Red Dog Mine
4th Quarter and Annual Report 2014 for State of Alaska Waste Management Permit No. 0132-BA002 Reclamation Plan Approval F20099958
February 27, 2015

Teck

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Introduction

This report has been prepared to fulfill the quarterly reporting requirements of Teck Alaska Incorporated's (TAK) obligations under the State of Alaska Waste Management Permit No. 0132-BA002 and the Red Dog Mine Reclamation Plan Approval F20099958.

This report covers the time period from January 1, 2014 through December 31, 2014, including quarterly data from October 1, 2014 through December 31, 2014.

The report addresses mine water management, waste rock management, tailings management, inert solid waste landfills, mining and milling activities, reclamation activities and wildlife interactions which occur throughout the reporting period.

When appropriate, updated plans will be provided with the report and recommendations will be made to modify reporting requirements or the underlying permit conditions.

Biomonitoring Program

Annual Biomonitoring Report

Al Ott of the Alaska Department of Fish and Game prepared a draft biomonitoring report that has been reviewed and commented on by TAK. The report has not been finalized as of the date of this report. When the report is published it will be available at:
http://www.adfg.alaska.gov/index.cfm?adfg=habitat_publications.main

Annual Summary of Biomonitoring Water Quality Sampling

Results of monthly samples of biomonitoring water quality for the period can be found in attached electronic file, *Red Dog Biomonitoring Water Quality Analyses 2014.xlsx,* and in Appendix A: Biomonitoring Water Quality Sample Results for 2014.

No unusual trends in the biomonitoring water chemistry were noted during the year other than the seasonal increase in metals due to deceasing water flows and increases or decreases related to freshet.

Permafrost and Sub-permafrost Groundwater Monitoring

Permafrost and Subsurface Temperature Monitoring

The annual data report for the Long-Term Permafrost and Groundwater Monitoring Program was still in preparation at the time of this report. It will be forwarded to the cc list when it becomes available.

Significant activities in Permafrost and Sub-permafrost Groundwater Monitoring

TAK has resumed an initiative to transfer the oversight of the Permafrost and Sub-permafrost Groundwater Monitoring to the State of Alaska from the EPA. Provisions in the original 1997 Consent Decree provide a procedure for the transfer.

Mine Water Management

Mine water flows

Table 1: Mine Water Flows show flows for the 4th quarter and the annual total flows for all of 2014.

Table 1: Mine Water Flows

	Flow in gallons			
Location	**Oct-14**	**Nov-14**	**Dec-14**	**Total 2014**
Bon's Creek Total Flow	7,493,000	6,020,000	5,723,000	128,165,000
Mine Water Collection Sump Total Flow	12,747,000	5,319,000	38,400,000[1]	142,256,000[1]
Main Dam Seepage Pumpback	24,462,000	18,178,000	16,761,000	451,731,000

Main Pit Lake Dewatering			37,278,000	37,278,000
Reclaim Flow to Mill	173,447,000	188,662,000	187,115,000	3,067,524,000
WTP #1 Influent from Reclaim	1,497,000	19,106,000	16,769,000	218,642,000
WTP #1 Influent from Mine Water Collection	0	0	0	0
WTP #1 Influent from MWD	4,414,000	3,378,000	2,570,000	10,362,000
WTP #1 Clarifier Underflow Sludge To Tails	813,000	1,236,000	965,000	8,184,000
WTP #2 Influent from Reclaim	0	0	0	1,836,720,000
WTP #2 Sludge Discharge To Tails	0	0	0	73,330,000
Sand Filter Effluent Discharged to Red Dog Ck	0	0	0	1,353,000,000
WTP #3 Influent from MWD	0	0	0	53,439,000
WTP #3 Influent from Mine Water Collection	0	0	0	0
WTP #3 Total Effluent	0	0	0	53,439,000
MWD to Pit	590,000	0	0	7,903,750
Treated Water to Pit	0	0	0	0
Main Pit to Mine Water Collection Sump	0	0		
East Overburden Sump	396,480	156,300	1,126,292	13,829,069
West Overburden Sump	2,157,910	2,169,210	702,801	70,168,890

[1] Includes Main Pit Lake dewatering volume

Winter treatment of Main Waste Dump (MWD) water is done in WTP 1. MWD water is mixed with reclaim water to raise the volume required for operation of WTP 1.

