.8-5 Relative Abundance of Big Game Observations
Table 2.8-6 Sage Grouse Lek Counts
Table 2.8-7 Raptor Nest Locations
Table 2.8-8 T&E Wildlife Species Potentially Occurring in the Permit Area
Table 2.8-9 Wildlife Species of Special Concern
Section 2.9 Background Radiological Characteristics
Table 2.9-1 Soil Sampling and Correlation Grid Results
Table 2.9-2 Gamma Exposure Rate Differences from Two NaI Detector Heights
Table 2.9-3 Analytical Results for Passive Radon and Gamma Sampling
Table 2.9-4 Analytical Results for Radiological Air Particulate (High-Vol) Sampling

VOLUME 2 of 4 (continued)

SECTION 2.0 SITE CHARACTERIZATION (continued)
Section 2.7 Hydrology (continued)
Figure 2.7-8 Potentiometric Surface, Tertiary Aquifer System, Great Divide Basin (After Naftz, 1966)
Figure 2.7-9 Location Map, Lost Creek Monitor Wells
Figure 2.7-10 Site Hydrostratigraphic Units
Figure 2.7-11a DE Potentiometric Surface 12/08/08
Figure 2.7-11b LFG Potentiometric Surface, 12/08/08
Figure 2.7-11c Potentiometric Surface, Overlying Aquifer (LFG), August 1982 and October 2006
Figure 2.7-11d HJ Potentiometric Surface, 12/08/08
Figure 2.7-11e Potentiometric Surface, HJ Production Zone, June 2007
Figure 2.7-11f Potentiometric Surface, HJ Production Zone, August 1982 and October 2006
Figure 2.7-11g UKM Potentiometric Surface, 12/08/08
Figure 2.7-11h Potentiometric Surface, Underlying Aquifer (UKM), August 1982 and October 2006
Figure 2.7-12 Location of Well Groups Used to Evaluate Vertical Hydraulic Gradients
Figure 2.7-13 Location of Pump Tests Conducted in 1982 and 2006
Figure 2.7-14 Location of Pump Test and Monitor Wells, 2006
Figure 2.7-15 Drawdown in the HJ Aquifer at the End of the LC19M Pump Test
Figure 2.7-16a Potentiometric Surface in the HJ Aquifer at the End of the LC19M Pump Test
Figure 2.7-16b Drawdown in the HJ Aquifer Near the End of the LC16M Pump Test
Figure 2.7-17 Spatial Distribution of Aquifer Transmissivity
Figure 2.7-18 Location of Historic Site Monitor Wells
Figure 2.7-19 Location of Site Baseline Monitor Wells
Figure 2.7-20a Distribution of TDS, August 1982
Figure 2.7-20b Distribution of Radium-226, August 1982
Figure 2.7-20c Distribution of Uranium, August 1982
Figure 2.7-21a Distribution of Average TDS-September 2006 to May 2007
Figure 2.7-21b Distribution of Average Sulfate-September 2006 to May 2007
Figure 2.7-22a Piper Diagram-Average Water Quality at Individual Monitor Wells
Figure 2.7-22b Piper Diagram-Average Water Quality in Aquifers of Interest
Figure 2.7-23a Distribution of Average Uranium-September 2006 to May 2007

VOLUME 2 of 4 (continued)

SECTION 2.0 SITE CHARACTERIZATION (continued)
Section 2.7 Hydrology (continued)
Figure 2.7-23b Distribution of Average Radium 226+228-September 2006 to May 2007
Section 2.8 Ecology
Figure 2.8-1 Vegetation Map
Figure 2.8-2 Upland Big Sagebrush Shrubland
Figure 2.8-3 Lowland Big Sagebrush Shrubland
Figure 2.8-4 Pronghorn Range
Figure 2.8-5 Mule Deer Range
Figure 2.8-6 Elk Range
Figure 2.8-7 Moose Range
Figure 2.8-8 Sage Grouse Leks
Figure 2.8-9 Raptor Nest Locations
Section 2.9 Background Radiological Characteristics
Figure 2.9-1 Scanning System Equipment and Configuration
Figure 2.9-2 Correlation Grid Sampling Design
Figure 2.9-3 NaI-Based Gamma Survey Results
Figure 2.9-4 NaI Gamma Survey Results and HPIC Measurement Locations
Figure 2.9-5 OHV Re-Scan Results
Figure 2.9-6 Soil Sampling and Gamma Survey Results Overlay
Figure 2.9-7 Ra-226 Soil Concentration and Gamma Exposure Rate Correlation
Figure 2.9-8 Ra-226 and Uranium Soil Concentration Correlation
Figure 2.9-9 Calibration Curves for HPIC versus NaI Detectors
Figure 2.9-10 Three-Foot NaI Detector Height Data
Figure 2.9-11 Three-Foot and 4.5-Foot NaI Detector Height Readings Correlation
Figure 2.9-12 Calculated Three-Foot-HPIC-Equivalent Gamma Exposure Rates
Figure 2.9-13 Kriged Estimates of the Three-Foot-HPIC-Equivalent Gamma Exposure Rates
Figure 2.9-14 Regression Used to Predict Soil Ra-226 Concentrations
Figure 2.9-15 Estimated Soil Ra-226 Concentrations
Figure 2.9-16 Radon and Passive Gamma Sensor Locations
Figure 2.9-17 2009 MILDOS Receptors
Figure 2.9-18 Top 10 Predicted Total Ground Concentration Locations
Figure 2.9-19 Top 10 Predicted Total Ground Concentration Locations Outside Plant Fenceline
Figure 2.9-20 Modeled Isopleths of Ground Concentrations for Year 6
Figure 2.9-21 2008 Vegetation Sampling Locations
Figure 2.9-22 2009 Vegetation and Surface Soils Sampling Locations

VOLUME 2 of 4 (continued)

SECTION 2.0 SITE CHARACTERIZATION (continued)
Section 2.9 Background Radiological Characteristics (continued)
Figure 2.9-23 Soil Profile Sampling Locations
Figure 2.9-24 Sediment Sampling Locations
Figure 2.9-25 Radiological Air Particulate Sampling Locations
Figure 2.9-26 Radon, Passive Gamma, and Radiological Air Particulate Sampling Locations, 2006-09
Figure 2.9-27 Radon, Passive Gamma, and Radiological Air Particulate Sampling Locations, 2010-11

VOLUME 3 of 4

SECTION 3.0 DESCRIPTION OF THE PROPOSED FACILITY
Section 3.1 ISR Process and Equipment
Figure 3.1-1 Regional Map of the Permit Area (repeat of Figure 1.3-1)
Figure 3.1-2 Site Layout (repeat of Figure 2.1-1)
Figure 3.1-3 Lost Creek Project Development, Production, and Restoration Schedule (repeat of Figure 1.7-2)
Section 3.2 Mine Unit Processes, Instrumentation, and Control
Figure 3.2-1 Alkaline Uranium Leach Chemistry in the Aquifer
Figure 3.2-2 Injection Well Construction
Figure 3.2-3 Production Well Construction
Figure 3.2-4 Monitor Well Construction
(For Figures 3.2-5a, 5b, and 5c, requesting NRC confidentiality)
Figure 3.2-5a Header House Schematic Plan Side View
Figure 3.2-5b Header House Schematic Production Side View
Figure 3.2-5c Header House Injection Side View
Figure 3.2-6 Project Water Balance
Figure 3.2-7 Simulated Drawdown in the HJ Horizon within Five Miles of the Lost Creek Permit Area - No Recharge

SECTION 4.0 EFFLUENT CONTROL SYSTEMS
Section 4.1 Gaseous Emissions and Airborne Particulates
Figure 4.1-1 Pourbaix Diagram for Uranium in Non-Complexing Aqueous Media
Figure 4.1-2 Downwind Doses versus Distance from U_3O_8 Spill
Figure 4.1-3 Proposed Plant Ventilation

VOLUME 3 of 4 (continued)

SECTION 5.0 OPERATIONAL ORGANIZATION, MANAGEMENT, PROGRAMS, & TRAINING
Section 5.1 Corporate Organization and Administration
Figure 5.1-1 Lost Creek Project Management Organization Chart
Section 5.7 Radiation Safety Controls and Monitoring
Figure 5.7-1 Locations of In-Plant Radiologic Sampling

SECTION 6.0 GROUNDWATER QUALITY RESTORATION, SURFACE RECLAMATION, AND FACILITY DECOMMISSIONING
Section 6.2 Plans and Schedules for Groundwater Quality Restoration
Figure 6.2-1 Restoration Flow Diagram (repeat of Figure 3.2-6)

SECTION 7.0 ENVIRONMENTAL EFFECTS
Figure 7.2-1 Pathways for Potential Human Exposures
Figure 7.2-2 Locations of Modeled Receptor Points for the Lost Creek Project
Figure 7.2-3a Total Effective Dose Equivalent at Boundary Receptor Points - Preferred Plant Site
Figure 7.2-3b Comparison of MILDOS Results using Meteorological Data from LS and LC Stations
Figure 7.2-4 MILDOS-Calculated Doses to a Hypothetical Worker Located 328 Feet (100 Meters) from the Preferred Plant Site – Averaged over Direction

LIST OF TABLES

VOLUME 1 of 4

SECTION 2.0 SITE CHARACTERIZATION
Section 2.2 Use of Adjacent Lands and Water
Table 2.2-1 Hunting Statistics for Hunt Areas that Include the Permit Area
Table 2.2-2 Groundwater Rights
Table 2.2-3 Cancelled and Abandoned Wells
Table 2.2-4 Domestic and Stock Wells within Five Miles of the Project Area
Section 2.3 Population Distribution and Socioeconomic Conditions
Table 2.3-1 Demographic Information
Table 2.3-2 Population Distribution
Table 2.3-3 Population Forecasts for the Study Area
Table 2.3-4 Labor Force Statistics
Table 2.3-5 Average Rental Rates
Section 2.4 Historic, Scenic, and Cultural Resources
Section 2.4.1 Historic and Cultural Resources
(separate volume – requesting NRC confidentiality)
Section 2.5 Meteorology, Climatology, and Air Quality
Table 2.5-1a Comparison of Temperature Data - LS and Muddy Gap Meteorological Stations
Table 2.5-1b Comparison of Temperature Data - LC, LS, Muddy Gap, Jeffrey City, and Rawlins Meteorological Stations
Table 2.5-2a Monthly Maximum and Minimum Humidity Measured at the LS Meteorological Station
Table 2.5-2b Average Monthly Maximum and Minimum Humidity Measured at the LS and LC Meteorological Stations
Table 2.5-3 Distribution of Pasquill Stability Classes at LS
Table 2.5-4 Primary and Secondary Limits for National Ambient Air Quality Standards
Table 2.5-5 Allowable Increments for Prevention of Significant Deterioration of Air Quality
Table 2.5-6 PM_{10} Concentrations at Lost Creek
Section 2.6 Geology and Soils
Table 2.6-1 Permit Area Stratigraphy
Table 2.6-2 Permit Area Soil Map Units
Table 2.6-3 Permit Area Soil Suitability Ranges
Table 2.6-4 Abandonment Information for Historic Drill Holes

VOLUME 2 of 4

SECTION 2.0 SITE CHARACTERIZATION (continued)
Section 2.7 Hydrology
Table 2.7-1 Peak Flow Regression Equations
Table 2.7-2 Calculated Peak Flows for Three Principle Drainages
Table 2.7-3 Historic Water Quality Results for Battle Spring from the Sweetwater Mill Permit Application
Table 2.7-4 Water Quality Results for Seven Storm Water/Spring Snowmelt Samples Collected on 17 April 2007
Table 2.7-5 Monitor Well Data
Table 2.7-6 Water Level Data
Table 2.7-7 Horizontal Hydraulic Gradients
Table 2.7-8 Vertical Hydraulic Gradients
Table 2.7-9 1982 and 2006 Pump Test Results
Table 2.7-10 2007 LC19M Long-Term Pump Test Monitor Wells
Table 2.7-11a 2007 LC19M Pump Test Results
Table 2.7-11b 2007 LC16M Long-Term Pump Test Results
Table 2.7-12 Baseline Water Quality Monitoring Parameters
Table 2.7-13 Analytical Results of Baseline Monitoring
Table 2.7-14 Distribution of Samples Exceeding EPA MCL for Radium-226+228
Section 2.8 Ecology
Table 2.8-1 Summary of Vegetation Data
Table 2.8-2 Rare Plant Species
Table 2.8-3 Prohibited and Restricted Noxious Weeds
Table 2.8-4 Wildlife Species Observed or Potentially Occurring in the Permit Area
Table 2.8-5 Relative Abundance of Big Game Observations
Table 2.8-6 Sage Grouse Lek Counts
Table 2.8-7 Raptor Nest Locations
Table 2.8-8 T&E Wildlife Species Potentially Occurring in the Permit Area
Table 2.8-9 Wildlife Species of Special Concern
Section 2.9 Background Radiological Characteristics
Table 2.9-1 Soil Sampling and Correlation Grid Results
Table 2.9-2 Gamma Exposure Rate Differences from Two NaI Detector Heights
Table 2.9-3 Analytical Results for Passive Radon and Gamma Sampling
Table 2.9-4 Analytical Results for Radiological Air Particulate (High-Vol) Sampling

VOLUME 2 of 4 (continued)

SECTION 2.0 SITE CHARACTERIZATION (continued)
Section 2.7 Hydrology (continued)
Figure 2.7-8 Potentiometric Surface, Tertiary Aquifer System, Great Divide Basin (After Naftz, 1966)
Figure 2.7-9 Location Map, Lost Creek Monitor Wells
Figure 2.7-10 Site Hydrostratigraphic Units
Figure 2.7-11a DE Potentiometric Surface 12/08/08
Figure 2.7-11b LFG Potentiometric Surface, 12/08/08
Figure 2.7-11c Potentiometric Surface, Overlying Aquifer (LFG), August 1982 and October 2006
Figure 2.7-11d HJ Potentiometric Surface, 12/08/08
Figure 2.7-11e Potentiometric Surface, HJ Production Zone, June 2007
Figure 2.7-11f Potentiometric Surface, HJ Production Zone, August 1982 and October 2006
Figure 2.7-11g UKM Potentiometric Surface, 12/08/08
Figure 2.7-11h Potentiometric Surface, Underlying Aquifer (UKM), August 1982 and October 2006
Figure 2.7-12 Location of Well Groups Used to Evaluate Vertical Hydraulic Gradients
Figure 2.7-13 Location of Pump Tests Conducted in 1982 and 2006
Figure 2.7-14 Location of Pump Test and Monitor Wells, 2006
Figure 2.7-15 Drawdown in the HJ Aquifer at the End of the LC19M Pump Test
Figure 2.7-16a Potentiometric Surface in the HJ Aquifer at the End of the LC19M Pump Test
Figure 2.7-16b Drawdown in the HJ Aquifer Near the End of the LC16M Pump Test
Figure 2.7-17 Spatial Distribution of Aquifer Transmissivity
Figure 2.7-18 Location of Historic Site Monitor Wells
Figure 2.7-19 Location of Site Baseline Monitor Wells
Figure 2.7-20a Distribution of TDS, August 1982
Figure 2.7-20b Distribution of Radium-226, August 1982
Figure 2.7-20c Distribution of Uranium, August 1982
Figure 2.7-21a Distribution of Average TDS-September 2006 to May 2007
Figure 2.7-21b Distribution of Average Sulfate-September 2006 to May 2007
Figure 2.7-22a Piper Diagram-Average Water Quality at Individual Monitor Wells
Figure 2.7-22b Piper Diagram-Average Water Quality in Aquifers of Interest
Figure 2.7-23a Distribution of Average Uranium-September 2006 to May 2007

VOLUME 2 of 4 (continued)

SECTION 2.0 SITE CHARACTERIZATION (continued)
Section 2.7 Hydrology (continued)
Figure 2.7-23b Distribution of Average Radium 226+228-September 2006 to May 2007
Section 2.8 Ecology
Figure 2.8-1 Vegetation Map
Figure 2.8-2 Upland Big Sagebrush Shrubland
Figure 2.8-3 Lowland Big Sagebrush Shrubland
Figure 2.8-4 Pronghorn Range
Figure 2.8-5 Mule Deer Range
Figure 2.8-6 Elk Range
Figure 2.8-7 Moose Range
Figure 2.8-8 Sage Grouse Leks
Figure 2.8-9 Raptor Nest Locations
Section 2.9 Background Radiological Characteristics
Figure 2.9-1 Scanning System Equipment and Configuration
Figure 2.9-2 Correlation Grid Sampling Design
Figure 2.9-3 NaI-Based Gamma Survey Results
Figure 2.9-4 NaI Gamma Survey Results and HPIC Measurement Locations
Figure 2.9-5 OHV Re-Scan Results
Figure 2.9-6 Soil Sampling and Gamma Survey Results Overlay
Figure 2.9-7 Ra-226 Soil Concentration and Gamma Exposure Rate Correlation
Figure 2.9-8 Ra-226 and Uranium Soil Concentration Correlation
Figure 2.9-9 Calibration Curves for HPIC versus NaI Detectors
Figure 2.9-10 Three-Foot NaI Detector Height Data
Figure 2.9-11 Three-Foot and 4.5-Foot NaI Detector Height Readings Correlation
Figure 2.9-12 Calculated Three-Foot-HPIC-Equivalent Gamma Exposure Rates
Figure 2.9-13 Kriged Estimates of the Three-Foot-HPIC-Equivalent Gamma Exposure Rates
Figure 2.9-14 Regression Used to Predict Soil Ra-226 Concentrations
Figure 2.9-15 Estimated Soil Ra-226 Concentrations
Figure 2.9-16 Radon and Passive Gamma Sensor Locations
Figure 2.9-17 2009 MILDOS Receptors
Figure 2.9-18 Top 10 Predicted Total Ground Concentration Locations
Figure 2.9-19 Top 10 Predicted Total Ground Concentration Locations Outside Plant Fenceline
Figure 2.9-20 Modeled Isopleths of Ground Concentrations for Year 6
Figure 2.9-21 2008 Vegetation Sampling Locations
Figure 2.9-22 2009 Vegetation and Surface Soils Sampling Locations

VOLUME 2 of 4 (continued)

SECTION 2.0 SITE CHARACTERIZATION (continued)
Section 2.9 Background Radiological Characteristics (continued)
Figure 2.9-23 Soil Profile Sampling Locations
Figure 2.9-24 Sediment Sampling Locations
Figure 2.9-25 Radiological Air Particulate Sampling Locations
Figure 2.9-26 Radon, Passive Gamma, and Radiological Air Particulate Sampling Locations, 2006-09
Figure 2.9-27 Radon, Passive Gamma, and Radiological Air Particulate Sampling Locations, 2010-11

VOLUME 3 of 4

SECTION 3.0 DESCRIPTION OF THE PROPOSED FACILITY
Section 3.1 ISR Process and Equipment
Figure 3.1-1 Regional Map of the Permit Area (repeat of Figure 1.3-1)
Figure 3.1-2 Site Layout (repeat of Figure 2.1-1)
Figure 3.1-3 Lost Creek Project Development, Production, and Restoration Schedule (repeat of Figure 1.7-2)
Section 3.2 Mine Unit Processes, Instrumentation, and Control
Figure 3.2-1 Alkaline Uranium Leach Chemistry in the Aquifer
Figure 3.2-2 Injection Well Construction
Figure 3.2-3 Production Well Construction
Figure 3.2-4 Monitor Well Construction
(For Figures 3.2-5a, 5b, and 5c, requesting NRC confidentiality)
Figure 3.2-5a Header House Schematic Plan Side View
Figure 3.2-5b Header House Schematic Production Side View
Figure 3.2-5c Header House Injection Side View
Figure 3.2-6 Project Water Balance
Figure 3.2-7 Simulated Drawdown in the HJ Horizon within Five Miles of the Lost Creek Permit Area - No Recharge

SECTION 4.0 EFFLUENT CONTROL SYSTEMS
Section 4.1 Gaseous Emissions and Airborne Particulates
Figure 4.1-1 Pourbaix Diagram for Uranium in Non-Complexing Aqueous Media
Figure 4.1-2 Downwind Doses versus Distance from U_3O_8 Spill
Figure 4.1-3 Proposed Plant Ventilation

VOLUME 3 of 4 (continued)

SECTION 5.0 OPERATIONAL ORGANIZATION, MANAGEMENT, PROGRAMS, & TRAINING
Section 5.1 Corporate Organization and Administration
Figure 5.1-1 Lost Creek Project Management Organization Chart
Section 5.7 Radiation Safety Controls and Monitoring
Figure 5.7-1 Locations of In-Plant Radiologic Sampling

SECTION 6.0 GROUNDWATER QUALITY RESTORATION, SURFACE RECLAMATION, AND FACILITY DECOMMISSIONING
Section 6.2 Plans and Schedules for Groundwater Quality Restoration
Figure 6.2-1 Restoration Flow Diagram (repeat of Figure 3.2-6)

SECTION 7.0 ENVIRONMENTAL EFFECTS
Figure 7.2-1 Pathways for Potential Human Exposures
Figure 7.2-2 Locations of Modeled Receptor Points for the Lost Creek Project
Figure 7.2-3a Total Effective Dose Equivalent at Boundary Receptor Points - Preferred Plant Site
Figure 7.2-3b Comparison of MILDOS Results using Meteorological Data from LS and LC Stations
Figure 7.2-4 MILDOS-Calculated Doses to a Hypothetical Worker Located 328 Feet (100 Meters) from the Preferred Plant Site – Averaged over Direction

LIST OF TABLES

VOLUME 1 of 4

SECTION 2.0 SITE CHARACTERIZATION
Section 2.2 Use of Adjacent Lands and Water
Table 2.2-1 Hunting Statistics for Hunt Areas that Include the Permit Area
Table 2.2-2 Groundwater Rights
Table 2.2-3 Cancelled and Abandoned Wells
Table 2.2-4 Domestic and Stock Wells within Five Miles of the Project Area
Section 2.3 Population Distribution and Socioeconomic Conditions
Table 2.3-1 Demographic Information
Table 2.3-2 Population Distribution
Table 2.3-3 Population Forecasts for the Study Area
Table 2.3-4 Labor Force Statistics
Table 2.3-5 Average Rental Rates
Section 2.4 Historic, Scenic, and Cultural Resources
Section 2.4.1 Historic and Cultural Resources
(separate volume – requesting NRC confidentiality)
Section 2.5 Meteorology, Climatology, and Air Quality
Table 2.5-1a Comparison of Temperature Data - LS and Muddy Gap Meteorological Stations
Table 2.5-1b Comparison of Temperature Data - LC, LS, Muddy Gap, Jeffrey City, and Rawlins Meteorological Stations
Table 2.5-2a Monthly Maximum and Minimum Humidity Measured at the LS Meteorological Station
Table 2.5-2b Average Monthly Maximum and Minimum Humidity Measured at the LS and LC Meteorological Stations
Table 2.5-3 Distribution of Pasquill Stability Classes at LS
Table 2.5-4 Primary and Secondary Limits for National Ambient Air Quality Standards
Table 2.5-5 Allowable Increments for Prevention of Significant Deterioration of Air Quality
Table 2.5-6 PM_{10} Concentrations at Lost Creek
Section 2.6 Geology and Soils
Table 2.6-1 Permit Area Stratigraphy
Table 2.6-2 Permit Area Soil Map Units
Table 2.6-3 Permit Area Soil Suitability Ranges
Table 2.6-4 Abandonment Information for Historic Drill Holes

VOLUME 2 of 4

SECTION 2.0 SITE CHARACTERIZATION (continued)
Section 2.7 Hydrology
Table 2.7-1 Peak Flow Regression Equations
Table 2.7-2 Calculated Peak Flows for Three Principle Drainages
Table 2.7-3 Historic Water Quality Results for Battle Spring from the Sweetwater Mill Permit Application
Table 2.7-4 Water Quality Results for Seven Storm Water/Spring Snowmelt Samples Collected on 17 April 2007
Table 2.7-5 Monitor Well Data
Table 2.7-6 Water Level Data
Table 2.7-7 Horizontal Hydraulic Gradients
Table 2.7-8 Vertical Hydraulic Gradients
Table 2.7-9 1982 and 2006 Pump Test Results
Table 2.7-10 2007 LC19M Long-Term Pump Test Monitor Wells
Table 2.7-11a 2007 LC19M Pump Test Results
Table 2.7-11b 2007 LC16M Long-Term Pump Test Results
Table 2.7-12 Baseline Water Quality Monitoring Parameters
Table 2.7-13 Analytical Results of Baseline Monitoring
Table 2.7-14 Distribution of Samples Exceeding EPA MCL for Radium-226+228
Section 2.8 Ecology
Table 2.8-1 Summary of Vegetation Data
Table 2.8-2 Rare Plant Species
Table 2.8-3 Prohibited and Restricted Noxious Weeds
Table 2.8-4 Wildlife Species Observed or Potentially Occurring in the Permit Area
Table 2.8-5 Relative Abundance of Big Game Observations
Table 2.8-6 Sage Grouse Lek Counts
Table 2.8-7 Raptor Nest Locations
Table 2.8-8 T&E Wildlife Species Potentially Occurring in the Permit Area
Table 2.8-9 Wildlife Species of Special Concern
Section 2.9 Background Radiological Characteristics
Table 2.9-1 Soil Sampling and Correlation Grid Results
Table 2.9-2 Gamma Exposure Rate Differences from Two NaI Detector Heights
Table 2.9-3 Analytical Results for Passive Radon and Gamma Sampling
Table 2.9-4 Analytical Results for Radiological Air Particulate (High-Vol) Sampling

TABLE OF CONTENTS

2.7 Hydrology 2.7-1
2.7.1 Surface Water 2.7-1
2.7.1.1 Drainage Characteristics 2.7-1
2.7.1.2 Surface Water Quality 2.7-3
2.7.2 Groundwater Occurrence 2.7-4
2.7.2.1 Regional Hydrogeology 2.7-5
2.7.2.2 Site Hydrogeology 2.7-9
2.7.3 Groundwater Quality 2.7-19
2.7.3.1 Regional Groundwater Quality 2.7-19
2.7.3.2 Site Groundwater Quality 2.7-21
2.7.4 Hydrologic Conceptual Model 2.7-24
2.7.4.1 Regional Groundwater Conceptual Model 2.7-25
2.7.4.2 Site Groundwater Conceptual Model 2.7-26

LIST OF FIGURES

Figure 2.7-1 Surface Drainage Map for the Lost Creek Permit Area
Figure 2.7-2 Longitudinal Profile along Battle Spring Draw from the Northern Boundary
Figure 2.7-3 Photo of Crooked Well Reservoir Taken During Spring Snowmelt Runoff Looking West.
Figure 2.7-4 Storm Water Sampler Installed to Collect a One-Liter Sample of Snowmelt or Storm Surface Runoff
Figure 2.7-5 Locations of Storm Water and Snowmelt Samplers
Figure 2.7-6 Potentiometric Surface, Wasatch/Battle Spring Aquifers, Great Divide Basin (After Welder and McGreevey, 1966)
Figure 2.7-7 Regional Hydrostratigraphic Units of Interest, Great Divide Basin
Figure 2.7-8 Potentiometric Surface, Tertiary Aquifer System, Great Divide Basin (After Naftz, 1966)
Figure 2.7-9 Location Map, Lost Creek Monitor Wells
Figure 2.7-10 Site Hydrostratigraphic Units
Figure 2.7-11a DE Potentiometric Surface 12/08/08
Figure 2.7-11b LFG Potentiometric Surface, 12/08/08
Figure 2.7-11c Potentiometric Surface, Overlying Aquifer (LFG), August 1982 and October 2006
Figure 2.7-11d HJ Potentiometric Surface, 12/08/08
Figure 2.7-11e Potentiometric Surface, HJ Production Zone, June 2007
Figure 2.7-11f Potentiometric Surface, HJ Production Zone, August 1982 and October 2006
Figure 2.7-11g UKM Potentiometric Surface, 12/08/08
Figure 2.7-11h Potentiometric Surface, Underlying Aquifer (UKM), August 1982 and October 2006
Figure 2.7-12 Location of Well Groups Used to Evaluate Vertical Hydraulic Gradients
Figure 2.7-13 Location of Pump Tests Conducted in 1982 and 2006
Figure 2.7-14 Location of Pump Test and Monitor Wells, 2006

Figure 2.7-15 Drawdown in the HJ Aquifer at the End of the LC19M Pump Test
Figure 2.7-16a Potentiometric Surface in the HJ Aquifer at the End of the LC19M Pump Test
Figure 2.7-16b Drawdown in the HJ Aquifer Near the End of the LC16M Pump Test
Figure 2.7-17 Spatial Distribution of Aquifer Transmissivity
Figure 2.7-18 Location of Historic Site Monitor Wells
Figure 2.7-19 Location of Site Baseline Monitor Wells
Figure 2.7-20a Distribution of TDS, August 1982
Figure 2.7-20b Distribution of Radium-226, August 1982
Figure 2.7-20c Distribution of Uranium, August 1982
Figure 2.7-21a Distribution of Average TDS-September 2006 to May 2007
Figure 2.7-21b Distribution of Average Sulfate-September 2006 to May 2007
Figure 2.7-22a Piper Diagram-Average Water Quality at Individual Monitor Wells
Figure 2.7-22b Piper Diagram-Average Water Quality in Aquifers of Interest
Figure 2.7-23a Distribution of Average Uranium-September 2006 to May 2007
Figure 2.7-23b Distribution of Average Radium 226+228-September 2006 to May 2007

LIST OF TABLES

Table 2.7-1 Peak Flow Regression Equations
Table 2.7-2 Calculated Peak Flows for Three Principle Drainages
Table 2.7-3 Historic Water Quality Results for Battle Spring from the Sweetwater Mill Permit Application
Table 2.7-4 Water Quality Results for Seven Storm Water/Spring Snowmelt Samples Collected on 17 April 2007
Table 2.7-5 Monitor Well Data
Table 2.7-6 Water Level Data
Table 2.7-7 Horizontal Hydraulic Gradients
Table 2.7-8 Vertical Hydraulic Gradients
Table 2.7-9 1982 and 2006 Pump Test Results
Table 2.7-10 2007 LC19M Long-Term Pump Test Monitor Wells
Table 2.7-11a 2007 LC19M Pump Test Results
Table 2.7-11b 2007 LC16M Long-Term Pump Test Results
Table 2.7-12 Baseline Water Quality Monitoring Parameters
Table 2.7-13 Analytical Results of Baseline Monitoring
Table 2.7-14 Distribution of Samples Exceeding EPA MCL for Radium-226+228

ATTACHMENTS

Attachment 2.7-1 Evaluation of Lost Creek Pump Tests - 2006 (electronic copy)
Attachment 2.7-2 Evaluation of Lost Creek Pump Test - LC19M - October 2007
Attachment 2.7-3 Evaluation of Lost Creek Pump Test - LC16M - December 2007 (electronic copy)

Table 2.7-2 Calculated Peak Flows for Three Principal Drainages

Watershed	Drainage Area (mi2)	Latitude (dec. deg)	2-Year (cfs)	5-Year (cfs)	10-Year (cfs)	25-Year (cfs)	50-Year (cfs)	100-Year (cfs)
Western Draw	2.9	42.1	16.9	45.0	73.9	123.0	169.3	224.6
West Battle Spring Draw	7.0	42.1	28.7	73.7	118.6	193.2	262.3	343.6
East Battle Spring Draw	5.1	42.1	23.6	61.3	99.5	163.3	222.8	293.3

substantial, if not all, of the requirements will be in some form of cash, whether it is used to secure letters of credit, secure some form of self-funding, purchase securities or make a cash deposit.

The surety estimate for the Project, including surface reclamation of all the facilities and groundwater restoration of the first year of activity, is $6,772,488 based on current US dollars. Restoration costs for additional mine units will be added to the surety as the mine units are brought online. The bond calculation will be updated annually to reflect proposed installations, construction and operations for the upcoming year. A detailed description of this surety estimate is provided in **Table 6.8-1**. The table includes a summary page and a series of worksheets with itemized costs for the reclamation and restoration activities. Each worksheet covers a particular task or associated tasks, such as Building Demolition. Worksheets are provided for:

- Groundwater Restoration,
- Building Demolition (including disposal),
- Pond Reclamation (including disposal of pond materials),
- Well Abandonment,
- Mine Unit Equipment, and
- Topsoil and Revegetation;

along with two worksheets, which provide information on quantities and weights of equipment for the demolition calculations. The Surety will be updated at least 90 days prior to initiating any major construction not previously covered in the bond.

As demonstrated in the facility schedule (**Figure 1.7-2**) and restoration and reclamation plan, it is LC ISR, LLC's intent to restore groundwater and perform surface reclamation as quickly as possible after the cessation of mining in each mine unit. This practice will help minimize impacts to the environment, environmental liability, and surety costs. Under a hypothetical scenario in which restoration and surface reclamation were deferred until the end of the project, the cost of restoring the affected groundwater in all six mine units would be approximately $25 million. The cost of subsurface and surface reclamation, inclusive of groundwater restoration and removal of contaminated soil, would total approximately $39 million, again assuming no reclamation work is performed until the end of the project. These figures are highly speculative since the precise size of mine units and many other factors are not known.

Table 6.8-1 Surety Estimate (Page 1 of 1) (Revised 5/10/2010)

LOST CREEK ISR, LLC SUMMARY OF RECLAMATION/RESTORATION BOND ESTIMATE

I	GROUNDWATER RESTORATION - Worksheet 1	$3,686,354
II	DECOMMISSIONING AND SURFACE RECLAMATION	$1,348,953
A.	Plant Equipment Removal and Disposal - Worksheet 2	$73,724
B.	Plant Building Demolition and Disposal - Worksheet 3	$441,787
C..	Storage Pond Sludge and Liner Handling - Worksheet 4	$271,003
D.	Well Abandonment - Worksheet 5	$217,514
E.	Wellfield Equipment Removal and Disposal - Worksheet 6	$182,693
F.	Topsoil Replacement and Revegetation - Worksheet 7	$91,571
G.	Miscellaneous Reclamation Activities - Worksheet 8	$70,662
SUBTOTAL RESTORATION AND RECLAMATION		**$5,035,307**
III	TOTAL CONTINGENCY	$1,737,181

Miscellaneous Costs Associated with Third Party Contractors			
Project Design	2%	=	$100,706
Contractor Profit & Mobilization	8%	=	$402,825
Pre-Construction Investigation	1%	=	$50,353
Project Management	5%	=	$251,765
On-Site Monitoring	0.5%	=	$25,177
Site Security & Liability Assurance	1%	=	$50,353
Longterm Administration	2%	=	$100,706
Contingency	15%	=	$755,296

TOTAL RESTORATION AND RECLAMATION	**$6,772,488**

Table 6.8-1 Surety Estimate (Page 2 of 47) (Revised 5/10/2010)

LOST CREEK ISR, LLC GROUNDWATER RESTORATION - WORKSHEET 1

Assumptions/Items	Mine Unit No. 1	Explanation	Source
Technical Assumptions:			
Wellfield Area (Square Feet)	1,057,797	Proposed area for Year 1 installation. Only 6 header houses plann-	Data
Wellfield Area (Acres)	24.28	ed for the first year of Operations	Calculated
Affected Ore Zone Area (Square Feet)	1,057,797	Proposed area affected	Data
Average Completed Thickness (Feet)	12.0	Proposed thickness	Data
Affected Volume:			
Factor For Vertical Flare	20%	Vertical flare estimate	Estimated
Factor For Horizontal Flare	20%	Horizontal flare estimate	Estimated
Total Volume (Cubic Feet)	18,278,732	= Area * Thickness * Vertical flare * Horizontal flare	Calculated
Porosity	26.0%	Typical value for host sand	Data
Gallons Per Cubic Foot	7.48	Conversion factor	Constant
Gallons Per Pore Volume	35,548,478	= Volume * Porosity * gal/ft³	Calculated
Number of Wells in Unit(s)			
Production Wells	120	Proposed well count	Data
Injection Wells	208	Proposed well count	Data
Monitor Wells	69	Proposed well count	Data
Average Well Spacing (Feet)	95	Proposed well spacing	Data
Average Well Depth (Feet)	410	Proposed well depth	Data

Table 6.8-1 Surety Estimate (Page 3 of 47) (Revised 5/10/2010)

LOST CREEK ISR, LLC GROUNDWATER RESTORATION - WORKSHEET 1

Assumptions/Items	Mine Unit No. 1	Explanation	Source
I GROUNDWATER SWEEP			
A. PLANT & OFFICE			
Operating Assumptions:			
Flow Rate (Gallons per Minute)	40	Planned flow	Data
Pore Volumes Required	0.3	Required value	Data
Total Gallons For Treatment	10,664,543	= Gallons per Pore Volume * Number of Pore Volumes	Calculated
Total Kilogallons for Treatment	10,665		Calculated
Cost Assumptions:			
Power			
Average Connected Horsepower	20	Proposed pump horsepower	Data
Kilowatt-hours per Horsepower	0.746		Conversion Factor
Cost per Kilowatt-hour	$0.060	Estimate based on supplier	Unit Rate
Gallons per Minute	40	Planned rate	Data
Gallons per Hour	2400		Calculated
Cost per Hour	$0.90		Calculated
Cost per Gallon	$0.00037		Calculated
Cost per Kilogallon	$0.373		Calculated
Chemicals			
Antiscalent (Cost per Kilogallon)	$0.120	Based on required dosage/estimated cost	Unit Rate
Repair & Maintenance (Cost per Kilogallon)	$0.035	Estimate	Unit Rate
Analysis (Cost per Kilogallon)	$1.355	On-site laboratory analysis	Unit Rate

Table 6.8-1 Surety Estimate (Page 4 of 47) (Revised 5/10/2010)

LOST CREEK ISR, LLC GROUNDWATER RESTORATION - WORKSHEET 1

Assumptions/Items	Mine Unit No. 1	Explanation	Source
I GROUNDWATER SWEEP (continued)			
A. PLANT & OFFICE (continued)			
Total Cost per Kilogallon	$1.883		Calculated
Total Treatment Cost	$20,082		Calculated
Utilities			
Power (Cost per Month)	$225	Estimate	Unit Rate
Propane (Cost per Month)	$225	Estimate	Unit Rate
Time for Treatment			
Minutes for Treatment	266,614	=Total Gallons for Treatment Divided by Flow Rate (gpm)	Calculated
Hours for Treatment	4,444		Calculated
Days for Treatment	185		Calculated
Average Days per Month	30.4		Calculated
Months for Treatment	6.1		Calculated
Utilities Cost	$2,739		Calculated
TOTAL PLANT & OFFICE COST	$22,822		

Table 6.8-1 Surety Estimate (Page 5 of 47) (Revised 5/10/2010)

LOST CREEK ISR, LLC GROUNDWATER RESTORATION - WORKSHEET 1

Assumptions/Items	Mine Unit No. 1	Explanation	Source
I GROUNDWATER SWEEP (continued)			
B. WELLFIELD			
Cost Assumptions:			
Power			
Average Flow per Pump (Gallons per Minute	32	Estimate from pumping	Data
Average Horsepower per Pump	7.50	Estimate from pumping	Data
Average Number of Pumps Required	1.3	Estimate from pumping	Data
Average Connected Horsepower	14.4	Pumps plus 5 horsepower for HH	Data
Kilowatt-hours per Horsepower	0.746		Conversion Factor
Cost per Kilowatt-hour	$0.060	Estimate based on supplier	Unit Rate
Gallons per Minute	40	Planned flow	Data
Gallons per Hour	2400		Calculated
Cost per Hour	$0.64		Calculated
Cost per Gallon	$0.0003		Calculated
Cost per Kilogallon	0.268		Calculated
Repair & Maintenance (Cost per Kilogallon)	$0.115	Estimate	Unit Rate
Total Cost per Kilogallon	$0.383		Calculated
TOTAL WELLFIELD COST	$4,086		Calculated
TOTAL GROUNDWATER SWEEP COST	$26,907		Calculated

LOST CREEK ISR, LLC GROUNDWATER RESTORATION - WORKSHEET 1

Assumptions/Items	Mine Unit No. 1	Explanation	Source
II REVERSE OSMOSIS			
A. PLANT & OFFICE			
Operating Assumptions:			
Flow Rate (Gallons per Minute)	760	Estimate from pumping	Data
Pore Volumes Required	6.0	Required value	Data
Total Gallons for Treatment	213,290,870	= Gallons per Pore Volume * Number of Pore Volumes	Calculated
Total Kilogallons for Treatment	213,291		Calculated
Feed to Reverse Osmosis Unit (Gallons per Minute)	760	Planned flow	Data
Permeate Flow (Gallons per Minute)	570	= Planned Flow * Average Reverse Osmosis Recovery	Calculated
Brine Flow (Gallons per Minute)	190	= Planned Flow - Permeate Flow	Calculated
Average Reverse Osmosis Recovery	75.0%	Reverse Osmosis Design	Data
Cost Assumptions:			
Power			
Average Connected Horsepower	300.00	Average value for each area	Data
Kilowatt-hours per Horsepower	0.746		Conversion Factor
Cost per Kilowatt-hour	$0.060	Estimate based on supplier	Unit Rate
Gallons per Minute	760	Planned flow	Data
Gallons per Hour	45600		Calculated
Cost per Hour	$13.43		Calculated
Cost per Gallon	$0.00029		Calculated
Cost per Kilogallon	$0.294		Calculated
Chemicals			
Sulfuric Acid (Cost per Kilogallon)	$0.090	Estimate	Unit Rate
Caustic Soda (Cost per Kilogallon)	$0.023	Estimate	Unit Rate
Reductant (Cost per Kilogallon)	$0.113	Estimate	Unit Rate
Antiscalent (Cost per Kilogallon)	$0.124	Based on required dosage/estimated cost	Unit Rate
Repair & Maintenance (Cost per Kilogallon)	$0.068	Estimate	Unit Rate
Sampling & Analysis (Cost per Kilogallon)	$0.208	Estimate	Unit Rate

Table 6.8-1 Surety Estimate (Page 7 of 47) (Revised 5/10/2010)

LOST CREEK ISR, LLC GROUNDWATER RESTORATION - WORKSHEET 1

Assumptions/Items	Mine Unit No. 1	Explanation	Source
II REVERSE OSMOSIS (continued)			
A. PLANT & OFFICE (continued)			
Total Cost per Kilogallon	$0.920		Calculated
Total Pumping Cost	$196,201		Calculated
Utilities			
Power (Cost per Month)	$560	Estimate	Unit Rate
Propane (Cost per Month)	$225	Estimate	Unit Rate
Time for Treatment			
Minutes for Treatment	280,646		Calculated
Hours for Treatment	4,677		Calculated
Days for Treatment	195		Calculated
Average Days per Month	30.4		Calculated
Months for Treatment	6.4		Calculated
Utilities Cost	$5,024		Calculated
TOTAL PLANT & OFFICE COST	$201,225		Calculated

Table 6.8-1 Surety Estimate (Page 8 of 47) (Revised 5/10/2010)

LOST CREEK ISR, LLC GROUNDWATER RESTORATION - WORKSHEET 1

Assumptions/Items	Mine Unit No. 1	Explanation	Source
II REVERSE OSMOSIS (continued)			
B. WELLFIELD			
Cost Assumptions:			
Power			
Average Flow per Pump (Gallons per Minute)	32.00	Average value for each area	Data
Average Horsepower per Pump	7.50	Average value for each area	Data
Average Number of Pumps Required	23.8	Average value for each area	Data
Average Connected Horsepower	188.1	Pump horsepower plus 10 horsepower	Calculated
Kilowatt-hours per Horsepower	0.746		Conversion Factor
Cost per Kilowatt-hour	$0.060	Estimate based on supplier	Unit Rate
Gallons per Minute	760	Planned flow	Data
Gallons per Hour	45,600		Calculated
Cost per Hour	$8.42		Calculated
Cost per Gallon	$0.0002		Calculated
Cost per Kilogallon	$0.185		Calculated
Repair & Maintenance (Cost per Kilogallon)	$0.115	Estimate	Unit Rate
Total Cost per Kilogallon	$0.300		Calculated
TOTAL WELLFIELD COST	$63,915		Calculated
TOTAL REVERSE OSMOSIS COST	$265,139		Calculated

LOST CREEK ISR, LLC GROUNDWATER RESTORATION - WORKSHEET 1

Assumptions/Items	Mine Unit No. 1	Explanation	Source
III RECIRCULATION			
A. WELLFIELD			
Cost Assumptions:			
Power			
Average Flow per Pump (Gallons per Minute)	32	Estimate from pumping	Data
Average Horsepower per Pump	7.50	Estimate from pumping	Data
Average Number of Pumps Required	120.0	Estimate from pumping	Data
Average Connected Horsepower	905.0	Pumps plus 5 horsepower for HH	Data
Kilowatt-hours per Horsepower	0.746		Conversion Factor
Cost per Kilowatt-hour	0.060	Estimate based on supplier	Unit Rate
Gallons per Minute	3840	Planned flow	Data
Gallons per Hour	230400		Calculated
Cost per Hour	$40.51		Calculated
Cost per Gallon	$0.0002		Calculated
Cost per Kilogallon	0.176		Calculated
Repair & Maintenance (Cost per Kilogallon)	$0.115	Estimate	Unit Rate
Analysis (Cost per Kilogallon)	$0.080	Off-site laboratory analysis	Unit Rate
Total Cost per Kilogallon	$0.370		Calculated
TOTAL WELLFIELD RECIRCULATION COST	$13,164		Calculated

Table 6.8-1 Surety Estimate (Page 10 of 47) (Revised 5/10/2010)