Mine water quality

Results of monthly samples of mine water quality for the period can be found in attached electronic file, Red Dog Mine Water Quality Analyses 2014.xlsx, and in Appendix B: Mine Water Quality Sample Results for 4th Quarter 2014. Mine water quality is analyzed using Water Quality Profile II from Table 2-7 of the Red Dog Mine Waste Management, Reclamation and Closure Monitoring Plan.

Seasonal changes in concentrations in mine water quality occur because of flushing of metals from waste stockpiles in the spring, rain events, drought periods and low flows in winter. Spring time flushing generally causes an increase in the very soluble metals. Rain events can have effects similar to spring time flushing depending on the magnitude of the event. Drought periods often cause the concentrations of metals in the streams to increase because of a reduction in dilution. Trending charts of any Profile II analyte and location can be plotted from the pivot chart tab of the electronic file.

Mine Water and Load Balance

Red Dog maintained a slightly negative water balance in 2014 having discharge 40 million gallons more than accumulated precipitation. More consistent capture of MWD ARD water prevented 16,800 tonnes of TDS from entering the TSF. As a result of the higher capture rate the TDS concentration in the TSF decreased in 2014. At the beginning of the year it was 5,790 mg/L and at year end it was 5,443 mg/L.

The TSF contained an estimate of 3,140 mgal of free water at the end of 2014. The Main Pit Lake/Dump contained an estimated 2,060 mgal of free water at the end of 2014.

A mine water balance is maintained at the Mine in GoldSim, a computer simulation program. An electronic copy of the 2014 GoldSim water balance is presented in an electronic file. Viewing the file requires GoldSim Player. The GoldSim Player is free and can be downloaded from http://www.goldsim.com/Web/Downloads/ A summary of annual flows and their loads for several chemical parameters are presented in an electronic file, Red Dog Mine 2014 Water and Mass Balance Estimates.xlsx.

The largest source of total dissolved solids (TDS) in the tailings impoundment water continues to be the Main Waste Dump. In 2014 a program to increase intercepting flows from the Main Waste Dump prior to the flow entering the tailings impoundment improved capture to 47%.

Visual inspections of mine water systems
Mine water systems are inspected daily. On May 28th 2014 2:00 pm an ice jam formed in the Red Dog Creek culvert causing the water to overflow out of the manholes and joints of the culvert. The water, which was initially unimpacted, was returned to the creek. During the night shift the water mixed with mine stormwater. The incident was report to ADEC as required. The root cause of the incident was a failed heat trace in the culvert which allowed ice to build up in the culvert causing the overflow.

Reagents Consumed in Water Treatment in 2014
Red Dog Mine Reclamation Plan Approval F20099958 requires the following be provided in the annual report.

- Total volume of water treated in WTP2; - 1.8 billion gal
- Total quantity of flocculant used in WTP2; - can't be separated from WTP1
- Total quantity of lime used in WTP2; - can't be tracked separately from the other WTPs.
- Total quantity of sodium sulfide used in WTP2; - can't be separated from WTP1
- Quantity of any other chemicals used in significant quantities in WTP2; 1,164 metric tonnes of barium hydroxide used in 2014
- Total quantity of flocculant used in WTP3; - None
- Total quantity of lime used in WTP3; - can't be tracked separately from the other WTPs.
- Quantity of any other chemicals used in significant quantities in WTP3. 120 metric tonnes of hydrated lime used in 2014

Total lime used throughout season for WTP1, WTP2, and WTP3 = 12,114 metric tonnes. Total flocculent used throughout the season was 44 metric tonnes for WTP1 and WTP2, most of which is for WTP2. Total sodium sulfide used for the season was 488 metric tonnes, which was used in WTP2 and WTP1 during the summer.

Fish weir inspections
The semi-annual fish weir inspections were conducted on June 17, 2014 and on September 29, 2014. The barrier was found to be sound and effective.

Significant activities in mine water management
On December 16, 2014 dewatering of the Main Pit Lake began. Water is pumped from the Main Pit to the Mine Water Collection Sump from where it is then pumped to the Tailings Storage Facility (TSF). Water pumping began to remove water which was being displaced by waste rock in the Main Pit.

TAK has resumed an initiative to transfer the oversight of the Fish weir maintenance to the AD F&G from EPA. Provisions in the original 1997 Consent Decree provide a procedure for the transfer.

Waste Rock Management

Quantities, placement locations and analysis of waste rock
A summary report from the Waste Rock Management DB which includes quantities, locations and analysis of waste rock moved in the quarter can be found in Appendix D: Waste Rock Production Summary Fourth Quarter 2014.

Results of waste rock geochemical monitoring
A compilation of previous acid/base accounting of potential cover units in the Key Creek Thrust plate in the North highwall of the Aqqaluk pit was completed during the quarter. Twenty six samples of Kivalina shale from the Key Creek Thrust plate were all below the thresholds for clean cover material. Hand-held XRF field checks have confirmed the most, if not all, of the Kivalina and Kayak shale from this thrust plate will be acceptable as clean cover material. Stockpiling of the material was initiated on the southern end of the Main Waste Dump.

Approximately twenty samples of Kayak Shale will be analyzed for acid/base accounting in the first quarter of 2015 to confirm the field results and to supplement two samples of Kayak which were analyzed previously.

Visual inspections of waste rock facilities
Weekly waste stockpile inspections for Quarter 4, 2014 began on October 1, 2014 and ended on December 31, 2014. Dig face inspections were carried out on waste shots to confirm waste characteristics and suitability for designated stockpile locations. Phase III is now a Low Grade Ore Stockpile. The primary waste storage sites have been the Main Pit Stockpile and the Main Waste Dump. For Quarter 4 of 2014, a total of 2,768,523 tonnes of waste were hauled from the Aqqaluk pit.

Main Waste Dump
For Q4 2014, a total of 153,881 tonnes of waste was hauled from the Aqqaluk pit for storage at the MWD. 4,005 Tonnes of Mineralized waste from the Kayak and Otuk formations were taken to the Landfill. 149,876 Tonnes of Kivalina and Kayak shale were hauled to the Ramp to Nowhere Cover Pile.

Main Pit Stockpile
For Q4 2014, a total of 2,613,574 tonnes of waste was hauled from the Aqqaluk pit for storage at the Main Pit Stockpile. 2,551,452 tonnes of Mineralized waste from the Ikalukrok, Okpikruak, Otuk, Siksikpuk, Kayak, Kivalina, Intrusive and mixed formations were taken to Main Pit Stockpile. 62,122 tonnes of un-mineralized waste from the Ikalukrok, Kayak, Kivalina, Mixed, Otuk, Okpikruak and Siksikpuk formations were taken to Main Pit Stockpile.

Construction Material
For Q4 2014, a total of 1,068 tonnes of Otuk and mixed lithology waste was hauled from the Aqqaluk pit for Construction projects at the Red Dog Creek access ramp, shelly creek ramp repairs, and North Bank Crossing.

Significant activities in waste rock management
The 2014 annual total of waste rock moved was 8,692,000 tonnes at an estimated average grade of 2.45% Zn, 1.8% Pb and 2.83% Fe. Reactive waste totaling 1,571,000 tonnes with an average grade of 5.77% Fe was placed in the Main Pit where it will be flooded with water.

Clean cover material was stockpiled at the south end of the Main Waste Dump at a location identified in Appendix C: Waste Rock Production Summary Fourth Quarter 2014 as Ramp to Nowhere Cover.

Tailings Management

Quantities and analysis of tailings
Table 2 shows the tonnes of tailings produced and the lead, zinc and iron content of the produced tailings during the reporting period and the annual total.

Table 2: Tailings Produced During the Reporting Period

		Analysis		
Month	Dry Tonnes Tailings	%Pb	%Zn	%Fe
Oct-2014	206,375	1.6	2.9	4.7
Nov-2014	268,944	0.9	2.9	4.8
Dec-2014	278,906	0.3	2.0	5.2
Jan-Dec 2014	3,020,795	1.1	2.9	4.4

There were no additional, non-routine geochemical analyses conducted on tailings during the reporting period.

Tailings pond elevation
Tailings pond elevations during the quarter are reported in Table 3. Freeboard elevation during the period was 971 feet above MSL.