LOST CREEK ISR, LLC GROUNDWATER RESTORATION - WORKSHEET 1

Assumptions/Items	Mine Unit No. 1	Explanation	Source
IV WASTE DISPOSAL WELL			
Operating Assumptions:			
Annual Evaporation Capacity (Gallons)	0		Data
Average Monthly Evaporation Capacity (Gallons)	0		Calculated
Total Disposal Requirement			
Reverse Osmosis Brine (Total Gallons)	53,322,717	=Treatment Gallons * (1- Reverse Osmosis Recovery)	Calculated
Reverse Osmosis Brine (Total Kilogallons)	53,323		Calculated
Brine Concentration Factor	50%	Reverse Osmosis Design	Data
Total Concentrated Brine (Gallons)	26,661,359	= Reverse Osmosis Brine Gallons * Brine Concentration Factor	Calculated
Months of RO Operation	6.4		Calculated
Average Monthly Requirement (Gallons)	4,165,837	=Total Concentrated Brine / Months of Reverse Osmosis Operation	Calculated
Monthly Balance for DDW (Gallons)	4,165,837	=Average Monthly Requirement - Average Monthly Evaporation	Calculated
Total WDW Disposal (Gallons)	26,661,359		Calculated
Total WDW Disposal (Kilogallons)	26,661		Calculated
Cost Assumptions:			
Power			
Average Connected Horsepower	100.0	Estimate	Data
WDW Average Connected Horsepower	300.0	Estimate	Data
Kilowatt-hours per Horsepower	0.746		Conversion Factor
Cost per Kilowatt-hour	$0.060	Estimate based on supplier	Unit Rate
Gallons per Minute	115.0	Planned flow	Data
Gallons per Hour	6900		Calculated
Cost per Hour	$17.90		Calculated
Cost per Gallon	$0.0026		Calculated
Cost per Kilogallon	$2.595		Calculated

LOST CREEK ISR, LLC GROUNDWATER RESTORATION - WORKSHEET 1

Assumptions/Items	Mine Unit No. 1	Explanation	Source
IV WASTE DISPOSAL WELL (continued)			
Chemicals			
Reverse Osmosis Antiscalent (Cost per Kilogallon)	$0.225	Based on required dosage and cost	Unit Rate
WDW Antiscalent (Cost per Kilogallon)	$0.254	Based on required dosage and cost	Unit Rate
Sulfuric Acid (Cost per Kilogallon)	$0.315	Estimate	Unit Rate
Corrosion Inhibitor	$0.244	Estimate	Unit Rate
Repair & Maintenance (Cost per Kilogallon)	$0.130	Estimate	Unit Rate
Total Cost per Kilogallon	$3.762		Calculated
TOTAL WASTE DISPOSAL WELL COST	$100,308		Calculated
V STABILIZATION MONITORING			
Operating Assumptions:			
Time of Stabilization (Months)	9	Time frame required	Data
Frequency of Analysis (Months)	3	Required sampling	Data
Total Sets of Analysis	5	Required sampling	Data
Cost Assumptions:			
Power (Cost per Month)	$1,125	Estimate	Unit Rate
Total Power Cost	$10,125		Calculated
Sampling & Analysis (Cost per Set)	$7,902	Estimate	Unit Rate
Total Sampling & Analysis Cost	$39,511		Calculated
Utilities (Cost per Month)	$2,250	Estimate	Unit Rate
Total Utilities Cost	$20,250		Calculated
TOTAL STABILIZATION COST	$69,886		Calculated

LOST CREEK ISR, LLC GROUNDWATER RESTORATION - WORKSHEET 1

Assumptions/Items					Mine Unit No. 1	Explanation	Source
VI LABOR							
Cost Assumptions							
	Crew Numbers	Cost per Hour	Hours per Year	Crew	Cost		
	1	$50.00	7280	Project Manager	$364,000	Anticipated operations crew	Data
	1	$40.00	7280	Supervisor/RSO	$291,200	Anticipated operations crew	Data
	1	$30.00	7280	EHS Tech	$218,400	Anticipated operations crew	Data
	1	$30.00	4160	Sampler	$124,800	Anticipated operations crew	Data
	8	$30.00	2600	Plant and Field Operators	$624,000	Anticipated operations crew	Data
	1	$30.00	7280	Maintenance	$218,400	Anticipated operations crew	Data
	1	$30.00	7280	Office Support	$218,400	Anticipated operations crew	Data
	1	$30.00	7280	Equipment Operator	$218,400	Anticipated operations crew	Data
	4	$30.00	2773	Reclamation Laborer	$332,760	Anticipated operations crew	Data
	1	$35.00	5200	Foreman	$182,000	Anticipated operations crew	Data
	4	$13.50	2080	Vehicles	$112,320	Anticipated operations crew	Data
TOTAL RESTORATION LABOR COST					$2,904,680		
VII RESTORATION CAPITAL REQUIREMENTS							
I Plug and Abandon DDW (3)					$306,270	$104,090 for well 1 and $101,090 for wells 2/3	Data
TOTAL					$306,270		

Table 6.8-1 **Surety Estimate (Page 13 of 47)** (Revised 5/10/2010)

LOST CREEK ISR, LLC GROUNDWATER RESTORATION - WORKSHEET 1

Assumptions/Items	Mine Unit No. 1	Explanation	Source
SUMMARY:			
I GROUNDWATER SWEEP	$26,907		
II REVERSE OSMOSIS	$265,139		
III RECIRCULATION	$13,164		
IV WASTE DISPOSAL WELL	$100,308		
V STABILIZATION	$69,886		
VI LABOR	$2,904,680		
VII CAPITAL	$306,270		
TOTAL GROUNDWATER RESTORATION COST	**$3,686,354**		

LOST CREEK ISR, LLC DECOMMISSIONING AND SURFACE RECLAMATION: A. Plant Equipment Removal and Disposal - WORKSHEET 2

Assumptions/Items	Shop / Lab / Office	Precipitation Section	Chemical Section	Ion Exchange Section	Restoration Section	Total	Explanation	Source
Volume (Cubic Yards)	68	46	17	111	96	338	Estimate of equipment to be removed	Data
Volume per Truck Load (Cubic Yards)	20	20	20	20	20		Typical load for shipping	Data
Number of Truck Loads	3.4	2.3	0.8	5.6	4.8	16.9		Calculated
I DECONTAMINATION								
Decontamination Cost per Truck Load	$620	$620	$620	$620	$620		Estimated average decontaminate	Unit Rate
Percent Requiring Decontamination	50.0%	100.0%	0.0%	100.0%	100.0%		Percent expected	Data
TOTAL DECONTAMINATION COST	$1,060	$1,428	$0	$3,443	$2,963	$8,894		Calculated
II DISMANTLING & LOADING								
Cost per Truck Load	$805	$805	$805	$805	$805		Estimated average dismantle cost	Unit Rate
TOTAL DISMANTLING & LOADING COST	$2,753	$1,854	$676	$4,470	$3,847	$13,600		Calculated
III OVERSIZE								
Percent Requiring Permits	0.0%	10.0%	10.0%	10.0%	10.0%			Data
Cost per Truck Load	$367	$367	$367	$367	$367			Unit Rate
TOTAL OVERSIZE COST	$0	$85	$31	$204	$175	$495		Calculated
IV TRANSPORTATION & DISPOSAL								
A. Landfill								
Percent to be Shipped	90.0%	50.0%	100.0%	50.0%	50.0%		Percent acceptable at landfill	Data
Distance (Miles)	48	48	48	48	48		Distance to landfill	Data
Cost per Mile	$2.90	$2.90	$2.90	$2.90	$2.90		Current transport rate	Unit Rate
Transportation Cost	$429	$160	$117	$386	$333			Calculated
Disposal Fee per Cubic Yard	$13.50	$13.50	$13.50	$13.50	$13.50		Landfill fee	Unit Rate
Disposal Cost	$831	$311	$227	$750	$645			Calculated
Total Cost	$1,260	$471	$344	$1,136	$978			Calculated
B. Licensed Site								
Percent to be Shipped	10.0%	50.0%	0.0%	50.0%	50.0%		Percent requiring disposal at licensed site	Calculated
Distance (Miles)	105	105	105	105	105		Distance to Shirley Basin	Data
Cost per Mile	$2.90	$2.90	$2.90	$2.90	$2.90		Current transport rate	Unit Rate
Transportation Cost	$104	$351	$0	$845	$728			Calculated
Disposal Cost per Cubic Foot	$12.38	$12.38	$12.38	$12.38	$12.38		Licensed site fee	Unit Rate
Volume per Truck Load (Cubic Yards)	20.0	20.0	20.0	20.0	20.0		Typical load for shipping	Data
Volume per Truck Load (Cubic Feet)	540	540	540	540	540			Calculated
Disposal Cost	$2,287	$7,697	$0	$18,562	$15,975			Calculated
Total Cost Licensed Site	$2,391	$8,047	$0	$19,407	$16,702			Calculated
TOTAL TRANSPORTATION & DISPOSAL COST	$3,650	$8,518	$344	$20,544	$17,680	$50,736		Calculated
TOTAL PLANT EQUIPMENT REMOVAL AND DISPOSAL COST	**$7,464**	**$11,884**	**$1,050**	**$28,661**	**$24,666**	**$73,724**		Calculated

LOST CREEK ISR, LLC DECOMMISSIONING AND SURFACE RECLAMATION: B. Plant Building Demolition and Disposal - WORKSHEET 3

Assumptions/Items	Plant	Header Houses	Drill Shed	Total	Explanation	Source
I STRUCTURE DEMOLITION & DISPOSAL						
Structural Character	2-Story Steel Frame	1-Story Pre Fab. (6)	1-Story Pole Barn			
Demolition Volume (Cubic Feet)	1,248,000	19,620	22,400		Estimated volume of structures	Data
Demolition Cost per Cubic Foot	$0.1474	$0.1474	$0.0737			Unit Rate
Demolition Cost	$183,955	$2,892	$1,651	$188,498		Calculation
Factor For Gutting	20.0%	10.0%	10.0%			Data
Gutting Cost	$36,791	$289	$165	$37,245		Calculation
Weight (Pounds)	196,750	99,000	15,000		Estimated weight of building components	Data

	Quantity	Height (Feet)	Length (Feet)	Area (Square Feet)	Density (Pounds per Square Foot)	Building Weight (Pounds)
Ends	2	1	4800	9600	2.5	24000
Roof	2	82.5	260	42900	2.5	107250
Sidewall	2	20	260	10400	2.5	26000
Internal Wall	1	20	460	9200	2.5	23000
Internal Wall	1	30	220	6600	2.5	16500
Total 2-Story Steel Frame Weight						**196750**

Weight per Truck Load	40,000	40,000	40,000		Typical load for shipping	Data
Number of Truck Loads	4.9	2.5	0.4			Calculation
Distance to Landfill	48	48	48		Distance to landfill	Data
Cost per Mile	$2.90	$2.90	$2.90		Current transport rate	Unit Rate
Transportation Cost	$685	$345	$52	$1,081		
Disposal Cost per Ton	$40.20	$40.20	$40.20		Landfill fee	Unit Rate
Disposal Cost	$3,955	$1,990	$302	$6,246		Calculation
TOTAL STRUCTURE DEMOLITION & DISPOSAL COST	$225,386	$5,516	$2,170	$233,071		Calculation

LOST CREEK ISR, LLC DECOMMISSIONING AND SURFACE RECLAMATION: B. Plant Building Demolition and Disposal - WORKSHEET 3

Assumptions/Items	Plant	Header Houses	Drill Shed	Total	Explanation	Source
II CONCRETE DECONTAMINATION, DEMOLITION & DISPOSAL						
Area (Square Feet)	30,050	283	565		Building concrete area	Data
Average Thickness (Feet)	1	1.0	0.3			Data
Volume (Cubic Feet)	30,050	283	141			Calculation
Percent Requiring Decontamination	75.0%	50.0%	0.0%			Data
Percent Decontaminated	75.0%	75.0%	0.0%			Data
Decontamination (Cost per Square Foot)	$0.191	$0.191	$0.191			Unit Rate
Decontamination Cost	$4,305	$41	$0	$4,345		Calculation
Demolition (Cost per Square Foot)	$2.124	$2.124	$0.100			Unit Rate
Demolition Cost	$63,826	$601	$57	$64,484		Calculation
Transportation & Disposal						
A. Landfill Disposal						
Percent to be Disposed at Landfill	90%	90%	100%			Data
Concrete Weight (Pounds per Cubic Foot)	150	150	150			Data
Concrete Weight (Pounds)	4,056,750	38,205	21,188			
Weight per Truck Load (Pounds)	40,000	40,000	40,000			
Number of Truck Loads	101.4	1.0	0.5			
Distance to Landfill (Miles)	48	48	48			
Cost per Mile	$2.90	$2.90	$2.90		Current transport rate	
Transportation Cost	$14,117	$133	$74	$14,324		Data
Disposal Cost per Ton	$40.20	$40.20	$40.20			Unit Rate
Disposal Cost	$81,541	$10,239	$5,678	$97,458		Calculation
B. Licensed Site						
Percent to be Shipped	10%	10%	0%			Calculation
Distance (Miles)	105	105	105			Data
Cost per Mile	$2.90	$2.90	$2.90		Current transport rate	Unit Rate
Transportation Cost	$1,694	$16	$0	$1,710		Calculation
Disposal Cost per Cubic Foot	$4.16	$4.16	$4.16			Unit Rate
Volume per Truck Load (Cubic Yards)	20	20	20			Data
Volume per Truck Load (Cubic Feet)	540	540	540			Calculation
Disposal Cost	$12,501	$118	$0	$12,619		Calculation
TOTAL CONCRETE DECONTAMINATION, DEMOLITION & DISPOSAL COST	$177,984	$11,147	$5,808	$194,940		Calculation

LOST CREEK ISR, LLC DECOMMISSIONING AND SURFACE RECLAMATION: B. Plant Building Demolition and Disposal - WORKSHEET 3

Assumptions/Items	Plant	Header Houses	Drill Shed	Total	Explanation	Source
III SOIL REMOVAL & DISPOSAL						
Front End Loader Cost per Hour	$50	$50	$50	$50		
Time with Front End Loader (Hours)	16	6	1	23		
Cost of Front End Loader	$800	$300	$50	$1,150	Assume removal of 3" of Contaminated	Data
Volume to be Shipped (Cubic Feet)	2504	71	0		Soil Under Headers, 1" under Plant,	Data
Distance (Miles)	105	105	105		Disposal at a Licensed Facility	Data
Cost per Mile	$2.90	$2.90	$2.90			Unit Rate
Transportation Cost	$1,412	$40	$0	$1,452		Calculation
Disposal Fee per Cubic Foot	$4.16	$4.16	$4.16			Unit Rate
Quantity per Truck Load (Cubic Feet)	540	540	540			Data
Disposal Cost	$10,417	$294	$0	$10,712		Calculation
TOTAL SOIL REMOVAL & DISPOSAL COST	$12,629	$634	$50	$13,314		Calculation
IV RADIATION SURVEY						
Area Required (Acres)	0.69	0.01	0.01			Data
Survey Cost per Acre	$653.00	$653.00	$653.00			Unit Rate
TOTAL RADIATION SURVEY COST	$450	$4	$8	$462		Calculation
TOTAL PLANT BUILDING DEMOLITION AND DISPOSAL COST	**$416,449**	**$17,301**	**$8,036**	**$441,787**		Calculation

LOST CREEK ISR, LLC DECOMMISSIONING AND SURFACE RECLAMATION: C. Storage Pond Sludge and Liner Handling - WORKSHEET 4

Assumptions/Items	Pond 1 Storage	Pond 2 Storage	Total	Explanation	Source
I POND SLUDGE					
Average Sludge Depth (Feet)	0.125	0.125			Data
Average Sludge Area (Square Feet)	40,300	40,300			Data
Sludge Volume (Cubic Feet)	5,038	5,038			Calculated
Sludge Volume (Cubic Yards)	187	187			Calculated
Sludge Volume per Truck Load (Cubic Yards)	20.0	20.0			Data
Number of Sludge Truck Loads	9.4	9.4			Calculated
Sludge Handling Cost Per Load	$268.00	$268.00			Unit Rate
Total Sludge Handling Cost	$2,519	$2,519	$5,038		Calculated
Transportation & Disposal					
Percent to be Shipped	100.0%	100.0%			Data
Distance (Miles)	105	105			Data
Cost per Mile	$2.90	$2.90			Unit Rate
Transportation Cost	$2,862	$2,862			Calculated
Disposal Cost per Cubic Foot	$12.38	$12.38			Unit Rate
Volume per Truck Load (Cubic Yards)	20.0	20.0			Data
Volume per Truck Load (Cubic Feet)	540	540			Calculated
Disposal Cost	$62,841	$62,841			Calculated
Total Transportation & Disposal Cost	$65,703	$65,703	$131,406		Calculated
TOTAL POND SLUDGE COST	$68,222	$68,222	$136,444		Calculated

LOST CREEK ISR, LLC DECOMMISSIONING AND SURFACE RECLAMATION: C. Storage Pond Sludge and Liner Handling - WORKSHEET 4

Assumptions/Items	Pond 1 Storage	Pond 2 Storage	Total	Explanation	Source
II POND LINER					
Total Pond Area (Acres)	0.93	0.93			Data
Total Pond Area (Square Feet)	40,300	40,300			Calculated
Factor For Sloping Sides	20.0%	20.0%			Data
Total Liner Area (Square Feet)	48360	48360			Calculated
Liner Thickness (Mils)	30	30			Data
Liner Thickness (Inches)	0.0300	0.0300			Calculated
Liner Thickness (Feet)	0.0025	0.0025			Calculated
"Swell" Factor	25.0%	25.0%			Data
Liner Volume (Cubic Feet)	151	151			Calculated
Truck Loads of Liner	0.3	0.3			Calculated
Liner Handling Cost					
Labor Crew Cost per Hour	$135	$135			Unit Rate
Hours per Load	2.0	2.0			Unit Rate
Liner Handling Cost per Load	$270.00	$270.00			Calculated
Total Liner Handling Cost	$81	$81	$162		Calculated
Transportation & Disposal					
Percent to be Shipped	100.0%	100.0%			Data
Distance (Miles)	105	105			Data
Cost per Mile	$2.90	$2.90			Unit Rate
Transportation Cost	$91	$91			Calculated
Disposal Cost per Cubic Foot	$12.38	$12.38			Unit Rate
Volume per Truck Load (Cubic Feet)	540	540			Data
Disposal Cost	$2,006	$2,006			Calculated
Total Transportation & Disposal	$2,097	$2,097	$4,194		Calculated
TOTAL POND LINER COST	$2,178	$2,178	$4,356		Calculated

LOST CREEK ISR, LLC DECOMMISSIONING AND SURFACE RECLAMATION: C. Storage Pond Sludge and Liner Handling - WORKSHEET 4

Assumptions/Items	Pond 1 Storage	Pond 2 Storage	Total	Explanation	Source
III POND BACKFILL					
Backfill Required (Cubic Yards)	10,448	10,448			Data
Backfill Cost per Cubic Yard	$1.13	$1.13			Unit Rate
TOTAL POND BACKFILL COST	$11,806	$11,806	$23,612		Calculated
IV RADIATION SURVEY					
Areal required (Acres)	1.02	1.02			Data
Survey Cost per Acre	$653.00	$653.00			Unit Rate
TOTAL RADIATION SURVEY COST	$665	$665	$1,330		Calculated
V LEAK DETECTION SYSTEM REMOVAL					
Gravel and Piping Volume (Cubic Feet)	10075	10075		Assume 3 inches	Data
Volume per Truck Load (Cubic Feet)	540	540			Data
Loads to be Shipped	18.7	18.7			Calculated
Distance (Miles)	105	105			Data
Cost per Mile	$2.90	$2.90			Unit Rate
Transportation Cost	$5,681	$5,681			Calculated
Handling Cost	$5,038	$5,038			Unit Rate (Imbedded)
Disposal Fee per Cubic Foot	$4.16	$4.16			Unit Rate
Disposal Cost	$41,912	$41,912			Calculated
TOTAL LEAK DETECTION SYSTEM REMOVAL COST	$52,631	$52,631	$105,261		Calculated
TOTAL POND RECLAMATION COST	**$135,502**	**$135,502**	**$271,003**		Calculated

LOST CREEK ISR, LLC DECOMMISSIONING AND SURFACE RECLAMATION: D. Well Abandonment - WORKSHEET 5

Assumptions/Items	Mine Unit No. 1	Explanation	Source
Number of Wells	397		Data
Average Depth (Feet)	410		Data
Average Diameter (Inches)	4.328		Data
I MATERIALS			
Class G Neat Cement Required (Cubic Feet per Well)	41.9		Data
Cement Sacks Required per Well	32.7	15 ppg Class G cement requires 6 gallons water per sack cement and 1-1/2% bentonite by weight	Data
Cement Sack Cost	$14.43		Unit Rate
Cement Cost per Well	$472.22		Calculated
Bentonite Sacks Required per Well	0.9		Data
Bentonite Bag Cost	$2.90		Unit Rate
Bentonite Cost per Well	$2.68		Calculated
TOTAL MATERIALS COST PER WELL	$474.89		Calculated
II LABOR (INCLUDED IN WORKSHEET 1)			
Hours Required per Well	0.0		Data
Labor Cost per Hour	$0.00		Unit Rate
TOTAL LABOR COST PER WELL	$0.00		Calculated
III EQUIPMENT RENTAL			
Hours Required per Well	1.0		Data
Backhoe with Operator Cost per Hour	$48.00		Unit Rate
Cementer Cost per Hour	$25.00		Unit Rate
Total Equipment Cost per Well	$73.00		Calculated
TOTAL EQUIPMENT COST PER WELL	$547.89		Calculated
TOTAL WELL ABANDONMENT COST	**$217,514**		Calculated

LOST CREEK ISR, LLC DECOMMISSIONING AND SURFACE RECLAMATION: E. Wellfield Equipment Removal and Disposal - WORKSHEET 6

Assumptions/Items	MU-1	Source
I WELLFIELD PIPING		
A. Removal		
Surface Length per Well (Feet)	250	
Downhole Length per Well (Feet)	350	
Total Number of Wells	328	
Total Length (Feet)	196,800	Calculated
Cost of Removal per Foot	$0.109	Unit Rate
Cost of Removal	$21,353	Calculated
Chipping Rate (feet per hour)	1500	Estimate
Chipper Cost per Hour	$30	Unit Rate
Chipping Cost	$3,936	Calculated
Average OD (Inches)	1.6	
Chipped Volume Reduction (Cubic Feet per Foot)	0.008	Unit Rate
Chipped Volume (Cubic Feet)	1,574	Calculated
Volume per Truck Load (Cubic Feet)	540	
Total Number of Truck Loads	2.9	Calculated
B. Survey & Decontamination		
Percent Requiring Decontamination	0%	
Number of Decontamination Loads	0.0	Calculated
Decontamination Cost per Load	$620.00	Unit Rate
Decontamination Cost	$0	Calculated
C. Transport & Disposal		
Landfill Transportation		
Percent to be Shipped	0.0%	
Loads to be Shipped	0.0	Calculated
Distance (Miles)	48	
Transportation Cost per Mile	$2.90	Unit Rate
Transportation Cost	$0	Calculated
Landfill Disposal		
Disposal Fee per Cubic Yard	$13.50	Unit Rate
Load Volume (Cubic Yards)	20	
Disposal Cost	$0	Calculated
Total Landfill Cost	$0	Calculated

LOST CREEK ISR, LLC DECOMMISSIONING AND SURFACE RECLAMATION: E. Wellfield Equipment Removal and Disposal - WORKSHEET 6

Assumptions/Items	MU-1	Source
I WELLFIELD PIPING (continued)		
C. Transport & Disposal (continued)		
Licensed Site		
Transportation		
Percent to be Shipped	100.0%	Calculated
Loads to be Shipped	2.9	Calculated
Distance (Miles)	105	
Transportation Cost per Mile	$2.90	Unit Rate
Transportation Cost	$883	Calculated
Disposal		
Disposal Fee per Cubic Foot	$12.38	Unit Rate
Disposal Fee per Cubic Yard	$334.26	Calculated
Load Volume (Cubic Yards)	20	
Disposal Cost	$19,387	Calculated
Total Licensed Site Cost	$20,270	Calculated
Total Transport & Disposal Cost	$20,270	Calculated
TOTAL WELLFIELD PIPING REMOVAL & DISPOSAL COST	$45,559	Calculated
II PRODUCTION WELL PUMPS		
A. Pump and Tubing Removal		
Number of Production Wells	120	
Removal Cost per Well	$12.07	Unit Rate
Removal Cost	$1,448	Calculated
Number of Pumps per Truck Load	180	
Number of Truck Loads (Pumps)	0.7	Calculated
B. Survey & Decontamination (Pumps)		
Percent Requiring Decontamination	0.0%	
Number of Decontamination Truck Loads	0.0	Calculated
Decontamination Cost per Load	$0.00	Unit Rate
Decontamination Cost	$0	Calculated

LOST CREEK ISR, LLC DECOMMISSIONING AND SURFACE RECLAMATION: E. Wellfield Equipment Removal and Disposal - WORKSHEET 6

Assumptions/Items	MU-1	Source
II PRODUCTION WELL PUMPS (continued)		
C. Tubing Volume Reduction & Loading		
Length per Well (Feet)	360	
Total Length (Feet)	43,200	Calculated
Removal Cost per Foot	$0.014	Unit Rate
Removal Cost	$583	Calculated
Average OD (Inches)	2.0	
Chipped Volume Reduction (Cubic Feet per Foot)	0.012	
Chipped Volume (Cubic Feet)	518	Calculated
Volume per Truck Load (Cubic Feet)	540	
Number of Truck Loads	1.0	Calculated
D. Transport & Disposal		
Landfill		
Transportation		
Percent to be Shipped (Pumps)	100.0%	
Loads to be Shipped	0.7	Calculated
Distance (Miles)	48	
Cost per Mile	$2.90	Unit Rate
Transportation Cost	$97	Calculated
Disposal		
Disposal Fee per Cubic Yard	$13.50	Unit Rate
Load Volume (Cubic Yards)	20	
Disposal Cost	$189	Calculated
Total Landfill Cost	$286	Calculated
Licensed Site		
Transportation		
Percent to be Shipped (Pumps)	0.0%	
Percent to be Shipped (Tubing)	100.0%	
Loads to be Shipped	1.0	Calculated
Distance (Miles)	105	
Cost per Mile	$2.90	Unit Rate
Transportation Cost	$292	Calculated

LOST CREEK ISR, LLC DECOMMISSIONING AND SURFACE RECLAMATION: E. Wellfield Equipment Removal and Disposal - WORKSHEET 6

Assumptions/Items	MU-1	Source
II PRODUCTION WELL PUMPS (continued)		
D. Transport & Disposal (continued)		
Licensed Site (continued)		
Disposal		
Disposal Cost per Cubic Foot	$12.38	Unit Rate
Disposal Fee per Cubic Yard	$334.26	Calculated
Load Volume (Cubic Yards)	20	
Disposal Cost	$6,418	Calculated
Total Licensed Site Cost	$6,710	Calculated
Total Transport & Disposal Cost	$6,997	Calculated
TOTAL PRODUCTION WELL PUMP REMOVAL & DISPOSAL COST	$9,028	Calculated
III SURFACE TRUNKLINE PIPING		
A. Removal		
Total Length (Feet)	0	
Removal Cost per Foot	$0.081	Unit Rate
Removal Cost	$0	Calculated
Average OD (Inches)	8.750	
Chipped Volume Reduction (Cubic Feet per Foot)	0.088	Unit Rate
Chipped Volume (Cubic Feet)	0	Calculated
Volume per Truck Load (Cubic Feet)	540	
Total Number of Truck Loads	0.0	Calculated
B. Survey & Decontamination		
Percent Requiring Decontamination	0.0%	
Number of Decontamination Truck Loads	0.0	Calculated
Decontamination Cost per Load	$0.00	Unit Rate
Decontamination Cost	$0	Calculated

LOST CREEK ISR, LLC DECOMMISSIONING AND SURFACE RECLAMATION: E. Wellfield Equipment Removal and Disposal - WORKSHEET 6

Assumptions/Items	MU-1	Source
III SURFACE TRUNKLINE PIPING (continued)		
C. Transport & Disposal		
Landfill		
Transportation		
Percent to be Shipped	0.0%	
Loads to be Shipped	0.0	Calculated
Distance (Miles)	48	
Cost per Mile	$2.90	Unit Rate
Transportation Cost	$0	Calculated
Disposal		
Disposal Fee per Cubic Yard	$13.50	Unit Rate
Load Volume (Cubic Yards)	20	
Disposal Cost	$0	Calculated
Total Landfill Cost	$0	Calculated
Licensed Site		
Transportation		
Percent to be Shipped	100.0%	Calculated
Loads to be Shipped	0.0	Calculated
Distance (Miles)	105	
Cost per Mile	$2.90	Unit Rate
Transportation Cost	$0	Calculated
Disposal		
Disposal Cost per Cubic Foot	$12.38	Unit Rate
Disposal Fee per Cubic Yard	$334.26	Calculated
Load Volume (Cubic Yards)	20	
Disposal Cost	$0	Calculated
Total Licensed Site Cost	$0	Calculated
Total Transport & Disposal Cost	$0	Calculated
TOTAL SURFACE TRUNKLINE PIPING REMOVAL & DISPOSAL COST	$0	Calculated

LOST CREEK ISR, LLC DECOMMISSIONING AND SURFACE RECLAMATION: E. Wellfield Equipment Removal and Disposal - WORKSHEET 6

Assumptions/Items	MU-1	Source
IV BURIED TRUNKLINE		
A. Removal		
Total Length (Feet)	24,304	
Removal Cost per Buried Foot	$1.58	Unit Rate
Removal Cost	$19,139	Calculated
Chipping Rate (feet per hour)	150	Estimate
Chipper Cost per Hour	$30	Unit Rate
Chipping Cost	$4,861	Calculated
Average OD (Inches)	9.635	
Chipped Volume Reduction (Cubic Feet per Foot)	0.309	Unit Rate
Chipped Volume (Cubic Feet)	7,510	Calculated
Volume per Truck Load (Cubic Feet)	540	
Number of Truck Loads	13.9	Calculated
B. Survey & Decontamination		
Percent Requiring Decontamination	0.0%	
Number of Decontamination Truck Loads	0.0	Calculated
Decontamination Cost per Load	$0.00	Unit Rate
Decontamination Cost	$0	Calculated
C. Transport & Disposal		
Landfill		
Transportation		
Percent to be Shipped	0.0%	
Loads to be Shipped	0.0	Calculated
Distance (Miles)	48	
Cost per Mile	$2.90	Unit Rate
Transportation Cost	$0	Calculated
Disposal		
Disposal Fee per Cubic Yard	$13.50	Unit Rate
Load Volume (Cubic Yards)	20	
Disposal Cost	$0	Calculated
Total Landfill Cost	$0	Calculated

LOST CREEK ISR, LLC DECOMMISSIONING AND SURFACE RECLAMATION: E. Wellfield Equipment Removal and Disposal - WORKSHEET 6

Assumptions/Items	MU-1	Source
IV BURIED TRUNKLINE (continued)		
C. Transport & Disposal (continued)		
Licensed Site		
Transportation		
Percent to be Shipped	100.0%	Calculated
Loads to be Shipped	13.9	Calculated
Distance (Miles)	105	
Cost per Mile	$2.90	Unit Rate
Transportation Cost	$4,233	Calculated
Disposal		
Disposal Cost per Cubic Foot	$12.38	Unit Rate
Disposal Fee per Cubic Yard	$334.26	Calculated
Load Volume (Cubic Yards)	20	
Disposal Cost	$92,924	Calculated
Total Licensed Site Cost	$97,157	Calculated
Total Transport & Disposal Cost	$97,157	Calculated
TOTAL BURIED TRUNKLINE REMOVAL & DISPOSAL COST	$121,157	Calculated
V MANHOLES		
A. Removal		
Total Quantity	9	
Removal Cost per Manhole	$73.16	Unit Rate
Removal Cost	$658	Calculated
Quantity per Truck Load	10	
Number of Truck Loads	0.9	Calculated
B. Survey & Decontamination		
Percent Requiring Decontamination	0.0%	
Number of Decontamination Truck Loads	0.0	Calculated
Decontamination Cost per Load	$0.00	Unit Rate
Decontamination Cost	$0	Calculated

LOST CREEK ISR, LLC DECOMMISSIONING AND SURFACE RECLAMATION: E. Wellfield Equipment Removal and Disposal - WORKSHEET 6

Assumptions/Items	MU-1	Source
V MANHOLES (continued)		
C. Transport & Disposal		
Landfill		
Transportation		
Percent to be Shipped	0.0%	
Loads to be Shipped	0.0	Calculated
Distance (Miles)	48	Unit Rate
Cost per Mile	$2.90	Calculated
Transportation Cost	$0	
Disposal		
Disposal Fee per Cubic Yard	$13.50	Unit Rate
Load Volume (Cubic Yards)	20	
Disposal Cost	$0	Calculated
Total Landfill Cost	$0	Calculated
Licensed Site		
Transportation		
Percent to be Shipped	100.0%	Calculated
Loads to be Shipped	0.9	Calculated
Distance (Miles)	105	
Cost per Mile	$2.90	Unit Rate
Transportation Cost	$274	Calculated
Disposal		
Disposal Cost per Cubic Foot	$12.38	Unit Rate
Disposal Fee per Cubic Yard	$334.26	Calculated
Load Volume (Cubic Yards)	20	
Disposal Cost	$6,017	Calculated
Total Licensed Site Cost	$6,291	Calculated
Total Transport & Disposal Cost	$6,291	Calculated
TOTAL MANHOLE REMOVAL & DISPOSAL COST	$6,949	Calculated
TOTAL WELLFIELD EQUIPMENT REMOVAL AND DISPOSAL COST	**$182,693**	Calculated

LOST CREEK ISR, LLC DECOMMISSIONING AND SURFACE RECLAMATION: F. Topsoil Replacement and Revegetation - WORKSHEET 7

Assumptions/Items	Mine Unit No. 1	Source
I PLANT		
A. Topsoil Handling & Grading		
Affected Area (Acres)	5.0	
Average Affected Thickness (Inches)	12.0	
Topsoil Volume (Cubic Yards)	8,067	Calculated
Hauling/Placement Cost per Cubic Yard	$1.13	Unit Cost
Topsoil Handling Cost	$9,115	Calculated
Grading Cost per Acre	$56.28	Unit Cost
Grading Cost	$281	Calculated
Total Topsoil Handling & Grading Cost	$9,397	Calculated
B. Radiation Survey & Soil Analysis		
Survey & Analysis Cost per Acre	$653.00	Unit Cost
Total Survey & Analysis Cost	$3,265	Calculated
C. Revegetation		
Fertilizer Cost per Acre	$52.33	Unit Cost
Seeding Preparation & Seeding Cost per Acre	$189.85	Unit Cost
Mulching & Crimping Cost per Acre	$311.25	Unit Cost
Total Revegetation Cost per Acre	$553.43	Calculated
Total Revegetation Cost	$2,767	Calculated
TOTAL PLANT COST	$15,429	Calculated

LOST CREEK ISR, LLC DECOMMISSIONING AND SURFACE RECLAMATION: F. Topsoil Replacement and Revegetation - WORKSHEET 7

Assumptions/Items	Mine Unit No. 1	Source
II PONDS		
A. Topsoil Handling & Grading		
Affected Area (Acres)	5.0	
Average Affected Thickness (Inches)	12	
Topsoil Volume (Cubic Yards)	8,067	Calculated
Hauling/Placement Cost per Cubic Yard	$1.13	Unit Cost
Topsoil Handling Cost	$9,115	Calculated
Grading Cost per Acre	$56.28	Unit Cost
Grading Cost	$281	Calculated
Total Topsoil Handling & Grading Cost	$9,397	Calculated
B. Radiation Survey & Soil Analysis		
Survey & Analysis Cost per Acre	$653.00	Unit Cost
Total Survey & Analysis Cost	$3,265	Calculated
C. Revegetation		
Fertilizer Cost per Acre	$52.33	Unit Cost
Seeding Preparation & Seeding Cost per Acre	$189.85	Unit Cost
Mulching & Crimping Cost per Acre	$311.25	Unit Cost
Total Revegetation Cost per Acre	$553.43	Calculated
Total Revegetation Cost	$2,767	Calculated
TOTAL POND COST	$15,429	Calculated

LOST CREEK ISR, LLC DECOMMISSIONING AND SURFACE RECLAMATION: F. Topsoil Replacement and Revegetation - WORKSHEET 7

Assumptions/Items	Mine Unit No. 1	Source
III WELLFIELDS		
A. Topsoil Handling & Grading		
Affected Area (Acres)	12.1	50% of Ptn Area
Average Affected Thickness (Inches)	0.0	
Topsoil Volume (Cubic Yards)	0	Calculated
Hauling/Placement Cost per Cubic Yard	$1.13	Unit Cost
Topsoil Handling Cost	$0	Calculated
Grading Cost per Acre	$56.28	Unit Cost
Grading Cost	$681	Calculated
Total Topsoil Handling & Grading Cost	$681	Calculated
B. Radiation Survey & Soil Analysis		
Survey & Analysis Cost per Acre	$653.00	Unit Cost
Total Survey & Analysis Cost	$7,901	Calculated
C: Spill Cleanup		
Affected Area (Acres)	-	Calculated
Affected Area (Square Feet)	-	
Average Affected Thickness (Feet)	0.25	
Affected Volume (Cubic Feet)	-	Calculated
Volume per Truck Load (Cubic Feet)	540	
Number of Truck Loads	0.0	Calculated
Distance (Miles)	105	
Cost per Mile	$2.90	Unit Cost
Transportation Cost	$0	Calculated
Handling Cost per Truck Load	$238	Unit Cost
Handling Cost	$0	Calculated
Disposal Fee per Cubic Foot	$4.16	Unit Cost
Disposal Cost	$0	Calculated
Total Spill Cleanup Cost	$0	Calculated

LOST CREEK ISR, LLC DECOMMISSIONING AND SURFACE RECLAMATION: F. Topsoil Replacement and Revegetation - WORKSHEET 7

Assumptions/Items	Mine Unit No. 1	Source
III WELLFIELDS (continued)		
D. Revegetation		
Fertilizer Cost per Acre	$52.33	Unit Cost
Seeding Preparation & Seeding Cost per Acre	$189.85	Unit Cost
Mulching & Crimping Cost per Acre	$311.25	Unit Cost
Total Revegetation Cost per Acre	$553.43	Calculated
Total Revegetation Cost	$6,697	Calculated
TOTAL WELLFIELDS COST	$15,279	Calculated
IV ROADS		
A. Topsoil Handling & Grading		
Affected Area (Acres)	11.1	

Main Road Lengths (ft)	Secondary Road Lengths (ft)	
1,556		
594		
228		
356	966	
362	391	
211	276	
2,309	291	
1,260	311	
244	257	
1,029	330	
5,049	323	
13,198	3,145	Total Road Lengths (Feet)
20	12	Road Width (Feet)
12	8	Road Borrow (Feet)
32	20	Road Width and Borrow (Feet)
9.7	1.4	Road Area (Acres)
11.1		**Total Road Area (Acres)**

LOST CREEK ISR, LLC DECOMMISSIONING AND SURFACE RECLAMATION: F. Topsoil Replacement and Revegetation - WORKSHEET 7

Assumptions/Items	Mine Unit No. 1	Source
IV ROADS (continued)		
A. Topsoil Handling & Grading (continued)		
Average Affected Thickness (Inches)	12	
Topsoil Volume (Cubic Yards)	17,908	Calculated
Hauling/Placement Cost per Cubic Yard	$1.13	Unit Cost
Topsoil Handling Cost	$20,236	Calculated
Grading Cost per Acre	$56.28	Unit Cost
Grading Cost	$625	Calculated
Total Topsoil Handling & Grading Cost	$20,861	Calculated
B. Radiation Survey & Soil Analysis		
Survey & Analysis Cost per Acre	$653.00	Unit Cost
Total Survey & Analysis Cost	$7,248	Calculated
C. Revegetation		
Fertilizer Cost per Acre	$52.33	Unit Cost
Seeding Preparation & Seeding Cost per Acre	$189.85	Unit Cost
Mulching & Crimping Cost per Acre	$311.25	Unit Cost
Total Revegetation Cost per Acre	$553.43	Calculated
Total Revegetation Cost	$6,143	Calculated
TOTAL ROADS COST	$34,252	Calculated

LOST CREEK ISR, LLC DECOMMISSIONING AND SURFACE RECLAMATION: F. Topsoil Replacement and Revegetation - WORKSHEET 7

Assumptions/Items	Mine Unit No. 1	Source
V OTHER		
A. Topsoil Handling & Grading		
Affected Area (Acres)	1.0	
Average Affected Thickness (Inches)	3.0	
Topsoil Volume (Cubic Yards)	403.33	Calculated
Hauling/Placement Cost per Cubic Yard	$1.13	Unit Cost
Topsoil Handling Cost	$456	Calculated
Grading Cost per Acre	$56.28	Unit Cost
Grading Cost	$56	Calculated
Total Topsoil Handling & Grading Cost	$512	Calculated
B. Radiation Survey & Soil Analysis		
Survey & Analysis Cost per Acre	$653.00	Unit Cost
Total Survey & Analysis Cost	$653	Calculated
C. Revegetation		
Fertilizer Cost per Acre	$52.33	Unit Cost
Seeding Preparation & Seeding Cost per Acre	$189.85	Unit Cost
Mulching & Crimping Cost per Acre	$311.25	Unit Cost
Total Revegetation Cost per Acre	$553.43	Calculated
Total Revegetation Cost	$553	Calculated
TOTAL OTHER COST	$1,718	Calculated

LOST CREEK ISR, LLC DECOMMISSIONING AND SURFACE RECLAMATION: F. Topsoil Replacement and Revegetation - WORKSHEET 7

Assumptions/Items	Mine Unit No. 1	Source
VI REMEDIAL ACTION		
A. Topsoil Handling & Grading		
Affected Area (Acres)	17.1	
Average Affected Thickness (Inches)	0.0	
Topsoil Volume (Cubic Yards)	0	Calculated
Hauling/Placement Cost per Cubic Yard	$1.13	Unit Cost
Topsoil Handling Cost	$0	Calculated
Grading Cost per Acre	$0.00	Unit Cost
Grading Cost	$0	Calculated
Total Topsoil Handling & Grading Cost	$0	Calculated
B. Radiation Survey & Soil Analysis		
Survey & Analysis Cost per Acre	$0.00	Unit Cost
Total Survey & Analysis Cost	$0	Calculated
C. Revegetation		
Fertilizer Cost per Acre	$52.33	Unit Cost
Seeding Preparation & Seeding Cost per Acre	$189.85	Unit Cost
Mulching & Crimping Cost per Acre	$311.25	Unit Cost
Total Revegetation Cost per Acre	$553.43	Calculated
Total Revegetation Cost	$9,464	Calculated
TOTAL REMEDIAL ACTION COST	$9,464	Calculated
TOTAL TOPSOIL REPLACEMENT AND REVEGETATION COST	**$91,571**	

LOST CREEK ISR, LLC DECOMMISSIONING AND SURFACE RECLAMATION: G. Miscellaneoues Reclamation Activities - WORKSHEET 8

Assumptions/Items	Quantity	Source
I FENCE REMOVAL & DISPOSAL		
Length (Feet)	9,500	
Removal & Disposal Cost per Foot	$0.34	Unit Cost
TOTAL FENCE REMOVAL AND DISPOSAL COST	$3,230	Calculated
II CULVERT REMOVAL & DISPOSAL		
Length (Feet)	200	
Removal & Disposal Cost per Foot	$1.74	Unit Cost
TOTAL CULVERT REMOVAL & DISPOSAL COST	$348	Calculated
III UTILITIES		
Number of Months	6	
Cost per Month	$2,380	Unit Cost
TOTAL UTILITIES COST	$14,280	Calculated
IV DDW PIPELINE REMOVAL AND DISPOSAL		
Length (Feet)	21,730	
Removal & Disposal Cost per Foot	$2.43	Unit Cost
TOTAL DDW PIPELINE REMOVAL & DISPOSAL COST	$52,804	Calculated
TOTAL MISCELLANEOUS RECLAMATION ACTIVITIES COST	**$70,662**	Calculated

LOST CREEK ISR, LLC DECOMMISSIONING AND SURFACE RECLAMATION: Equipment and Tank List

	Quantity	Length (Feet)	Width or Area (Feet or Square Feet)	Thickness (Feet)	Volume (Cubic Feet)	Volume (Cubic Yards)	Contamination	Contaminated Volume (Cubic Yards)	Percent Contamination
SHOP / LAB / OFFICE									
Concrete									
Shop Floor	1	180	40	0.5	3600	133.3	N	0.0	0.0%
Lab Floor	1	40	40.5	0.5	810	30.0	Y	30.0	10.2%
Office Floor	1	40	80	0.5	1600	59.3	N	0.0	0.0%
Perimeter Beam	1	340	1	4	1360	50.4	N	0.0	0.0%
Internal Perimeter	1	300	1	2	600	22.2	N	0.0	0.0%
Total Concrete					7970.0	295.2		30.0	10.2%
Equipment									
Lab Tables	1	1	435	3	1305	48.3	Y	48.3	70.7%
Air Compressor	1	3	3	2	18	0.7	N	0.0	0.0%
Water Heater	2	3	3	6	108	4.0	N	0.0	0.0%
Generator	1	6	4	4	96	3.6	N	0.0	0.0%
MCC	1	20	2	8	320	11.9	N	0.0	0.0%
Total Equipment					1847	68.4		48.3	70.7%
TOTAL SHOP / LAB / OFFICE					**9817**	**363.6**		**78.3**	**21.5%**

LOST CREEK ISR, LLC DECOMMISSIONING AND SURFACE RECLAMATION: Equipment and Tank List