Table 3: Tailings Pond Water Elevation

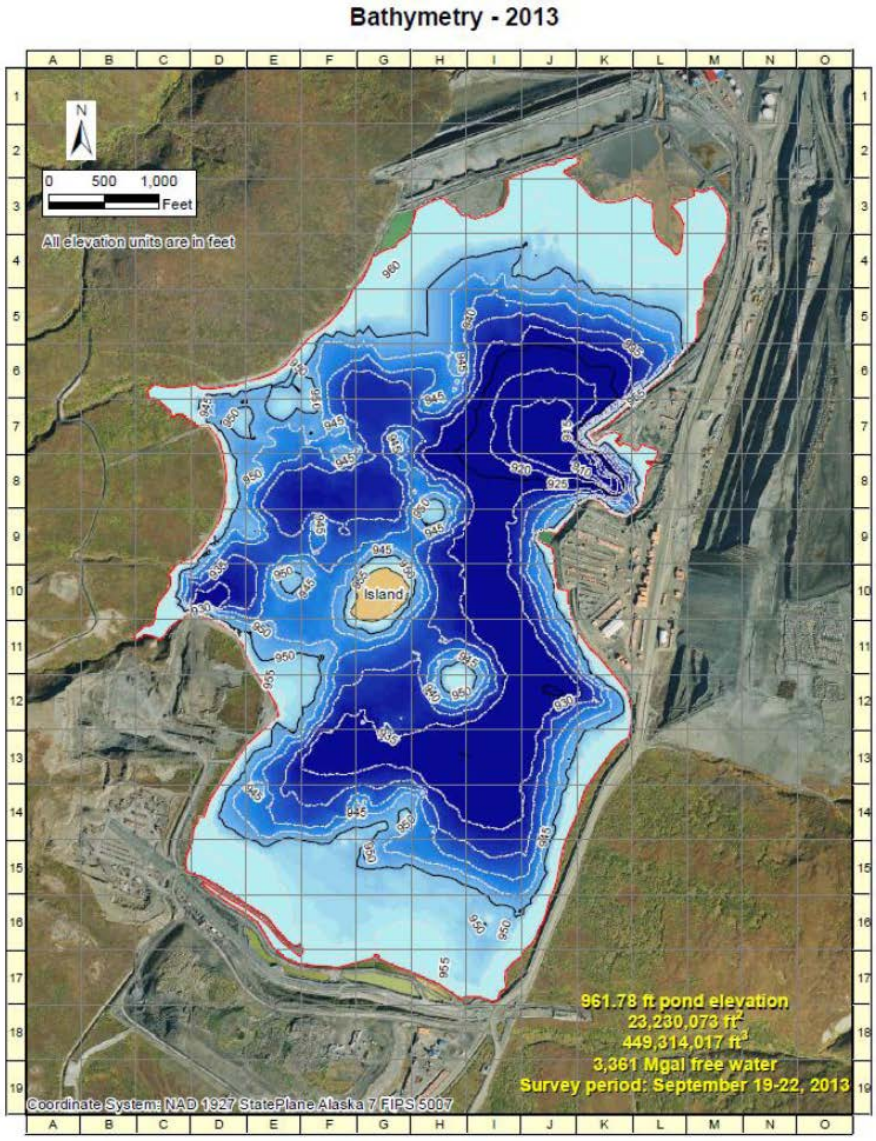
Survey Date	Pond Level Feet above MSL
10/2/2014	962.47
10/9/2014	962.52
10/16/2014	962.70
10/23/2014	962.80
10/30/2014	962.89
11/6/2014	963.12
11/13/2014	963.36
11/20/2014	963.29
11/27/2014	963.74
12/4/2014	963.90
12/11/2014	963.65
12/18/2014	963.80
12/25/2014	963.86

Visual inspections of tailings facilities

Routine quarterly dam inspections during quarter 4 were completed in December. No problems or concerns were identified.

Significant activities in tailings management

Tailings discharge in the 4th quarter was at grid location I-13.



Inert Solid Waste Landfills

Red Dog has operated two inert solid waste disposal areas at the mine site. One facility is located on the Main Waste Stockpile and is the primary inert solid waste disposal area. This site was the only active site at the Mine during the quarter. The second site is located just south of the incinerators along the shore of the tailings pond is no longer receiving waste.

Quantities of inert solid waste

In 2014 the quantity of inert solid waste placed in the landfills by survey volume calculation was 16,875 yd^3.

Visual inspections of the inert solid waste landfills

There were no significant activities or changes to inert solid waste landfills during the reporting period. No conditions were observed at the landfills during the monthly inspections that were unusual or required corrective action.

Significant activities in inert solid waste landfills

The Old Mine Landfill near the Mine incinerator is in the process of being closed because rising tailings will eventually cover the site.

Mining and Milling Activities

Mining Activities

Table 4 shows the tonnes of ore hauled to mill feed stockpiles each month during the reporting period and the annual total of ore mined.