	Quantity	Length (Feet)	Width or Area (Feet or Square Feet)	Thickness (Feet)	Volume (Cubic Feet)	Volume (Cubic Yards)	Contamination	Contaminated Volume (Cubic Yards)	Percent Contamination
PRECIPITATION SECTION									
Concrete									
Precip Floor	1	180	40	0.5	3600	133.3	Y	133.3	65.5%
Perimeter Beam	1	40	1	4	160	5.9	Y	5.9	2.9%
Internal Perimeter	1	400	1	2	800	29.6	Y	29.6	14.5%
Tank Base	6	1	140	1	840	31.1	Y	31.1	15.3%
Pump Base	4	5	5	1	100	3.7	Y	3.7	1.8%
Total Concrete					5500	203.7		203.7	100.0%
Equipment									
Filter Press	2	12	3	4	288	10.7	Y	10.7	23.2%
YC Slurry Tank	2	1	89.1	1	178.2	6.6	Y	6.6	14.3%
YC Slurry Trailer	2	1	189	1	378	14.0	Y	14.0	30.4%
Precip. Tank	4	1	91.8	1	367.2	13.6	Y	13.6	29.5%
Pumps	8	2	2	1	32	1.2	Y	1.2	2.6%
Total Equipment					1243	46.1		46.1	100.0%
TOTAL PRECIPITATION SECTION					**6743**	**249.8**		**249.8**	**100.0%**

LOST CREEK ISR, LLC DECOMMISSIONING AND SURFACE RECLAMATION: Equipment and Tank List

	Quantity	Length (Feet)	Width or Area (Feet or Square Feet)	Thickness (Feet)	Volume (Cubic Feet)	Volume (Cubic Yards)	Contamination	Contaminated Volume (Cubic Yards)	Percent Contamination
CHEMICAL STORAGE									
Concrete									
Chem. Floor	1	80	40	0.5	1600	59.3	N	0.0	0.0%
Perimeter Beam	1	120	1	4	480	17.8	N	0.0	0.0%
Internal Perimeter	1	120	1	2	240	8.9	N	0.0	0.0%
Acid Floor	2	16	16	1	512	19.0	N	0.0	0.0%
Acid Perimeter	2	64	1	2	256	9.5	N	0.0	0.0%
Tank Base	4	1	140	1	560	20.7	N	0.0	0.0%
Pump Base	4	5	5	1	100	3.7	N	0.0	0.0%
Total Concrete					3748	138.8		0.0	0.0%
Equipment									
Soda Ash Tank	1	1	81	1	81	3.0	N	0.0	0.0%
Bicarb Tank	1	1	56.7	1	56.7	2.1	N	0.0	0.0%
NaOH Tank	1	1	81	1	81	3.0	N	0.0	0.0%
NaCl Saturator	1	1	75.6	1	75.6	2.8	N	0.0	0.0%
Peroxide Tank	1	1	18.9	1	18.9	0.7	N	0.0	0.0%
HCl Tank	1	1	2.7	1	2.7	0.1	N	0.0	0.0%
Acid Tank	2	1	56.7	1	113.4	4.2	N	0.0	0.0%
Pumps	6	2	2	1	24	0.9	N	0.0	0.0%
Total Equipment					453	16.8		0.0	0.0%
TOTAL CHEMICAL STORAGE					**4201**	**155.6**		**0.0**	**0.0%**

LOST CREEK ISR, LLC DECOMMISSIONING AND SURFACE RECLAMATION: Equipment and Tank List

	Quantity	Length (Feet)	Width or Area (Feet or Square Feet)	Thickness (Feet)	Volume (Cubic Feet)	Volume (Cubic Yards)	Contamination	Contaminated Volume (Cubic Yards)	Percent Contamination
ION EXCHANGE SECTION									
Concrete									
IX Floor A	1	180	80	0.5	7200	266.7	Y	266.7	64.3%
IX Floor B	1	40	40	0.5	800	29.6	Y	29.6	7.1%
Perimeter Beam	1	300	1	4	1200	44.4	Y	44.4	10.7%
Tank Base	12	1	140	1	1680	62.2	Y	62.2	15.0%
IX Base	56	1	1	2	112	4.1	Y	4.1	1.0%
Pump Base	8	5	5	1	200	7.4	Y	7.4	1.8%
Total Concrete					11192	414.5		414.5	100.0%
Equipment									
IX Column	10	1	86.4	1	864	32.0	Y	32.0	28.8%
Guard Column	2	1	64.8	1	129.6	4.8	Y	4.8	4.3%
Elution Vessel	2	1	86.4	1	172.8	6.4	Y	6.4	5.8%
Fresh Eluate Tank	2	1	91.8	1	183.6	6.8	Y	6.8	6.1%
Eluate Tank	2	1	91.8	1	183.6	6.8	Y	6.8	6.1%
Rich Eluate Tank	2	1	99.9	1	199.8	7.4	Y	7.4	6.7%
Fresh Water Tank	2	1	91.8	1	183.6	6.8	Y	6.8	6.1%
Resin Water Decant	1	1	35.1	1	35.1	1.3	Y	1.3	1.2%
Resin Water Tank	1	1	91.8	1	91.8	3.4	Y	3.4	3.1%
Waste Water Tank	2	1	91.8	1	183.6	6.8	Y	6.8	6.1%
RW Sand Filter	1	1	13.5	1	13.5	0.5	Y	0.5	0.5%
RW Bag Filter	4	1	0.8	1	3.2	0.1	Y	0.1	0.1%
RW Element Filter	4	1	0.8	1	3.2	0.1	Y	0.1	0.1%
Eluate Sump Filter	4	1	0.8	1	3.2	0.1	Y	0.1	0.1%
Eluate Bag Filter	6	1	0.8	1	4.8	0.2	Y	0.2	0.2%
Eluate Element Filter	4	1	0.8	1	3.2	0.1	Y	0.1	0.1%
Resin Screen	4	8	4	1	128	4.7	Y	4.7	4.3%
RO Unit	1	20	4	6	480	17.8	Y	17.8	16.0%
RO Pump	1	1	3.7	1	3.7	0.1	Y	0.1	0.1%
IC/PC Pump	12	1	3.7	1	44.4	1.6	Y	1.6	1.5%
WDW Pump	1	4	6	2	48	1.8	Y	1.8	1.6%
Sump Pump	4	1	1	3	12	0.4	Y	0.4	0.4%
Pumps	6	2	2	1	24	0.9	Y	0.9	0.8%
Total Equipment					2999	111.1		111.1	100.0%
TOTAL ION EXCHANGE SECTION					**14191**	**525.6**		**525.6**	**100.0%**

LOST CREEK ISR, LLC DECOMMISSIONING AND SURFACE RECLAMATION: Equipment and Tank List

	Quantity	Length (Feet)	Width or Area (Feet or Square Feet)	Thickness (Feet)	Volume (Cubic Feet)	Volume (Cubic Yards)	Contamination	Contaminated Volume (Cubic Yards)	Percent Contamination
RESTORATION SECTION									
Concrete									
Rest. Floor	1	40	80	0.5	1600	59.3	Y	59.3	97.5%
IX Base	8	1	1	2	16	0.6	Y	0.6	1.0%
Pump Base	1	5	5	1	25	0.9	Y	0.9	1.5%
Total Concrete					1641	60.8		60.8	100.0%
Equipment									
Rest. Column	2	1	75.6	1	151.2	5.6	Y	5.6	5.9%
RO Unit	5	20	4	6	2400	88.9	Y	88.9	93.0%
RO Pump	5	1	3.7	1	18.5	0.7	Y	0.7	0.7%
Sump Pump	1	1	1	3	3	0.1	Y	0.1	0.1%
Pumps	2	2	2	1	8	0.3	Y	0.3	0.3%
Total Equipment					2580.7	95.6		95.6	100.0%
TOTAL RESTORATION SECTION					**4221.7**	**156.4**		**156.4**	**100.0%**

LOST CREEK ISR, LLC DECOMMISSIONING AND SURFACE RECLAMATION: Equipment and Tank Calculations

	Quantity	Type	Material	ID (Feet)	Height (Feet)	Unit Volume (Cubic Feet)	Total Volume (Cubic Feet)	Thickness (Inches)	Unit Dry Weight (Pounds)	Total Dry Weight (Pounds)	Unit Crushed Volume (Cubic Yards)	Total Crushed Volume (Cubic Yards)	Vessel Numbers
Pressure Vessels													
Ion Exchange Columns	10	Ellip Hd	CS	11.5	9	3739	37393	0.750	25000	250000	3.2	32.3	IX-1 to 10
Guard Columns	2	Ellip Hd	CS	6.5	9	1195	2389	0.500	9200	18400	2.4	4.8	IX-11, 12
Restoration Columns	2	Ellip Hd	CS	10	8	2513	5027	0.625	13700	27400	2.8	5.6	IX-13, 14
Elution Vessels	2	Ellip Hd	CS	11.5	9	3739	7479	0.750	25000	50000	3.2	6.5	E-1, 2
Tanks													
Fresh Eluate Tanks	2	Flat Btm	FRP	14	18	11084	22167	1.000	10,450	20,900	3.4	6.8	T-210A, B
Eluate Tanks	2	Flat Btm	FRP	14	18	11084	22167	1.000	10,450	20,900	3.4	6.8	T-211A, B
Rich Eluate Tanks	2	Flat Btm	FRP	14	20	12315	24630	1.000	11,286	22,572	3.7	7.3	T-212A, B
Fresh Water Tanks	2	Flat Btm	FRP	14	18	11084	22167	1.000	10,450	20,900	3.4	6.8	T-200A, B
Resin Water Decant	1	Cone Btm	FRP	12	8.5	3845	3845	0.750	3,896	3,896	1.3	1.3	T-201
Resin Water Tank	1	Flat Btm	FRP	14	18	11084	11084	1.000	10,450	10,450	3.4	3.4	T-202
Waste Water Tanks	2	Flat Btm	FRP	14	18	11084	22167	1.000	10,450	20,900	3.4	6.8	T-203A, B
Precipitation Tanks	4	Flat Btm	FRP	14	18	11084	44334	1.000	10,450	41,801	3.4	13.6	T-213A - D
Y/C Slurry Storage	2	Cone Btm	CS - RL	12.5	15	7363	14726	0.500	8,242	16,484	3.3	6.6	T-220A, B
Soda Ash Tank	1	Flat Btm	FRP	12	20	9048	9048	1.000	9,316	9,316	3.0	3.0	T-214
Bicarb Mix Tank	1	Flat Btm	FRP	12	12	5429	5429	1.000	6,449	6,449	2.1	2.1	T-215
NaCl Saturator	1	Flat Btm	FRP	12	18	8143	8143	1.000	8,599	8,599	2.8	2.8	T-216
NaOH Tank	1	Flat Btm	FRP	12	20	9048	9048	1.000	9,316	9,316	3.0	3.0	T-219
H2O2 Tank	1	Hor Tank	Alum	9	16.5	4199	4199	0.375	2,396	2,396	0.7	0.7	T-220
Acid Day Tank	1	Flat Btm	CS	5.5	6	570	570	0.250	773	773	0.1	0.1	T-217
Acid Tanks	2	Flat Btm	FRP	12	12	5429	10857	1.000	6,449	12,899	2.1	4.2	T-218A, B
Filtration													
RW Sand Filter	1	Ellip Hd	CS	6	12.5	1414	1414	0.500	7,450	7,450	0.5	0.5	
RW Bag Filter	2		316ss	2	3	38	75	0.375	175	351	0.03	0.1	
RW Element Filter	2		304ss	2	3	38	75	0.375	175	351	0.03	0.1	
Eluate Sump Filter	2		316ss	2	3	38	75	0.375	175	351	0.03	0.1	
Eluate Bag Filter	6		316ss	2	3	38	226	0.375	175	1,052	0.03	0.2	
Eluate Element Filter	2		304ss	2	3	38	75	0.375	175	351	0.03	0.1	
Slurry Filter Press	2						0			0	0.00	0.0	

LOST CREEK ISR, LLC DECOMMISSIONING AND SURFACE RECLAMATION: Equipment and Tank Calculations

	Quantity	Type	Material	ID (Feet)	Height (Feet)	Unit Volume (Cubic Feet)	Total Volume (Cubic Feet)	Thickness (Inches)	Unit Dry Weight (Pounds)	Total Dry Weight (Pounds)	Unit Crushed Volume (Cubic Yards)	Total Crushed Volume (Cubic Yards)	Vessel Numbers
Pumps													
IC Pumps (75 hp submersible)	6		SS			3.7	22		560	3,360			P-206A - F
PC Pumps (75 hp submersible)	6		SS			3.7	22		560	3,360			P-207A - F
RO Pumps (75 hp horizontal)	6		CS/SS			3.7	22		560	3,360			
Waste Water Pumps (25 hp centrifugal)	2		SS				0		100	200			P-203A/B
Resin Water Pumps (20 hp centrifugal)	4		SS				0		265	1,060			P-201A/B, 202A/B
Waste Disposal Pump (Plunger)	2		CS/SS			23	46		2,400	4,800			
Sump Pumps (5 hp)	4		SS				0		295	1,180			
Reverse Osmosis													
200 GPM Unit	6						0			0			
Other													
Resin Screens	4		CS/SS				0			0			S-1A, B, S-2A, B
Water Heater							0			0			
Air Compressor							0			0			
Slurry Trailer	2		CS				0	0.375	15,000	30,000	7	14.0	TR-1, 2
Generator	2						0			0			
MCC							0			0			

FRP =	0.06
CS =	0.28
SS =	0.29
Al =	0.097
Accy Fact	1.1

LOST CREEK ISR, LLC DECOMMISSIONING AND SURFACE RECLAMATION: Deep Disposal Pipeline Calculations

Assumptions/Items	Deep Disposal Well No. 1	Deep Disposal Well No. 2	Deep Disposal Well No. 3	Total	Source
PIPELINE					
A. Removal					
Total Length (Feet)	11,850	1,230	8,650	21,730	
Removal Cost per Foot	$1.58	$1.58	$1.58		Unit Rate
Removal Cost	$9,362	$972	$6,834		Calculated
Average OD (Inches)	4.500	4.500	4.500		
Chipped Volume Reduction (Cubic Feet per Foot)	0.309	0.309	0.309		Unit Rate
Chipped Volume (Cubic Feet)	3,662	380	2,673	6,715	Calculated
Volume per Truck Load (Cubic Feet)	540	540	540		
Number of Truck Loads	6.8	0.7	4.9	12.4	Calculated
B. Survey & Decontamination					
Percent Requiring Decontamination	0.0%	0.0%	0.0%		
Number of Decontamination Truck Loads	0.0	0.0	0.0	0.0	Calculated
Decontamination Cost per Load	$0.00	$0.00	$0.00		Unit Rate
Decontamination Cost	$0	$0	$0	$0	Calculated
C. Transport & Disposal					
Landfill					
Transportation					
Percent to be Shipped	0.0%	0.0%	0.0%		
Loads to be Shipped	0.0	0.0	0.0	0.0	Calculated
Distance (Miles)	48	48	48		
Cost per Mile	$2.90	$2.90	$2.90		Unit Rate
Transportation Cost	$0	$0	$0	$0	Calculated
Disposal					
Disposal Fee per Cubic Yard	$13.50	$13.50	$13.50		Unit Rate
Load Volume (Cubic Yards)	20	20	20		
Disposal Cost	$0	$0	$0	$0	Calculated
Total Landfill Cost	$0	$0	$0	$0	Calculated

LOST CREEK ISR, LLC DECOMMISSIONING AND SURFACE RECLAMATION: Deep Disposal Pipeline Calculations

Assumptions/Items	Deep Disposal Well No. 1	Deep Disposal Well No. 2	Deep Disposal Well No. 3	Total	Source
PIPELINE (continued)					
C. Transport & Disposal (continued)					
Licensed Site					
Transportation					
Percent to be Shipped	100.0%	100.0%	100.0%		Calculated
Loads to be Shipped	6.8	0.7	4.9	12.4	Calculated
Distance (Miles)	105	105	105		
Cost per Mile	$2.90	$2.90	$2.90		Unit Rate
Transportation Cost	$2,071	$213	$1,492	$3,776	Calculated
Disposal					
Disposal Cost per Cubic Foot	$12.38	$12.38	$12.38		Unit Rate
Disposal Fee per Cubic Yard	$334.26	$334.26	$334.26		Calculated
Load Volume (Cubic Yards)	20	20	20		
Disposal Cost	$45,459	$4,680	$32,757	$82,896	Calculated
Total Licensed Site Cost	$47,530	$4,893	$34,250	$86,672	Calculated
Total Transport & Disposal Cost	$47,530	$4,893	$34,250	$86,672	Calculated
TOTAL PIPELINE REMOVAL & DISPOSAL COST	$56,891	$5,864	$41,083	$103,839	Calculated
MANHOLES					
A. Removal					
Total Quantity	1	0	1	2	
Removal Cost per Manhole	$146.32	$146.32	$146.32		Unit Rate
Removal Cost	$146	$0	$146	$293	Calculated
Quantity per Truck Load	10	10	10		
Number of Truck Loads	0.1	0.0	0.1	0.2	Calculated
B. Survey & Decontamination					
Percent Requiring Decontamination	0.0%	0.0%	0.0%		
Number of Decontamination Truck Loads	0.0	0.0	0.0	0.0	Calculated
Decontamination Cost per Load	$0.00	$0.00	$0.00		Unit Rate
Decontamination Cost	$0	$0	$0	$0	Calculated

LOST CREEK ISR, LLC DECOMMISSIONING AND SURFACE RECLAMATION: Deep Disposal Pipeline Calculations

Assumptions/Items	Deep Disposal Well No. 1	Deep Disposal Well No. 2	Deep Disposal Well No. 3	Total	Source
MANHOLES (continued)					
C. Transport & Disposal					
Landfill					
Transportation					
Percent to be Shipped	0.0%	0.0%	0.0%		
Loads to be Shipped	0.0	0.0	0.0	0.0	Calculated
Distance (Miles)	48	48	48		Unit Rate
Cost per Mile	$2.90	$2.90	$2.90		Calculated
Transportation Cost	$0	$0	$0	$0	
Disposal					
Disposal Fee per Cubic Yard	$13.50	$13.50	$13.50		Unit Rate
Load Volume (Cubic Yards)	20	20	20		
Disposal Cost	$0	$0	$0	$0	Calculated
Total Landfill Cost	$0	$0	$0	$0	Calculated
Licensed Site					
Transportation					
Percent to be Shipped	100.0%	100.0%	100.0%		Calculated
Loads to be Shipped	0.1	0.0	0.1	0.2	Calculated
Distance (Miles)	105	105	105		
Cost per Mile	$2.90	$2.90	$2.90		Unit Rate
Transportation Cost	$30	$0	$30	$61	Calculated
Disposal					
Disposal Cost per Cubic Foot	$12.38	$12.38	$12.38		Unit Rate
Disposal Fee per Cubic Yard	$334.26	$334.26	$334.26		Calculated
Load Volume (Cubic Yards)	20	20	20		
Disposal Cost	$669	$0	$669	$1,337	Calculated
Total Licensed Site Cost	$699	$0	$699	$1,398	Calculated
Total Transport & Disposal Cost	$699	$0	$699	$1,398	Calculated
TOTAL MANHOLE REMOVAL & DISPOSAL COST	$845	$0	$845	$1,691	Calculated
TOTAL DEEP DISPOSAL WELL PIPELINE REMOVAL AND DISPOSAL COS	**$57,737**	**$5,864**	**$41,928**	**$105,530**	Calculated
DEEP DISPOSAL WELL PIPELINE REMOVAL AND DISPOSAL COST PER FOOT				**$4.86**	Calculated

VOLUME 2 of 4 (continued)

SECTION 2.0 SITE CHARACTERIZATION (continued)
Section 2.7 Hydrology (continued)
Figure 2.7-8 Potentiometric Surface, Tertiary Aquifer System, Great Divide Basin (After Naftz, 1966)
Figure 2.7-9 Location Map, Lost Creek Monitor Wells
Figure 2.7-10 Site Hydrostratigraphic Units
Figure 2.7-11a DE Potentiometric Surface 12/08/08
Figure 2.7-11b LFG Potentiometric Surface, 12/08/08
Figure 2.7-11c Potentiometric Surface, Overlying Aquifer (LFG), August 1982 and October 2006
Figure 2.7-11d HJ Potentiometric Surface, 12/08/08
Figure 2.7-11e Potentiometric Surface, HJ Production Zone, June 2007
Figure 2.7-11f Potentiometric Surface, HJ Production Zone, August 1982 and October 2006
Figure 2.7-11g UKM Potentiometric Surface, 12/08/08
Figure 2.7-11h Potentiometric Surface, Underlying Aquifer (UKM), August 1982 and October 2006
Figure 2.7-12 Location of Well Groups Used to Evaluate Vertical Hydraulic Gradients
Figure 2.7-13 Location of Pump Tests Conducted in 1982 and 2006
Figure 2.7-14 Location of Pump Test and Monitor Wells, 2006
Figure 2.7-15 Drawdown in the HJ Aquifer at the End of the LC19M Pump Test
Figure 2.7-16a Potentiometric Surface in the HJ Aquifer at the End of the LC19M Pump Test
Figure 2.7-16b Drawdown in the HJ Aquifer Near the End of the LC16M Pump Test
Figure 2.7-17 Spatial Distribution of Aquifer Transmissivity
Figure 2.7-18 Location of Historic Site Monitor Wells
Figure 2.7-19 Location of Site Baseline Monitor Wells
Figure 2.7-20a Distribution of TDS, August 1982
Figure 2.7-20b Distribution of Radium-226, August 1982
Figure 2.7-20c Distribution of Uranium, August 1982
Figure 2.7-21a Distribution of Average TDS-September 2006 to May 2007
Figure 2.7-21b Distribution of Average Sulfate-September 2006 to May 2007
Figure 2.7-22a Piper Diagram-Average Water Quality at Individual Monitor Wells
Figure 2.7-22b Piper Diagram-Average Water Quality in Aquifers of Interest
Figure 2.7-23a Distribution of Average Uranium-September 2006 to May 2007

VOLUME 2 of 4 (continued)

SECTION 2.0 SITE CHARACTERIZATION (continued)
Section 2.7 Hydrology (continued)
Figure 2.7-23b Distribution of Average Radium 226+228-September 2006 to May 2007
Section 2.8 Ecology
Figure 2.8-1 Vegetation Map
Figure 2.8-2 Upland Big Sagebrush Shrubland
Figure 2.8-3 Lowland Big Sagebrush Shrubland
Figure 2.8-4 Pronghorn Range
Figure 2.8-5 Mule Deer Range
Figure 2.8-6 Elk Range
Figure 2.8-7 Moose Range
Figure 2.8-8 Sage Grouse Leks
Figure 2.8-9 Raptor Nest Locations
Section 2.9 Background Radiological Characteristics
Figure 2.9-1 Scanning System Equipment and Configuration
Figure 2.9-2 Correlation Grid Sampling Design
Figure 2.9-3 NaI-Based Gamma Survey Results
Figure 2.9-4 NaI Gamma Survey Results and HPIC Measurement Locations
Figure 2.9-5 OHV Re-Scan Results
Figure 2.9-6 Soil Sampling and Gamma Survey Results Overlay
Figure 2.9-7 Ra-226 Soil Concentration and Gamma Exposure Rate Correlation
Figure 2.9-8 Ra-226 and Uranium Soil Concentration Correlation
Figure 2.9-9 Calibration Curves for HPIC versus NaI Detectors
Figure 2.9-10 Three-Foot NaI Detector Height Data
Figure 2.9-11 Three-Foot and 4.5-Foot NaI Detector Height Readings Correlation
Figure 2.9-12 Calculated Three-Foot-HPIC-Equivalent Gamma Exposure Rates
Figure 2.9-13 Kriged Estimates of the Three-Foot-HPIC-Equivalent Gamma Exposure Rates
Figure 2.9-14 Regression Used to Predict Soil Ra-226 Concentrations
Figure 2.9-15 Estimated Soil Ra-226 Concentrations
Figure 2.9-16 Radon and Passive Gamma Sensor Locations
Figure 2.9-17 2009 MILDOS Receptors
Figure 2.9-18 Top 10 Predicted Total Ground Concentration Locations
Figure 2.9-19 Top 10 Predicted Total Ground Concentration Locations Outside Plant Fenceline
Figure 2.9-20 Modeled Isopleths of Ground Concentrations for Year 6
Figure 2.9-21 2008 Vegetation Sampling Locations
Figure 2.9-22 2009 Vegetation and Surface Soils Sampling Locations