Table 4: Ore Mined During the Reporting Period

Date	Ore Mined, tonnes
Oct-2014	314,293
Nov-2014	215,670
Dec-2014	295,201
Jan-Dec 2014	3,572,321

Milling Activities

Table 5 shows the tonnes of ore fed to mill grinding each month during the reporting period and the annual total ore milled.

Table 5: Ore Milled During the Reporting Period

Date	Ore Milled, tonnes
Oct-2014	310,144
Nov-2014	389,524
Dec-2014	397,924
Jan-Dec 2014	4,299,495

Significant activities in Mining and Milling

Ore milled in 2014 was an annual record. The updated 2015 Mine Plan is included in Appendix D: Red Dog One Year Mine Plan 2015

Reclamation Activities

Area Disturbed and Reclaimed

Table 6 shows the area disturbed in 2014. A map of the disturbed area is in Appendix E: 2014 Red Dog Mine Disturbance Map

Table 6: Area Disturbed in 2014

Disturbed Area	Acres
Aqqaluk drill roads	8.9
Tailings Abutment	1.5
West tailings road	8.0
Total 2014 Disturbance	18.4

Reclamation Research

O'Kane Consultants Inc. and TAK continued monitoring the Oxide Stockpile Cover System. Upon completion of the 2014 report, TAK will submit the report to DEC and DNR. Preliminary indications are that

the cover system is performing within its design parameters, allowing only 24% of precipitation to pass to the underlying waste rock since 2008.

Reclamation Monitoring
The Oxide Dump 2014 vegetation sampling effort involved a number of 40 point-intercept ground cover transects collected from reclaimed areas in July by Cedar Creek Associates. The Cedar Creek Annual report is due the first Quarter of 2015 but had not be receive by the due date of this report.

Significant reclamation activities
Top soil was stripped and stockpiled in the southwest corner of the Overburden Stockpile from the western margin of the TSF which will be flooded with tailings in the next several years.

Dust

Dust monitoring activities
The 2013 Risk Management Plan Annual Report was finalized and made available to the public in the 4th quarter of 2014. Discussions were held with ADEC to continue progress on finalizing draft Risk Management Plan and to clarify monitoring requirements for several ongoing monitoring programs.

Wildlife

Wildlife interactions
There were no wildlife incidents during the 4th quarter. During the year, 4 nuisance foxes were captured and relocated away from the facilities, bears were hazed off of the port road and the runway, and a ptarmigan was struck and killed by a pickup truck.

Financial Assurance
The five-year renewal of the Waste Management Permit and Reclamation Closure Plan are underway. A complete application was acknowledged by both DEC in October 2014 and DNR in December 2014. A draft of the new Reclamation and Closure Plan suggest that there will be an adjustment to the amount of financial assurance to accompany the reissued plan.

Recommendations for changes in the Red Dog Mine Waste Management, Reclamation and Closure Monitoring Plan
Recommended changes in the Red Dog Mine Waste Management, Reclamation and Closure Monitoring Plan have been submitted with the 2014 renewal application.

Recommendations for modification of Waste Management Permit No. 0132-BA002
Recommended changes in the Waste Management Permit No. 0132-BA002 have been submitted with the 2014 renewal application.

Recommendations for modification of Reclamation Plan Approval F20099958
Recommended changes in the Reclamation Plan Approval F20099958 have been submitted with the 2014 renewal application.

Updates of Mine Plan
The updated 2015 Mine Plan is included in Appendix D: Red Dog One Year Mine Plan 2015. References to grades have been redacted from the document to conform with fiscal regulations.

Closing
Please accept this as the 4th Quarter and Annual 2014 report for State of Alaska Waste Management Permit No. 0132-BA002 and Reclamation Plan Approval F20099958. If there are any questions, please contact Chris Eckert at (907) 754-5139 or myself at (907) 754-5127.

Based on information and belief formed after reasonable inquiry, I certify that the statements and information in and attached to this document are true, accurate and complete.