VOLUME 2 of 4 (continued)

SECTION 2.0 SITE CHARACTERIZATION (continued)
Section 2.9 Background Radiological Characteristics (continued)
Figure 2.9-23 Soil Profile Sampling Locations
Figure 2.9-24 Sediment Sampling Locations
Figure 2.9-25 Radiological Air Particulate Sampling Locations
Figure 2.9-26 Radon, Passive Gamma, and Radiological Air Particulate Sampling Locations, 2006-09
Figure 2.9-27 Radon, Passive Gamma, and Radiological Air Particulate Sampling Locations, 2010-11

VOLUME 3 of 4

SECTION 3.0 DESCRIPTION OF THE PROPOSED FACILITY
Section 3.1 ISR Process and Equipment
Figure 3.1-1 Regional Map of the Permit Area (repeat of Figure 1.3-1)
Figure 3.1-2 Site Layout (repeat of Figure 2.1-1)
Figure 3.1-3 Lost Creek Project Development, Production, and Restoration Schedule (repeat of Figure 1.7-2)
Section 3.2 Mine Unit Processes, Instrumentation, and Control
Figure 3.2-1 Alkaline Uranium Leach Chemistry in the Aquifer
Figure 3.2-2 Injection Well Construction
Figure 3.2-3 Production Well Construction
Figure 3.2-4 Monitor Well Construction
(For Figures 3.2-5a, 5b, and 5c, requesting NRC confidentiality)
Figure 3.2-5a Header House Schematic Plan Side View
Figure 3.2-5b Header House Schematic Production Side View
Figure 3.2-5c Header House Injection Side View
Figure 3.2-6 Project Water Balance
Figure 3.2-7 Simulated Drawdown in the HJ Horizon within Five Miles of the Lost Creek Permit Area - No Recharge

SECTION 4.0 EFFLUENT CONTROL SYSTEMS
Section 4.1 Gaseous Emissions and Airborne Particulates
Figure 4.1-1 Pourbaix Diagram for Uranium in Non-Complexing Aqueous Media
Figure 4.1-2 Downwind Doses versus Distance from U_3O_8 Spill
Figure 4.1-3 Proposed Plant Ventilation

VOLUME 3 of 4 (continued)

SECTION 5.0 OPERATIONAL ORGANIZATION, MANAGEMENT, PROGRAMS, & TRAINING
Section 5.1 Corporate Organization and Administration
Figure 5.1-1 Lost Creek Project Management Organization Chart
Section 5.7 Radiation Safety Controls and Monitoring
Figure 5.7-1 Locations of In-Plant Radiologic Sampling

SECTION 6.0 GROUNDWATER QUALITY RESTORATION, SURFACE RECLAMATION, AND FACILITY DECOMMISSIONING
Section 6.2 Plans and Schedules for Groundwater Quality Restoration
Figure 6.2-1 Restoration Flow Diagram (repeat of Figure 3.2-6)

SECTION 7.0 ENVIRONMENTAL EFFECTS
Figure 7.2-1 Pathways for Potential Human Exposures
Figure 7.2-2 Locations of Modeled Receptor Points for the Lost Creek Project
Figure 7.2-3a Total Effective Dose Equivalent at Boundary Receptor Points - Preferred Plant Site
Figure 7.2-3b Comparison of MILDOS Results using Meteorological Data from LS and LC Stations
Figure 7.2-4 MILDOS-Calculated Doses to a Hypothetical Worker Located 328 Feet (100 Meters) from the Preferred Plant Site – Averaged over Direction

LIST OF TABLES

VOLUME 1 of 4

SECTION 2.0 SITE CHARACTERIZATION
Section 2.2 Use of Adjacent Lands and Water
Table 2.2-1 Hunting Statistics for Hunt Areas that Include the Permit Area
Table 2.2-2 Groundwater Rights
Table 2.2-3 Cancelled and Abandoned Wells
Table 2.2-4 Domestic and Stock Wells within Five Miles of the Project Area
Section 2.3 Population Distribution and Socioeconomic Conditions
Table 2.3-1 Demographic Information
Table 2.3-2 Population Distribution
Table 2.3-3 Population Forecasts for the Study Area
Table 2.3-4 Labor Force Statistics
Table 2.3-5 Average Rental Rates
Section 2.4 Historic, Scenic, and Cultural Resources
Section 2.4.1 Historic and Cultural Resources
(separate volume – requesting NRC confidentiality)
Section 2.5 Meteorology, Climatology, and Air Quality
Table 2.5-1a Comparison of Temperature Data - LS and Muddy Gap Meteorological Stations
Table 2.5-1b Comparison of Temperature Data - LC, LS, Muddy Gap, Jeffrey City, and Rawlins Meteorological Stations
Table 2.5-2a Monthly Maximum and Minimum Humidity Measured at the LS Meteorological Station
Table 2.5-2b Average Monthly Maximum and Minimum Humidity Measured at the LS and LC Meteorological Stations
Table 2.5-3 Distribution of Pasquill Stability Classes at LS
Table 2.5-4 Primary and Secondary Limits for National Ambient Air Quality Standards
Table 2.5-5 Allowable Increments for Prevention of Significant Deterioration of Air Quality
Table 2.5-6 PM_{10} Concentrations at Lost Creek
Section 2.6 Geology and Soils
Table 2.6-1 Permit Area Stratigraphy
Table 2.6-2 Permit Area Soil Map Units
Table 2.6-3 Permit Area Soil Suitability Ranges
Table 2.6-4 Abandonment Information for Historic Drill Holes

VOLUME 2 of 4

SECTION 2.0 SITE CHARACTERIZATION (continued)
Section 2.7 Hydrology
Table 2.7-1 Peak Flow Regression Equations
Table 2.7-2 Calculated Peak Flows for Three Principle Drainages
Table 2.7-3 Historic Water Quality Results for Battle Spring from the Sweetwater Mill Permit Application
Table 2.7-4 Water Quality Results for Seven Storm Water/Spring Snowmelt Samples Collected on 17 April 2007
Table 2.7-5 Monitor Well Data
Table 2.7-6 Water Level Data
Table 2.7-7 Horizontal Hydraulic Gradients
Table 2.7-8 Vertical Hydraulic Gradients
Table 2.7-9 1982 and 2006 Pump Test Results
Table 2.7-10 2007 LC19M Long-Term Pump Test Monitor Wells
Table 2.7-11a 2007 LC19M Pump Test Results
Table 2.7-11b 2007 LC16M Long-Term Pump Test Results
Table 2.7-12 Baseline Water Quality Monitoring Parameters
Table 2.7-13 Analytical Results of Baseline Monitoring
Table 2.7-14 Distribution of Samples Exceeding EPA MCL for Radium-226+228
Section 2.8 Ecology
Table 2.8-1 Summary of Vegetation Data
Table 2.8-2 Rare Plant Species
Table 2.8-3 Prohibited and Restricted Noxious Weeds
Table 2.8-4 Wildlife Species Observed or Potentially Occurring in the Permit Area
Table 2.8-5 Relative Abundance of Big Game Observations
Table 2.8-6 Sage Grouse Lek Counts
Table 2.8-7 Raptor Nest Locations
Table 2.8-8 T&E Wildlife Species Potentially Occurring in the Permit Area
Table 2.8-9 Wildlife Species of Special Concern
Section 2.9 Background Radiological Characteristics
Table 2.9-1 Soil Sampling and Correlation Grid Results
Table 2.9-2 Gamma Exposure Rate Differences from Two NaI Detector Heights
Table 2.9-3 Analytical Results for Passive Radon and Gamma Sampling
Table 2.9-4 Analytical Results for Radiological Air Particulate (High-Vol) Sampling

Table D6-6 Water Level Data (Page 1 of 18)

Well Name	Completion Zone	Measure Point Elevation	DTW [1]	WL Elev [2]	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev
			8/18/82	30181.00	6/22/07	6/22/07	6/27/07	6/27/07	7/2/07	7/2/07	7/3/07	7/3/07	7/7/07	7/7/07
HJMO-101	LFG	6949.70	-	-	-	-	-	-	-	-	-	-	-	-
HJMO-102	FG	6934.56	-	-	-	-	-	-	-	-	-	-	-	-
HJMO-103	FG	6936.29	-	-	-	-	-	-	-	-	-	-	-	-
HJMO-104	LFG	6940.76	-	-	-	-	-	-	-	-	-	-	-	-
HJMO-105	LFG	6938.00	-	-	-	-	-	-	-	-	-	-	-	-
HJMO-106	LFG	6941.75	-	-	-	-	-	-	-	-	-	-	-	-
HJMO-107	LFG	6937.86	-	-	-	-	-	-	-	-	-	-	-	-
HJMO-108	LFG	6951.64	-	-	-	-	-	-	-	-	-	-	-	-
HJMO-109	LFG	6938.95	-	-	-	-	-	-	-	-	-	-	-	-
HJMO-110	LFG	6947.13	-	-	-	-	-	-	-	-	-	-	-	-
HJMO-111	LFG	6950.46	-	-	-	-	-	-	-	-	-	-	-	-
HJMO-112	LFG	6935.51	-	-	-	-	-	-	-	-	-	-	-	-
HJMO-113	LFG	6936.97	-	-	-	-	-	-	-	-	-	-	-	-
HJMO-114	LFG	6940.75	-	-	-	-	-	-	-	-	-	-	-	-
HJMP-101	LHJ	6948.64	-	-	-	-	-	-	-	-	-	-	-	-
HJMP-102	MHJ-2	6936.15	-	-	-	-	-	-	-	-	-	-	-	-
HJMP-103	M1&M2	6936.49	-	-	-	-	-	-	-	-	-	-	-	-
HJMP-104	MHJ-2	6941.04	-	-	170.79	6770.25	171.81	6769.23	206.43	6734.61	208.25	6732.79	180.10	6760.94
HJMP-105	LHJ	6937.38	-	-	-	-	-	-	-	-	-	-	-	-
HJMP-106	LHJ	6941.29	-	-	-	-	-	-	-	-	-	-	-	-
HJMP-107	MHJ-1,2	6938.45	-	-	183.09	6755.36	183.61	6754.84	184.74	6753.71	184.95	6753.50	184.55	6753.90
HJMP-108	MHJ-2	6952.20	-	-	-	-	-	-	-	-	-	-	-	-
HJMP-109	LHJ	6939.10	-	-	-	-	-	-	-	-	-	-	-	-
HJMP-110	LHJ	6947.01	-	-	173.60	6773.41	174.89	6772.12	213.58	6733.43	215.37	6731.64	182.80	6764.21
HJMP-111	M1&2	6949.49	-	-	176.58	6772.91	176.94	6772.55	210.71	6738.78	212.50	6736.99	184.65	6764.84
HJMP-112	UHJ	6935.48	-	-	-	-	-	-	-	-	-	-	-	-
HJMP-113	MHJ-2	6937.26	-	-	-	-	-	-	-	-	-	-	-	-
HJMP-114	M1&2	6941.01	-	-	-	-	-	-	-	-	-	-	-	-
HJMU-101	UKM	6949.03	-	-	-	-	-	-	-	-	-	-	-	-
HJMU-102	UKM	6935.35	-	-	-	-	-	-	-	-	-	-	-	-
HJMU-103	UKM	6936.06	-	-	-	-	-	-	-	-	-	-	-	-
HJMU-104	UKM	6940.51	-	-	-	-	-	-	-	-	-	-	-	-
HJMU-105	UKM	6937.58	-	-	-	-	-	-	-	-	-	-	-	-
HJMU-106	UKM	6941.75	-	-	-	-	-	-	-	-	-	-	-	-
HJMU-107	UKM	6937.88	-	-	-	-	-	-	-	-	-	-	-	-
HJMU-108	UKM	6951.51	-	-	-	-	-	-	-	-	-	-	-	-
HJMU-109	UKM	6939.38	-	-	-	-	-	-	-	-	-	-	-	-
HJMU-110	UKM	6947.56	-	-	-	-	-	-	-	-	-	-	-	-
HJMU-111	UKM	6950.08	-	-	-	-	-	-	-	-	-	-	-	-
HJMU-112	UKM	6935.35	-	-	-	-	-	-	-	-	-	-	-	-
HJMU-113	UKM	6936.99	-	-	-	-	-	-	-	-	-	-	-	-
HJMU-114	UKM	6940.43	-	-	-	-	-	-	-	-	-	-	-	-

1 DTW - Depth to water in feet below measure point
2 WL. Elev. - Water Level Elevation in feet above mean sea level
† values not provided in Hydro-Search Inc 1982 report
(-) Water level not measured

Table D6-6 Water Level Data (Page 2 of 18)

Well Name	Completion Zone	Measure Point Elevation	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev
			8/18/82	30181.00	6/22/07	6/22/07	6/27/07	6/27/07	7/2/07	7/2/07	7/3/07	7/3/07	7/7/07	7/7/07
HJT-101	LHJ	6937.56	-	-	-	-	-	-	-	-	-	-	-	-
HJT-102	MHJ-2	6939.15	-	-	-	-	-	-	-	-	-	-	-	-
HJT-103	MHJ-1	6938.22	-	-	-	-	-	-	-	-	-	-	-	-
HJT-104	LHJ	6940.15	-	-	168.27	6771.88	169.51	6770.64	208.22	6731.93	209.95	6730.20	177.30	6762.85
HJT-105	UHJ	6938.87	-	-	-	-	170.09	6768.78	174.47	6764.40	175.02	6763.85	-	-
HJT-106	DE	6935.14	-	-	-	-	-	-	-	-	-	-	-	-
LC15M	LFG	6936.55	-	-	-	-	-	-	-	-	-	-	-	-
LC16M	HJ	6936.15	-	-	177.58	6758.57	178.14	6758.01	179.38	6756.77	179.61	6756.54	179.10	6757.05
LC17M	UKM	6936.90	-	-	-	-	-	-	-	-	-	-	-	-
LC18M	LFG	6948.97	-	-	167.98	6780.99	168.04	6780.93	169.00	6779.97	169.14	6779.83	168.60	6780.37
LC19M	HJ	6950.01	-	-	178.96	6771.05	180.08	6769.93	270.92	6679.09	273.40	6676.61	-	-
LC20M	UKM	6950.51	-	-	201.40	6749.11	202.36	6748.15	203.07	6747.44	203.23	6747.28	203.35	6747.16
LC24M	UKM	6944.33	-	-	-	-	-	-	-	-	-	-	-	-
LC25M	LFG	6936.40	-	-	166.25	6770.15	167.05	6769.35	168.43	6767.97	168.60	6767.80	167.90	6768.50
LC29M	DE	6937.55	-	-	-	-	-	-	-	-	-	-	-	-
UKMO-101	MHJ-2	6942.28	-	-	-	-	177.59	6764.69	182.78	6759.50	183.30	6758.98	179.80	6762.48
UKMO-102	MHJ-2	6940.79	-	-	-	-	165.15	6775.64	185.04	6755.75	186.69	6754.10	172.30	6768.49
UKMO-103	MHJ-2	6950.53	-	-	-	-	-	-	-	-	-	-	-	-
UKMP-101	UKM	6941.74	-	-	191.02	6750.72	192.13	6749.61	192.51	6749.23	192.66	6749.08	193.05	6748.69
UKMP-102	UKM	6942.10	-	-	189.51	6752.59	190.68	6751.42	191.63	6750.47	191.83	6750.27	191.80	6750.30
UKMP-103	UKM	6950.84	-	-	-	-	-	-	-	-	-	-	-	-
UKMU-101	MKM	6941.87	-	-	-	-	-	-	-	-	-	-	-	-
UKMU-102	MKM	6942.62	-	-	-	-	-	-	-	-	-	-	-	-
UKMU-103	MKM	6950.92	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-17-1D	UKM	6,967.40	†	6761.60	-	-	-	-	-	-	-	-	-	-
M-25-92-17-1M	HJ	6,966.70	†	6781.80	-	-	-	-	-	-	-	-	-	-
M-25-92-17-1S	LFG	6,966.20	†	6792.90	-	-	-	-	-	-	-	-	-	-
M-25-92-18-1D	UKM	6,938.70	†	6740.60	-	-	-	-	-	-	-	-	-	-
M-25-92-18-1M	HJ	6,940.00	†	6770.80	-	-	-	-	-	-	-	-	-	-
M-25-92-18-1S	LFG	6,939.30	†	6778.00	-	-	-	-	-	-	-	-	-	-
M-25-92-19-1M	HJ	6,926.10	†	6749.80	-	-	-	-	-	-	-	-	-	-
M-25-92-19-2M	HJ	6,925.50	†	6745.50	-	-	-	-	-	-	-	-	-	-
M-25-92-19-3M	HJ	6,923.90	†	6745.70	-	-	-	-	-	-	-	-	-	-
M-25-92-20-1D	UKM	6,935.00	†	6751.80	-	-	-	-	-	-	-	-	-	-
M-25-92-20-1M	HJ	6,934.90	†	6758.90	-	-	-	-	-	-	-	-	-	-
M-25-92-20-1S	LFG	6,934.50	†	6776.40	-	-	-	-	-	-	-	-	-	-

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(-) Water level not measured

Table D6-6 Water Level Data (Page 3 of 18)

Well Name	Completion Zone	Measure Point Elevation	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev
			8/18/82	30181.00	6/22/07	6/22/07	6/27/07	6/27/07	7/2/07	7/2/07	7/3/07	7/3/07	7/7/07	7/7/07
MB-1	DE	6,985.89	-	-	-	-	-	-	-	-	-	-	-	-
MB-2	FG	6,986.92	-	-	-	-	-	-	-	-	-	-	-	-
MB-3B	HJ	6,987.38	-	-	-	-	-	-	-	-	-	-	-	-
MB-4	KM	6,987.27	-	-	-	-	-	-	-	-	-	-	-	-
MB-5	FG	6,805.04	-	-	-	-	-	-	-	-	-	-	-	-
MB-6	HJ	6,804.90	-	-	-	-	-	-	-	-	-	-	-	-
MB-8	FG	6,985.50	-	-	-	-	-	-	-	-	-	-	-	-
MB-9	HJ	6,986.31	-	-	-	-	-	-	-	-	-	-	-	-

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2 WL. Elev. - Water Level Elevation in feet above mean sea level
† values not provided in Hydro-Search Inc 1982 report
(-) Water level not measured

Table D6-6 Water Level Data (Page 4 of 18)

Well Name	Completion Zone	Measure Point Elevation	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev
			7/9/07	7/9/07	10/8/07	10/8/07	10/9/07	10/9/07	10/22/07	10/22/07	10/23/07	10/23/07	10/24/07	10/24/07
HJMO-101	LFG	6949.70	-	-	-	-	169.43	6780.27	-	-	-	-	-	-
HJMO-102	FG	6934.56	-	-	-	-	157.62	6776.94	-	-	-	-	-	-
HJMO-103	FG	6936.29	-	-	-	-	158.40	6777.89	-	-	-	-	-	-
HJMO-104	LFG	6940.76	-	-	-	-	162.03	6778.73	-	-	-	-	-	-
HJMO-105	LFG	6938.00	-	-	-	-	159.16	6778.84	-	-	-	-	-	-
HJMO-106	LFG	6941.75	-	-	-	-	161.60	6780.15	-	-	-	-	-	-
HJMO-107	LFG	6937.86	-	-	-	-	163.12	6774.74	-	-	-	-	-	-
HJMO-108	LFG	6951.64	-	-	-	-	169.89	6781.75	-	-	-	-	-	-
HJMO-109	LFG	6938.95	-	-	-	-	162.05	6776.90	-	-	-	-	-	-
HJMO-110	LFG	6947.13	-	-	164.79	6782.34	164.93	6782.20	-	-	-	-	-	-
HJMO-111	LFG	6950.46	-	-	-	-	166.42	6784.04	-	-	-	-	-	-
HJMO-112	LFG	6935.51	-	-	-	-	156.94	6778.57	157.11	6778.40	157.02	6778.49	157.22	6778.29
HJMO-113	LFG	6936.97	-	-	-	-	159.32	6777.65	159.49	6777.48	159.61	6777.36	159.85	6777.12
HJMO-114	LFG	6940.75	-	-	-	-	160.73	6780.02	160.90	6779.85	160.77	6779.98	161.01	6779.74
HJMP-101	LHJ	6948.64	-	-	-	-	180.13	6768.51	180.32	6768.32	180.59	6768.05	180.86	6767.78
HJMP-102	MHJ-2	6936.15	-	-	-	-	173.76	6762.39	172.90	6763.25	173.01	6763.14	173.18	6762.97
HJMP-103	M1&M2	6936.49	-	-	-	-	169.72	6766.77	169.86	6766.63	170.00	6766.49	170.18	6766.31
HJMP-104	MHJ-2	6941.04	177.63	6763.41	-	-	176.25	6764.79	174.49	6766.55	174.64	6766.40	174.83	6766.21
HJMP-105	LHJ	6937.38	-	-	-	-	169.96	6767.42	170.10	6767.28	170.25	6767.13	170.46	6766.92
HJMP-106	LHJ	6941.29	-	-	-	-	172.15	6769.14	172.31	6768.98	172.52	6768.77	172.74	6768.55
HJMP-107	MHJ-1,2	6938.45	184.56	6753.89	-	-	184.66	6753.79	183.83	6754.62	197.37	6741.08	203.25	6735.20
HJMP-108	MHJ-2	6952.20	-	-	-	-	182.21	6769.99	182.35	6769.85	182.59	6769.61	182.83	6769.37
HJMP-109	LHJ	6939.10	-	-	-	-	185.90	6753.20	184.99	6754.11	196.80	6742.30	202.62	6736.48
HJMP-110	LHJ	6947.01	180.48	6766.53	176.38	6770.63	176.51	6770.50	176.71	6770.30	177.09	6769.92	177.41	6769.60
HJMP-111	M1&2	6949.49	182.46	6767.03	-	-	178.19	6771.30	177.81	6771.68	178.08	6771.41	178.34	6771.15
HJMP-112	UHJ	6935.48	-	-	-	-	179.22	6756.26	178.18	6757.30	189.98	6745.50	195.88	6739.60
HJMP-113	MHJ-2	6937.26	-	-	-	-	181.79	6755.47	180.74	6756.52	206.01	6731.25	211.65	6725.61
HJMP-114	M1&2	6941.01	-	-	-	-	181.53	6759.48	180.50	6760.51	198.14	6742.87	203.35	6737.66
HJMU-101	UKM	6949.03	-	-	-	-	200.92	6748.11	-	-	-	-	-	-
HJMU-102	UKM	6935.35	-	-	-	-	180.67	6754.68	-	-	-	-	-	-
HJMU-103	UKM	6936.06	-	-	-	-	190.83	6745.23	-	-	-	-	-	-
HJMU-104	UKM	6940.51	-	-	-	-	195.29	6745.22	-	-	-	-	-	-
HJMU-105	UKM	6937.58	-	-	-	-	193.03	6744.55	-	-	-	-	-	-
HJMU-106	UKM	6941.75	-	-	-	-	194.58	6747.17	-	-	-	-	-	-
HJMU-107	UKM	6937.88	-	-	-	-	190.05	6747.83	-	-	-	-	-	-
HJMU-108	UKM	6951.51	-	-	-	-	203.42	6748.09	-	-	-	-	-	-
HJMU-109	UKM	6939.38	-	-	-	-	190.44	6748.94	-	-	-	-	-	-
HJMU-110	UKM	6947.56	-	-	199.04	6748.52	199.25	6748.31	-	-	-	-	-	-
HJMU-111	UKM	6950.08	-	-	-	-	201.05	6749.03	-	-	-	-	-	-
HJMU-112	UKM	6935.35	-	-	-	-	183.91	6751.44	183.80	6751.55	184.08	6751.27	184.46	6750.89
HJMU-113	UKM	6936.99	-	-	-	-	186.57	6750.42	186.42	6750.57	186.69	6750.30	187.07	6749.92
HJMU-114	UKM	6940.43	-	-	-	-	188.57	6751.86	188.44	6751.99	188.62	6751.81	188.90	6751.53

1 DTW - Depth to water in feet below measure point
2 WL. Elev. - Water Level Elevation in feet above mean sea level
† values not provided in Hydro-Search Inc 1982 report
(-) Water level not measured

Table D6-6 Water Level Data (Page 5 of 18)

Well Name	Completion Zone	Measure Point Elevation	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev
			7/9/07	7/9/07	10/8/07	10/8/07	10/9/07	10/9/07	10/22/07	10/22/07	10/23/07	10/23/07	10/24/07	10/24/07
HJT-101	LHJ	6937.56	-	-	-	-	175.07	6762.49	175.25	6762.31	175.40	6762.16	175.65	6761.91
HJT-102	MHJ-2	6939.15	-	-	-	-	172.64	6766.51	172.81	6766.34	172.96	6766.19	173.15	6766.00
HJT-103	MHJ-1	6938.22	-	-	-	-	190.34	6747.88	189.98	6748.24	194.24	6743.98	198.48	6739.74
HJT-104	LHJ	6940.15	175.11	6765.04	170.73	6769.42	171.25	6768.90	171.35	6768.80	172.26	6767.89	172.88	6767.27
HJT-105	UHJ	6938.87	171.94	6766.93	170.88	6767.99	171.42	6767.45	171.18	6767.69	179.44	6759.43	183.22	6755.65
HJT-106	DE	6935.14	-	-	-	-			-	-	-	-	-	-
LC15M	LFG	6936.55	-	-	-	-	157.47	6779.08	157.62	6778.93	157.54	6779.01	157.70	6778.85
LC16M	HJ	6936.15	179.04	6757.11	178.27	6757.88	178.81	6757.34	178.77	6757.38	237.04	6699.11	242.30	6693.85
LC17M	UKM	6936.90	-	-	-	-	186.08	6750.82	185.96	6750.94	186.24	6750.66	186.62	6750.28
LC18M	LFG	6948.97	168.58	6780.39	-	-	168.19	6780.78	-	-	-	-	-	-
LC19M	HJ	6950.01	185.47	6764.54	-	-	181.02	6768.99	-	-	-	-	-	-
LC20M	UKM	6950.51	203.42	6747.09	-	-	202.65	6747.86	-	-	-	-	-	-
LC24M	UKM	6944.33	-	-	192.13	6752.20	192.28	6752.05	192.33	6752.00	192.49	6751.84	192.59	6751.74
LC25M	LFG	6936.40	167.73	6768.67	-	-	166.80	6769.60	155.19	6782.36	155.16	6782.39	-	-
LC29M	DE	6937.55	-	-	-	-	155.07	6782.48	178.50	6763.78	189.41	6752.87	155.04	6782.51
UKMO-101	MHJ-2	6942.28	170.45	6771.83	178.27	6764.01	179.10	6763.18	166.79	6774.00	167.05	6773.74	193.72	6748.56
UKMO-102	MHJ-2	6940.79	179.44	6761.35	166.56	6774.23	166.67	6774.12	175.19	6775.34	175.55	6774.98	167.46	6773.33
UKMO-103	MHJ-2	6950.53	-	-	175.08	6775.45	175.10	6775.43	192.61	6749.13	192.75	6748.99	175.80	6774.75
UKMP-101	UKM	6941.74	193.15	6748.59	192.45	6749.29	192.54	6749.20	191.36	6750.74	191.95	6750.15	192.81	6774.71
UKMP-102	UKM	6942.10	191.84	6750.26	192.58	6749.52	191.98	6750.12	-	-	-	-	192.19	6774.73
UKMP-103	UKM	6950.84	-	-	198.56	6752.28	198.30	6752.54	-	-	-	-	-	6748.93
UKMU-101	MKM	6941.87	-	-	193.12	6748.75	193.18	6748.69	193.24	6748.63	193.30	6748.57	-	6749.91
UKMU-102	MKM	6942.62	-	-	191.97	6750.65	192.07	6750.55	192.14	6750.48	192.28	6750.34	192.32	6750.30
UKMU-103	MKM	6950.92	-	-	198.63	6752.29	198.67	6752.25	-	-	-	-	-	-
M-25-92-17-1D	UKM	6,967.40	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-17-1M	HJ	6,966.70	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-17-1S	LFG	6,966.20	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-18-1D	UKM	6,938.70	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-18-1M	HJ	6,940.00	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-18-1S	LFG	6,939.30	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-19-1M	HJ	6,926.10	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-19-2M	HJ	6,925.50	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-19-3M	HJ	6,923.90	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-20-1D	UKM	6,935.00	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-20-1M	HJ	6,934.90	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-20-1S	LFG	6,934.50	-	-	-	-	-	-	-	-	-	-	-	-

1 DTW - Depth to water in feet below measure point
2 WL. Elev. - Water Level Elevation in feet above mean sea level
† values not provided in Hydro-Search Inc 1982 report
(-) Water level not measured

Table D6-6 Water Level Data (Page 6 of 18)

Well Name	Completion Zone	Measure Point Elevation	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev
			7/9/07	7/9/07	10/8/07	10/8/07	10/9/07	10/9/07	10/22/07	10/22/07	10/23/07	10/23/07	10/24/07	10/24/07
MB-1	DE	6,985.89	-	-	-	-	-	-	-	-	-	-	-	-
MB-2	FG	6,986.92	-	-	-	-	-	-	-	-	-	-	-	-
MB-3B	HJ	6,987.38	-	-	-	-	-	-	-	-	-	-	-	-
MB-4	KM	6,987.27	-	-	-	-	-	-	-	-	-	-	-	-
MB-5	FG	6,805.04	-	-	-	-	-	-	-	-	-	-	-	-
MB-6	HJ	6,804.90	-	-	-	-	-	-	-	-	-	-	-	-
MB-8	FG	6,985.50	-	-	-	-	-	-	-	-	-	-	-	-
MB-9	HJ	6,986.31	-	-	-	-	-	-	-	-	-	-	-	-

1 DTW - Depth to water in feet below measure point
2 WL. Elev. - Water Level Elevation in feet above mean sea level
† values not provided in Hydro-Search Inc 1982 report
(-) Water level not measured

Table D6-6 Water Level Data (Page 7 of 18)

Well Name	Completion Zone	Measure Point Elevation	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev
			10/25/07	10/25/07	10/26/07	10/26/07	10/29/07	10/29/07	10/31/07	10/31/07	11/5/07	11/5/07	11/8/07	11/8/07	11/9/07	11/9/07
HJMO-101	LFG	6949.70	-	-	-	-	169.51	6780.19	169.45	6780.25	169.44	6780.26	169.36	6780.34	-	-
HJMO-102	FG	6934.56	-	-	-	-	157.65	6776.91	-	-	157.60	6776.96	157.53	6777.03	-	-
HJMO-103	FG	6936.29	-	-	-	-	158.45	6777.84	158.39	6777.90	158.40	6777.89	158.34	6777.95	-	-
HJMO-104	LFG	6940.76	-	-	-	-	162.05	6778.71	162.00	6778.76	162.02	6778.74	161.94	6778.82	-	-
HJMO-105	LFG	6938.00	-	-	-	-	159.17	6778.83	159.13	6778.87	159.15	6778.85	159.09	6778.91	-	-
HJMO-106	LFG	6941.75	-	-	-	-	161.54	6780.21	-	-	160.49	6781.26	161.42	6780.33	-	-
HJMO-107	LFG	6937.86	-	-	-	-	163.96	6773.90	163.74	6774.12	163.49	6774.37	163.32	6774.54	-	-
HJMO-108	LFG	6951.64	-	-	-	-	169.94	6781.70	169.90	6781.74	169.90	6781.74	169.81	6781.83	-	-
HJMO-109	LFG	6938.95	-	-	-	-	163.09	6775.86	162.79	6776.16	162.54	6776.41	162.38	6776.57	-	-
HJMO-110	LFG	6947.13	-	-	-	-	164.99	6782.14	164.92	6782.21	164.92	6782.21	164.85	6782.28	-	-
HJMO-111	LFG	6950.46	-	-	-	-	165.46	6785.00	166.41	6784.05	166.41	6784.05	166.34	6784.12	166.16	6784.30
HJMO-112	LFG	6935.51	157.28	6778.23	157.43	6778.08	157.95	6777.56	157.73	6777.78	157.51	6778.00	-	-	-	-
HJMO-113	LFG	6936.97	159.51	6777.46	160.07	6776.90	160.33	6776.64	160.05	6776.92	159.80	6777.17	-	-	159.56	6777.41
HJMO-114	LFG	6940.75	161.12	6779.63	161.72	6779.03	162.58	6778.17	162.29	6778.46	161.91	6778.84	-	-	-	-
HJMP-101	LHJ	6948.64	181.05	6767.59	181.21	6767.43	181.54	6767.10	181.33	6767.31	181.00	6767.64	180.80	6767.84	-	-
HJMP-102	MHJ-2	6936.15	173.31	6762.84	173.51	6762.64	173.93	6762.22	-	-	173.51	6762.64	173.33	6762.82	-	-
HJMP-103	M1&M2	6936.49	170.31	6766.18	170.52	6765.97	170.91	6765.58	170.78	6765.71	170.50	6765.99	170.32	6766.17	-	-
HJMP-104	MHJ-2	6941.04	174.98	6766.06	175.19	6765.85	175.57	6765.47	175.43	6765.61	175.13	6765.91	174.94	6766.10	-	-
HJMP-105	LHJ	6937.38	170.62	6766.76	170.83	6766.55	171.20	6766.18	171.04	6766.34	170.75	6766.63	170.56	6766.82	-	-
HJMP-106	LHJ	6941.29	172.90	6768.39	173.12	6768.17	173.44	6767.85	-	-	172.98	6768.31	172.78	6768.51	-	-
HJMP-107	MHJ-1,2	6938.45	206.73	6731.72	208.75	6729.70	195.75	6742.70	-	-	185.30	6753.15	184.45	6754.00	-	-
HJMP-108	MHJ-2	6952.20	182.99	6769.21	183.22	6768.98	183.50	6768.70	-	-	183.02	6769.18	182.82	6769.38	-	-
HJMP-109	LHJ	6939.10	206.05	6733.05	208.08	6731.02	196.96	6742.14	191.03	6748.07	186.62	6752.48	175.83	6763.27	-	-
HJMP-110	LHJ	6947.01	177.62	6769.39	177.88	6769.13	177.97	6769.04	-	-	177.36	6769.65	177.17	6769.84	-	-
HJMP-111	M1&2	6949.49	178.52	6770.97	178.76	6770.73	178.99	6770.50	178.80	6770.69	178.40	6771.09	178.28	6771.21	-	-
HJMP-112	UHJ	6935.48	199.45	6736.03	201.39	6734.09	190.00	6745.48	184.11	6751.37	179.67	6755.81	-	-	-	-
HJMP-113	MHJ-2	6937.26	214.89	6722.37	216.82	6720.44	192.36	6744.90	-	-	182.25	6755.01	-	-	181.25	6756.01
HJMP-114	M1&2	6941.01	206.46	6734.55	208.28	6732.73	191.21	6749.80	-	-	181.77	6759.24	-	-	-	-
HJMU-101	UKM	6949.03	-	-	-	-	201.40	6747.63	201.30	6747.73	201.19	6747.84	201.06	6747.97	205.26	6743.77
HJMU-102	UKM	6935.35	-	-	-	-	181.52	6753.83	-	-	181.18	6754.17	181.10	6754.25		
HJMU-103	UKM	6936.06	-	-	-	-	191.33	6744.73	191.30	6744.76	191.50	6744.56	191.04	6745.02	192.70	6743.36
HJMU-104	UKM	6940.51	-	-	-	-	195.71	6744.80	195.66	6744.85	195.57	6744.94	195.44	6745.07	197.13	6743.38
HJMU-105	UKM	6937.58	-	-	-	-	192.50	6745.08	192.44	6745.14	192.36	6745.22	192.24	6745.34	194.16	6743.42
HJMU-106	UKM	6941.75	-	-	-	-	194.96	6746.79	-	-	194.78	6746.97	194.64	6747.11	198.27	6743.48
HJMU-107	UKM	6937.88	-	-	-	-	193.11	6744.77	191.75	6746.13	190.47	6747.41	190.08	6747.80	191.55	6746.33
HJMU-108	UKM	6951.51	-	-	-	-	203.81	6747.70	-	-	203.61	6747.90	203.47	6748.04	208.14	6743.37
HJMU-109	UKM	6939.38	-	-	-	-	192.27	6747.11	191.79	6747.59	191.61	6747.77	180.95	6758.43	191.44	6747.94
HJMU-110	UKM	6947.56	-	-	-	-	199.65	6747.91	-	-	199.39	6748.17	199.28	6748.28		
HJMU-111	UKM	6950.08	-	-	-	-	201.37	6748.71	201.29	6748.79	201.11	6748.97	201.05	6749.03		
HJMU-112	UKM	6935.35	184.82	6750.53	185.27	6750.08	185.56	6749.79	185.16	6750.19	184.62	6750.73			184.50	6750.85
HJMU-113	UKM	6936.99	187.44	6749.55	187.88	6749.11	188.19	6748.80	187.80	6749.19	187.25	6749.74			187.19	6749.80
HJMU-114	UKM	6940.43	189.15	6751.28	189.54	6750.89	190.02	6750.41	189.74	6750.69	189.26	6751.17			189.16	6751.27

1 DTW - Depth to water in feet below measure point
2 WL. Elev. - Water Level Elevation in feet above mean sea level
† values not provided in Hydro-Search Inc 1982 report
(-) Water level not measured

Table D6-6 Water Level Data (Page 8 of 18)

Well Name	Completion Zone	Measure Point Elevation	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev
			10/25/07	10/25/07	10/26/07	10/26/07	10/29/07	10/29/07	10/31/07	10/31/07	11/5/07	11/5/07	11/8/07	11/8/07	11/9/07	11/9/07
HJT-101	LHJ	6937.56	175.84	6761.72	176.10	6761.46	176.55	6761.01	-	-	175.92	6761.64	175.77	6761.79	-	-
HJT-102	MHJ-2	6939.15	173.31	6765.84	173.52	6765.63	173.90	6765.25	173.76	6765.39	173.45	6765.70	173.25	6765.90	-	-
HJT-103	MHJ-1	6938.22	201.51	6736.71	203.42	6734.80	200.35	6737.87	195.48	6742.74	191.54	6746.68	190.73	6747.49	-	-
HJT-104	LHJ	6940.15	173.24	6766.91	173.58	6766.57	173.13	6767.02	-	-	172.03	6768.12	172.84	6767.31	-	-
HJT-105	UHJ	6938.87	185.47	6753.40	186.82	6752.05	179.11	6759.76	-	-	172.66	6766.21	-	-	172.19	6766.68
HJT-106	DE	6935.14	-	-	-	-	-	-	153.52	6781.62	153.52	6781.62	153.47	6781.67	-	-
LC15M	LFG	6936.55	157.69	6778.86	157.84	6778.71	153.63	6781.51	-	-	158.11	6778.44	-	-	157.89	6778.66
LC16M	HJ	6936.15	244.90	6691.25	246.67	6689.48	158.34	6778.21	-	-	180.05	6756.10	-	-	179.20	6756.95
LC17M	UKM	6936.90	186.95	6749.95	187.34	6749.56	187.69	6749.21	-	-	186.77	6750.13	-	-	-	-
LC18M	LFG	6948.97	-	-	-	-	168.25	6780.72	-	-	168.18	6780.79	168.10	6780.87	-	-
LC19M	HJ	6950.01	-	-	-	-	181.96	6768.05	-	-	181.46	6768.55	181.27	6768.74	-	-
LC20M	UKM	6950.51	-	-	-	-	203.10	6747.41	-	-	202.84	6747.67	202.75	6747.76	-	-
LC24M	UKM	6944.33	192.59	6751.74	192.72	6751.61	192.60	6751.73	192.48	6751.85	192.35	6751.98			-	-
LC25M	LFG	6936.40	-	-	-	-	-	-	164.24	6772.16	164.08	6772.32	163.92	6772.48	-	-
LC29M	DE	6937.55	154.87	6782.68	154.97	6782.58	-	-	-	-		-	-	-	-	-
UKMO-101	MHJ-2	6942.28	196.16	6746.12	197.56	6744.72	187.07	6755.21	-	-	180.03	6762.25	-	-	179.73	6762.55
UKMO-102	MHJ-2	6940.79	167.66	6773.13	167.92	6772.87	168.07	6772.72	-	-	185.46	6755.33	-	-	167.05	6773.74
UKMO-103	MHJ-2	6950.53	175.97	6774.56	176.20	6774.33	176.42	6774.11	-	-	175.94	6774.59	175.74	6774.79	-	-
UKMP-101	UKM	6941.74	192.78	6748.96	192.91	6748.83	193.00	6748.74	192.92	6748.82	192.76	6748.98	-	-	-	-
UKMP-102	UKM	6942.10	192.28	6749.82	192.45	6749.65	192.00	6750.10	191.75	6750.35	191.49	6750.61	-	-	-	-
UKMP-103	UKM	6950.84	-	-	-	-	-	-	-	-	198.90	6751.94	198.85	6751.99	319.27	6631.57
UKMU-101	MKM	6941.87	193.31	6748.56	193.45	6748.42	193.65	6748.22	193.59	6748.28	193.38	6748.49	-	-	196.95	6744.92
UKMU-102	MKM	6942.62	192.27	6750.35	192.39	6750.23	192.46	6750.16	192.35	6750.27	192.30	6750.32	-	-	198.66	6743.96
UKMU-103	MKM	6950.92	-	-	-	-	199.12	6751.80	199.09	6751.83	198.95	6751.97	-	-	-	-
M-25-92-17-1D	UKM	6,967.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-17-1M	HJ	6,966.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-17-1S	LFG	6,966.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-18-1D	UKM	6,938.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-18-1M	HJ	6,940.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-18-1S	LFG	6,939.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-19-1M	HJ	6,926.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-19-2M	HJ	6,925.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-19-3M	HJ	6,923.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-20-1D	UKM	6,935.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-20-1M	HJ	6,934.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-20-1S	LFG	6,934.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1 DTW - Depth to water in feet below measure point
2 WL. Elev. - Water Level Elevation in feet above mean sea level
† values not provided in Hydro-Search Inc 1982 report
(-) Water level not measured

Table D6-6 Water Level Data (Page 9 of 18)

Well Name	Completion Zone	Measure Point Elevation	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev
			10/25/07	10/25/07	10/26/07	10/26/07	10/29/07	10/29/07	10/31/07	10/31/07	11/5/07	11/5/07	11/8/07	11/8/07	11/9/07	11/9/07
MB-1	DE	6,985.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MB-2	FG	6,986.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MB-3B	HJ	6,987.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MB-4	KM	6,987.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MB-5	FG	6,805.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MB-6	HJ	6,804.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MB-8	FG	6,985.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MB-9	HJ	6,986.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1 DTW - Depth to water in feet below measure point
2 WL. Elev. - Water Level Elevation in feet above mean sea level
† values not provided in Hydro-Search Inc 1982 report
(-) Water level not measured

Table D6-6 Water Level Data (Page 10 of 18)

Well Name	Completion Zone	Measure Point Elevation	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev
			11/10/07	11/10/07	11/11/07	11/11/07	11/12/07	11/12/07	11/13/07	11/13/07	11/14/07	11/14/07	11/15/07	11/15/07	11/21/07	11/21/07
HJMO-101	LFG	6949.70	-	-	-	-	-	-	-	-	169.48	6780.22	-	-	169.47	6780.23
HJMO-102	FG	6934.56	-	-	-	-	-	-	-	-	157.66	6776.90	-	-	154.66	6779.90
HJMO-103	FG	6936.29	-	-	-	-	-	-	-	-	158.42	6777.87	-	-	158.45	6777.84
HJMO-104	LFG	6940.76	-	-	-	-	-	-	-	-	162.04	6778.72	-	-	162.34	6778.42
HJMO-105	LFG	6938.00	-	-	-	-	-	-	-	-	159.17	6778.83	-	-	159.20	6778.80
HJMO-106	LFG	6941.75	-	-	-	-	-	-	-	-	161.52	6780.23	-	-	161.55	6780.20
HJMO-107	LFG	6937.86	-	-	-	-	-	-	-	-	163.35	6774.51	-	-	163.29	6774.57
HJMO-108	LFG	6951.64	-	-	-	-	-	-	-	-	169.92	6781.72	-	-	169.95	6781.69
HJMO-109	LFG	6938.95	-	-	-	-	-	-	-	-	162.42	6776.53	-	-	162.38	6776.57
HJMO-110	LFG	6947.13	-	-	-	-	-	-	-	-	164.94	6782.19	-	-	164.98	6782.15
HJMO-111	LFG	6950.46	166.12	6784.34	166.09	6784.37	166.33	6784.13	166.30	6784.16	166.40	6784.06	166.51	6783.95	166.49	6783.97
HJMO-112	LFG	6935.51	-	-	-	-	-	-	-	-	157.35	6778.16	-	-	157.29	6778.22
HJMO-113	LFG	6936.97	159.49	6777.48	159.42	6777.55	159.63	6777.34	159.64	6777.33	159.76	6777.21	159.61	6777.36	159.63	6777.34
HJMO-114	LFG	6940.75	-	-	-	-	-	-	-	-	161.68	6779.07	-	-	161.60	6779.15
HJMP-101	LHJ	6948.64	-	-	-	-	-	-	-	-	181.12	6767.52	-	-	181.10	6767.54
HJMP-102	MHJ-2	6936.15	-	-	-	-	-	-	-	-	173.89	6762.26	-	-	175.67	6760.48
HJMP-103	M1&M2	6936.49	-	-	-	-	-	-	-	-	170.61	6765.88	-	-	170.60	6765.89
HJMP-104	MHJ-2	6941.04	-	-	-	-	-	-	-	-	175.26	6765.78	-	-	175.21	6765.83
HJMP-105	LHJ	6937.38	-	-	-	-	-	-	-	-	170.89	6766.49	-	-	170.85	6766.53
HJMP-106	LHJ	6941.29	-	-	-	-	-	-	-	-	173.04	6768.25	-	-	173.07	6768.22
HJMP-107	MHJ-1,2	6938.45	-	-	-	-	-	-	-	-	184.30	6754.15	-	-	183.94	6754.51
HJMP-108	MHJ-2	6952.20	-	-	-	-	-	-	-	-	183.06	6769.14	-	-	183.10	6769.10
HJMP-109	LHJ	6939.10	-	-	-	-	-	-	-	-	185.71	6753.39	-	-	185.25	6753.85
HJMP-110	LHJ	6947.01	-	-	-	-	-	-	-	-	177.43	6769.58	-	-	177.44	6769.57
HJMP-111	M1&2	6949.49	-	-	178.11	6771.38	178.28	6771.21	178.28	6771.21	178.49	6771.00	178.60	6770.89	178.55	6770.94
HJMP-112	UHJ	6935.48	-	-	-	-	-	-	-	-	178.56	6756.92	-	-	178.24	6757.24
HJMP-113	MHJ-2	6937.26	181.15	6756.11	181.09	6756.17	181.19	6756.07	181.21	6756.05	181.20	6756.06	181.00	6756.26	180.84	6756.42
HJMP-114	M1&2	6941.01	-	-	-	-	-	-	-	-	180.75	6760.26	-	-	180.37	6760.64
HJMU-101	UKM	6949.03	206.94	6742.09	208.16	6740.87	209.03	6740.00	209.91	6739.12	210.19	6738.84	206.38	6742.65	202.49	6746.54
HJMU-102	UKM	6935.35			182.52	6752.83	183.01	6752.34	183.19	6752.16	183.62	6751.73	183.21	6752.14	181.91	6753.44
HJMU-103	UKM	6936.06	193.88	6742.18	194.83	6741.23	195.60	6740.46	196.53	6739.53	196.55	6739.51	195.25	6740.81	192.34	6743.72
HJMU-104	UKM	6940.51	198.28	6742.23	199.22	6741.29	200.00	6740.51	200.92	6739.59	200.98	6739.53	199.60	6740.91	196.73	6743.78
HJMU-105	UKM	6937.58	195.42	6742.16	196.40	6741.18	197.98	6739.60	198.56	6739.02	198.18	6739.40	196.57	6741.01	193.56	6744.02
HJMU-106	UKM	6941.75	199.94	6741.81	201.02	6740.73	201.87	6739.88	202.36	6739.39	203.01	6738.74	199.75	6742.00	196.05	6745.70
HJMU-107	UKM	6937.88	192.30	6745.58	192.83	6745.05	193.33	6744.55	193.85	6744.03	193.89	6743.99	192.51	6745.37	190.60	6747.28
HJMU-108	UKM	6951.51	209.90	6741.61	211.11	6740.40	212.00	6739.51	212.98	6738.53	213.18	6738.33	208.90	6742.61	204.92	6746.59
HJMU-109	UKM	6939.38	191.85	6747.53	192.21	6747.17	192.62	6746.76	192.83	6746.55	193.11	6746.27	192.59	6746.79	191.45	6747.93
HJMU-110	UKM	6947.56			207.36	6740.20	208.24	6739.32	208.80	6738.76	209.45	6738.11	204.72	6742.84	200.73	6746.83
HJMU-111	UKM	6950.08			210.51	6739.57	211.40	6738.68	212.00	6738.08	212.68	6737.40	206.59	6743.49	202.51	6747.57
HJMU-112	UKM	6935.35	184.78	6750.57	185.04	6750.31	185.44	6749.91	185.75	6749.60	185.89	6749.46	185.61	6749.74	184.81	6750.54
HJMU-113	UKM	6936.99	187.49	6749.50	187.75	6749.24	188.14	6748.85	188.45	6748.54	188.58	6748.41	188.31	6748.68	187.48	6749.51
HJMU-114	UKM	6940.43	189.44	6750.99	189.74	6750.69	190.06	6750.37	190.37	6750.06	190.50	6749.93	190.32	6750.11	189.47	6750.96

1 DTW - Depth to water in feet below measure point
2 WL. Elev. - Water Level Elevation in feet above mean sea level
† values not provided in Hydro-Search Inc 1982 report
(-) Water level not measured

Table D6-6 Water Level Data (Page 11 of 18)

Well Name	Completion Zone	Measure Point Elevation	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev
			11/10/07	11/10/07	11/11/07	11/11/07	11/12/07	11/12/07	11/13/07	11/13/07	11/14/07	11/14/07	11/15/07	11/15/07	11/21/07	11/21/07
HJT-101	LHJ	6937.56	-	-	-	-	-	-	-	-	176.21	6761.35	-	-	176.04	6761.52
HJT-102	MHJ-2	6939.15	-	-	-	-	-	-	-	-	173.61	6765.54	-	-	173.55	6765.60
HJT-103	MHJ-1	6938.22	-	-	-	-	-	-	-	-	190.54	6747.68	-	-	190.28	6747.94
HJT-104	LHJ	6940.15	-	-	-	-	-	-	-	-	172.21	6767.94	-	-	172.08	6768.07
HJT-105	UHJ	6938.87	172.28	6766.59	172.31	6766.56	172.45	6766.42	172.53	6766.34	172.58	6766.29	-	-	171.68	6767.19
HJT-106	DE	6935.14	-	-	-	-	-	-	-	-	153.61	6781.53	-	-	153.58	6781.56
LC15M	LFG	6936.55	157.80	6778.75	157.74	6778.81	157.97	6778.58	157.95	6778.60	157.97	6778.58	157.92	6778.63	157.94	6778.61
LC16M	HJ	6936.15	179.05	6757.10	179.09	6757.06	179.00	6757.15	179.07	6757.08	179.00	6757.15	178.90	6757.25	178.78	6757.37
LC17M	UKM	6936.90	-	-	187.27	6749.63	187.61	6749.29	187.72	6749.18	188.08	6748.82	187.80	6749.10	186.96	6749.94
LC18M	LFG	6948.97	-	-	-	-	-	-	-	-	168.21	6780.76	-	-	168.11	6780.86
LC19M	HJ	6950.01	-	-	-	-	-	-	-	-	181.52	6768.49	-	-	181.41	6768.60
LC20M	UKM	6950.51	-	-	209.95	6740.56	210.85	6739.66	211.41	6739.10	212.00	6738.51	208.09	6742.42	204.20	6746.31
LC24M	UKM	6944.33	-	-	206.73	6737.60	207.68	6736.65	208.28	6736.05	208.96	6735.37	197.99	6746.34	193.68	6750.65
LC25M	LFG	6936.40	-	-	-	-	-	-	-	-	160.85	6775.55	-	-	163.76	6772.64
LC29M	DE	6937.55	-	-	-	-	-	-	-	-	-	-	-	-	155.14	6782.41
UKMO-101	MHJ-2	6942.28	179.84	6762.44	179.91	6762.37	180.09	6762.19	180.15	6762.13	180.23	6762.05	179.56	6762.72	179.00	6763.28
UKMO-102	MHJ-2	6940.79	167.03	6773.76	167.05	6773.74	167.25	6773.54	167.22	6773.57	167.42	6773.37	167.58	6773.21	167.52	6773.27
UKMO-103	MHJ-2	6950.53	-	-	175.55	6774.98	175.73	6774.80	175.68	6774.85	175.94	6774.59	175.94	6774.59	176.02	6774.51
UKMP-101	UKM	6941.74	-	-	200.66	6741.08	201.57	6740.17	202.11	6739.63	202.79	6738.95	197.96	6743.78	194.09	6747.65
UKMP-102	UKM	6942.10	-	-	203.10	6739.00	203.97	6738.13	204.55	6737.55	205.29	6736.81	197.05	6745.05	192.81	6749.29
UKMP-103	UKM	6950.84	-	-	322.45	6628.39	323.16	6627.68	324.03	6626.81	-	-	204.53	6746.31	200.30	6750.54
UKMU-101	MKM	6941.87	198.66	6743.21	199.74	6742.13	200.61	6741.26	201.58	6740.29	201.28	6740.59	198.34	6743.53	194.69	6747.18
UKMU-102	MKM	6942.62	200.72	6741.90	201.91	6740.71	202.85	6739.77	203.43	6739.19	204.10	6738.52	197.76	6744.86	193.60	6749.02
UKMU-103	MKM	6950.92	-	-	210.66	6740.26	211.61	6739.31	212.10	6738.82	212.89	6738.03	204.47	6746.45	200.39	6750.53
M-25-92-17-1D	UKM	6,967.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-17-1M	HJ	6,966.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-17-1S	LFG	6,966.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-18-1D	UKM	6,938.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-18-1M	HJ	6,940.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-18-1S	LFG	6,939.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-19-1M	HJ	6,926.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-19-2M	HJ	6,925.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-19-3M	HJ	6,923.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-20-1D	UKM	6,935.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-20-1M	HJ	6,934.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-20-1S	LFG	6,934.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1 DTW - Depth to water in feet below measure point
2 WL. Elev. - Water Level Elevation in feet above mean sea level
† *values not provided in Hydro-Search Inc 1982 report*
(-) Water level not measured

Table D6-6 Water Level Data (Page 12 of 18)

Well Name	Completion Zone	Measure Point Elevation	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev
			11/10/07	11/10/07	11/11/07	11/11/07	11/12/07	11/12/07	11/13/07	11/13/07	11/14/07	11/14/07	11/15/07	11/15/07	11/21/07	11/21/07
MB-1	DE	6,985.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MB-2	FG	6,986.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MB-3B	HJ	6,987.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MB-4	KM	6,987.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MB-5	FG	6,805.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MB-6	HJ	6,804.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MB-8	FG	6,985.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MB-9	HJ	6,986.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1 DTW - Depth to water in feet below measure point
2 WL. Elev. - Water Level Elevation in feet above mean sea level
† values not provided in Hydro-Search Inc 1982 report
(-) Water level not measured

Table D6-6 Water Level Data (Page 13 of 18)

Well Name	Completion Zone	Measure Point Elevation	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev
			8/27/09	8/27/09	8/26/09	8/26/09	8/31/09	8/31/09	12/14/09	12/14/09	12/14/09	12/14/09	1/4/10	1/4/10	3/30/10	3/30/10
HJMO-101	LFG	6949.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMO-102	FG	6934.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMO-103	FG	6936.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMO-104	LFG	6940.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMO-105	LFG	6938.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMO-106	LFG	6941.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMO-107	LFG	6937.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMO-108	LFG	6951.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMO-109	LFG	6938.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMO-110	LFG	6947.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMO-111	LFG	6950.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMO-112	LFG	6935.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMO-113	LFG	6936.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMO-114	LFG	6940.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMP-101	LHJ	6948.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMP-102	MHJ-2	6936.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMP-103	M1&M2	6936.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMP-104	MHJ-2	6941.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMP-105	LHJ	6937.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMP-106	LHJ	6941.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMP-107	MHJ-1,2	6938.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMP-108	MHJ-2	6952.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMP-109	LHJ	6939.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMP-110	LHJ	6947.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMP-111	M1&2	6949.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMP-112	UHJ	6935.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMP-113	MHJ-2	6937.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMP-114	M1&2	6941.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMU-101	UKM	6949.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMU-102	UKM	6935.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMU-103	UKM	6936.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMU-104	UKM	6940.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMU-105	UKM	6937.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMU-106	UKM	6941.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMU-107	UKM	6937.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMU-108	UKM	6951.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMU-109	UKM	6939.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMU-110	UKM	6947.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMU-111	UKM	6950.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMU-112	UKM	6935.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMU-113	UKM	6936.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJMU-114	UKM	6940.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1 DTW - Depth to water in feet below measure point
2 WL. Elev. - Water Level Elevation in feet above mean sea level
† values not provided in Hydro-Search Inc 1982 report
(-) Water level not measured

Table D6-6 Water Level Data (Page 14 of 18)

Well Name	Completion Zone	Measure Point Elevation	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev
			8/27/09	8/27/09	8/26/09	8/26/09	8/31/09	8/31/09	12/14/09	12/14/09	12/14/09	12/14/09	1/4/10	1/4/10	3/30/10	3/30/10
HJT-101	LHJ	6937.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJT-102	MHJ-2	6939.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJT-103	MHJ-1	6938.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJT-104	LHJ	6940.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJT-105	UHJ	6938.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HJT-106	DE	6935.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LC15M	LFG	6936.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LC16M	HJ	6936.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LC17M	UKM	6936.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LC18M	LFG	6948.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LC19M	HJ	6950.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LC20M	UKM	6950.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LC24M	UKM	6944.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LC25M	LFG	6936.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LC29M	DE	6937.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UKMO-101	MHJ-2	6942.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UKMO-102	MHJ-2	6940.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UKMO-103	MHJ-2	6950.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UKMP-101	UKM	6941.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UKMP-102	UKM	6942.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UKMP-103	UKM	6950.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UKMU-101	MKM	6941.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UKMU-102	MKM	6942.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UKMU-103	MKM	6950.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-17-1D	UKM	6,967.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-17-1M	HJ	6,966.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-17-1S	LFG	6,966.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-18-1D	UKM	6,938.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-18-1M	HJ	6,940.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-18-1S	LFG	6,939.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-19-1M	HJ	6,926.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-19-2M	HJ	6,925.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-19-3M	HJ	6,923.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-20-1D	UKM	6,935.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-20-1M	HJ	6,934.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M-25-92-20-1S	LFG	6,934.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1 DTW - Depth to water in feet below measure point
2 WL. Elev. - Water Level Elevation in feet above mean sea level
† values not provided in Hydro-Search Inc 1982 report
(-) Water level not measured

Table D6-6 Water Level Data (Page 15 of 18)

Well Name	Completion Zone	Measure Point Elevation	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev	DTW	WL Elev
			8/27/09	8/27/09	8/26/09	8/26/09	8/31/09	8/31/09	12/14/09	12/14/09	12/14/09	12/14/09	1/4/10	1/4/10	3/30/10	3/30/10
MB-1	DE	6,985.89	-	-	-	-	-	-			-	-	233.55	6,752.34	243.90	6,741.99
MB-2	FG	6,986.92	-	-	243.23	6,743.69	-	-			242.90	6,744.02	-	-	246.20	6,740.72
MB-3B	HJ	6,987.38	261.95	6,725.43	--	--	-	-	-	-	261.70	6,725.68	-	-	265.10	6,722.28
MB-4	KM	6,987.27	-	-	-	-	274.95	6,712.32	-	-	273.54	6,713.73	-	-	275.20	6,712.07
MB-5	FG	6,805.04	143.33	6,661.71	-	-	-	-	-	-	144.20	6,660.84	-	-	-	-
MB-6	HJ	6,804.90	142.83	6,662.07	-	-	-	-	-	-	142.68	6,662.22	-	-	-	-
MB-8	FG	6,985.50	-	-	-	-	-	-	-	-	-	-	170.60	6,814.90	172.20	6,813.30
MB-9	HJ	6,986.31	-	-	182.40	6,803.91	-	-	183.50	6,802.81	-	-	-	-	186.00	6,800.31

1 DTW - Depth to water in feet below measure point
2 WL. Elev. - Water Level Elevation in feet above mean sea level
† values not provided in Hydro-Search Inc 1982 report
(-) Water level not measured

Table D6-6 Water Level Data (Page 16 of 18)

Well Name	Completion Zone	Measure Point Elevation	DTW	WL Elev
			3/31/10	3/31/10
HJMO-	LFG	6949.70	-	-
HJMO-	FG	6934.56	-	-
HJMO-	FG	6936.29	-	-
HJMO-	LFG	6940.76	-	-
HJMO-	LFG	6938.00	-	-
HJMO-	LFG	6941.75	-	-
HJMO-	LFG	6937.86	-	-
HJMO-	LFG	6951.64	-	-
HJMO-	LFG	6938.95	-	-
HJMO-	LFG	6947.13	-	-
HJMO-	LFG	6950.46	-	-
HJMO-	LFG	6935.51	-	-
HJMO-	LFG	6936.97	-	-
HJMO-	LFG	6940.75	-	-
HJMP-101	LHJ	6948.64	-	-
HJMP-102	MHJ-2	6936.15	-	-
HJMP-103	M1&M2	6936.49	-	-
HJMP-104	MHJ-2	6941.04	-	-
HJMP-105	LHJ	6937.38	-	-
HJMP-106	LHJ	6941.29	-	-
HJMP-107	MHJ-1,2	6938.45	-	-
HJMP-108	MHJ-2	6952.20	-	-
HJMP-109	LHJ	6939.10	-	-
HJMP-110	LHJ	6947.01	-	-
HJMP-111	M1&2	6949.49	-	-
HJMP-112	UHJ	6935.48	-	-
HJMP-113	MHJ-2	6937.26	-	-
HJMP-114	M1&2	6941.01	-	-
HJMU-	UKM	6949.03	-	-
HJMU-	UKM	6935.35	-	-
HJMU-	UKM	6936.06	-	-
HJMU-	UKM	6940.51	-	-
HJMU-	UKM	6937.58	-	-
HJMU-	UKM	6941.75	-	-
HJMU-	UKM	6937.88	-	-
HJMU-	UKM	6951.51	-	-
HJMU-	UKM	6939.38	-	-
HJMU-	UKM	6947.56	-	-
HJMU-	UKM	6950.08	-	-
HJMU-	UKM	6935.35	-	-
HJMU-	UKM	6936.99	-	-
HJMU-	UKM	6940.43	-	-

1 DTW - Depth to water in feet below measure point
2 WL. Elev. - Water Level Elevation in feet above mean sea level
† values not provided in Hydro-Search Inc 1982 report
(-) Water level not measured

Table D6-6 Water Level Data (Page 17 of 18)

Well Name	Completion Zone	Measure Point Elevation	DTW	WL Elev
			3/31/10	3/31/10
HJT-101	LHJ	6937.56	-	-
HJT-102	MHJ-2	6939.15	-	-
HJT-103	MHJ-1	6938.22	-	-
HJT-104	LHJ	6940.15	-	-
HJT-105	UHJ	6938.87	-	-
HJT-106	DE	6935.14	-	-
LC15M	LFG	6936.55	-	-
LC16M	HJ	6936.15	-	-
LC17M	UKM	6936.90	-	-
LC18M	LFG	6948.97	-	-
LC19M	HJ	6950.01	-	-
LC20M	UKM	6950.51	-	-
LC24M	UKM	6944.33	-	-
LC25M	LFG	6936.40	-	-
LC29M	DE	6937.55	-	-
UKMO-	MHJ-2	6942.28	-	-
UKMO-	MHJ-2	6940.79	-	-
UKMO-	MHJ-2	6950.53	-	-
UKMP-	UKM	6941.74	-	-
UKMP-	UKM	6942.10	-	-
UKMP-	UKM	6950.84	-	-
UKMU-	MKM	6941.87	-	-
UKMU-	MKM	6942.62	-	-
UKMU-	MKM	6950.92	-	-
M-25-92-1	UKM	6,967.40	-	-
M-25-92-1	HJ	6,966.70	-	-
M-25-92-1	LFG	6,966.20	-	-
M-25-92-1	UKM	6,938.70	-	-
M-25-92-1	HJ	6,940.00	-	-
M-25-92-1	LFG	6,939.30	-	-
M-25-92-1	HJ	6,926.10	-	-
M-25-92-1	HJ	6,925.50	-	-
M-25-92-1	HJ	6,923.90	-	-
M-25-92-2	UKM	6,935.00	-	-
M-25-92-2	HJ	6,934.90	-	-
M-25-92-2	LFG	6,934.50	-	-

1 DTW - Depth to water in feet below measure point
2 WL. Elev. - Water Level Elevation in feet above mean sea level
† values not provided in Hydro-Search Inc 1982 report
(-) Water level not measured

Table D6-6 Water Level Data (Page 18 of 18)

Well Name	Completion Zone	Measure Point Elevation	DTW	WL Elev
			3/31/10	3/31/10
MB-1	DE	6,985.89	-	-
MB-2	FG	6,986.92	-	-
MB-3B	HJ	6,987.38	-	-
MB-4	KM	6,987.27	-	-
MB-5	FG	6,805.04	146.20	6,658.84
MB-6	HJ	6,804.90	144.00	6,660.90
MB-8	FG	6,985.50	-	-
MB-9	HJ	6,986.31	-	-

1 DTW - Depth to water in feet below measure point
2 WL. Elev. - Water Level Elevation in feet above mean sea level
† values not provided in Hydro-Search Inc 1982 report
(-) Water level not measured

Table D6-9b 2007 LC16M Long Term Pump Test Monitor Wells (Page 1 of 4)

Well ID	Type Well	Completion Zone	Ground Surface Elevation (ft amsl)	Top of Casing Elevation (ft amsl)	Distance from Pumping Well (ft)	Same Side of Fault as Pumping Well?	Top Underreamed Zone (ft bgs)	Bottom Underreamed Zone (ft bgs)	Measurement Method [1]	Static Depth to Water (11/21/07) (ft bgs)	Static Water Level Elevation (11/21/07) (ft amsl)
LC16M	Pumping	HJ	6,934.73	6,936.15	0	Yes	410	467	Transducer	178.78	6,757.37
HJMP-101	Prod. Zone Monitoring Well	HJ	6,947.40	6,948.64	1,276	No	438	465	Hand Tag	181.10	6,767.54
HJMP-102	Prod. Zone Monitoring Well	HJ	6,934.15	6,936.15	1,996	No	405	435	Hand Tag	175.67	6,760.48
HJMP-103	Prod. Zone Monitoring Well	HJ	6,935.08	6,936.49	1,920	No	392	432	Hand Tag	170.60	6,765.89
HJMP-104	Prod. Zone Monitoring Well	HJ	6,939.04	6,941.04	1,666	No	402	430	Hand Tag	175.21	6,765.83
HJMP-105	Prod. Zone Monitoring Well	HJ	6,936.84	6,937.38	1,603	No	435	463	Hand Tag	170.85	6,766.53
HJMP-106	Prod. Zone Monitoring Well	HJ	6,940.20	6,941.29	1,452	No	430	480	Hand Tag	173.07	6,768.22
HJMP-107	Prod. Zone Monitoring Well	HJ	6,936.81	6,938.45	866	Yes	423	460	Transducer	183.94	6,754.51
HJMP-108	Prod. Zone Monitoring Well	HJ	6,951.12	6,952.20	1,186	No	400	434	Hand Tag	183.10	6,769.10
HJMP-109	Prod. Zone Monitoring Well	HJ	6,937.89	6,939.10	650	Yes	478	512	Hand Tag	185.25	6,753.85