Sincerely,
Teck Alaska Incorporated

Henri Letient, P. Eng.
General Manager

Cc Tim Pilon, ADEC, Fairbanks
Pete McGee, ADEC, Fairbanks
Scott Pexton, ADNR, Anchorage
Brent Martellaro, ADNR, Fairbanks
Stephanie Lovell, ADNR/DMLW, Fairbanks
Kyle Moselle, ADNR, Juneau
Al Ott, ADF&G, Fairbanks

Appendix A: Biomonitoring Water Quality Sample Results for 2014

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Bons 220	Alkalinity (As CaC03)	5/9/2014	56000	µg/L	01_051114_01	
Bons 220	Alkalinity (As CaC03)	5/22/2014	41000	µg/L	01_052514_01	
Bons 220	Alkalinity (As CaC03)	6/13/2014	54000	µg/L	01_060814_01	
Bons 220	Alkalinity (As CaC03)	6/27/2014	89000	µg/L	01_062214_01	
Bons 220	Alkalinity (As CaC03)	7/10/2014	114000	µg/L	01_071314_01	
Bons 220	Alkalinity (As CaC03)	7/24/2014	109000	µg/L	01_072714_01	
Bons 220	Alkalinity (As CaC03)	8/15/2014	130000	µg/L	01_081014_01	
Bons 220	Alkalinity (As CaC03)	8/25/2014	123000	µg/L	01_082414_01	
Bons 220	Alkalinity (As CaC03)	9/4/2014	124000	µg/L	01_091414_01	
Bons 220	Alkalinity (As CaC03)	9/11/2014	124000	µg/L	01_092814_01	
Bons 220	Alkalinity (As CaC03)	10/13/2014	130000	µg/L	01_101214_01	
Bons 220	Aluminum	5/9/2014	34	µg/L	01_051114_01	
Bons 220	Aluminum	5/22/2014	67	µg/L	01_052514_01	
Bons 220	Aluminum	6/13/2014	42	µg/L	01_060814_01	
Bons 220	Aluminum	6/27/2014	13	µg/L	01_062214_01	
Bons 220	Aluminum	7/10/2014	12	µg/L	01_071314_01	
Bons 220	Aluminum	7/24/2014	15	µg/L	01_072714_01	
Bons 220	Aluminum	8/15/2014	5	µg/L	01_081014_01	
Bons 220	Aluminum	8/25/2014	12	µg/L	01_082414_01	
Bons 220	Aluminum	9/4/2014	8	µg/L	01_091414_01	
Bons 220	Aluminum	9/11/2014	9	µg/L	01_092814_01	
Bons 220	Aluminum	10/13/2014	6	µg/L	01_101214_01	
Bons 220	Bicarbonate (As CaC03)	5/9/2014	56000	µg/L	01_051114_01	
Bons 220	Bicarbonate (As CaC03)	5/22/2014	41000	µg/L	01_052514_01	
Bons 220	Bicarbonate (As CaC03)	6/13/2014	54000	µg/L	01_060814_01	
Bons 220	Bicarbonate (As CaC03)	6/27/2014	88000	µg/L	01_062214_01	
Bons 220	Bicarbonate (As CaC03)	7/10/2014	114000	µg/L	01_071314_01	
Bons 220	Bicarbonate (As CaC03)	7/24/2014	109000	µg/L	01_072714_01	
Bons 220	Bicarbonate (As CaC03)	8/15/2014	130000	µg/L	01_081014_01	
Bons 220	Bicarbonate (As CaC03)	8/25/2014	123000	µg/L	01_082414_01	
Bons 220	Bicarbonate (As CaC03)	9/4/2014	124000	µg/L	01_091414_01	
Bons 220	Bicarbonate (As CaC03)	9/11/2014	124000	µg/L	01_092814_01	
Bons 220	Bicarbonate (As CaC03)	10/13/2014	130000	µg/L	01_101214_01	
Bons 220	Cadmium	5/9/2014	0.1	µg/L	01_051114_01	BETWEEN MDL & PQL
Bons 220	Cadmium	5/22/2014	0.3	µg/L	01_052514_01	BETWEEN MDL & PQL
Bons 220	Cadmium	6/13/2014	< 0.1	µg/L	01_060814_01	NOT DETECTED
Bons 220	Cadmium	6/27/2014	< 0.1	µg/L	01_062214_01	NOT DETECTED
Bons 220	Cadmium	7/10/2014	0.1	µg/L	01_071314_01	BETWEEN MDL & PQL
Bons 220	Cadmium	7/24/2014	< 0.1	µg/L	01_072714_01	NOT DETECTED
Bons 220	Cadmium	8/15/2014	< 0.1	µg/L	01_081014_01	NOT DETECTED
Bons 220	Cadmium	8/25/2014	< 0.1	µg/L	01_082414_01	NOT DETECTED
Bons 220	Cadmium	9/4/2014	< 0.1	µg/L	01_091414_01	NOT DETECTED

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Bons 220	Cadmium	9/11/2014	< 0.1	µg/L	01_092814_01	NOT DETECTED
Bons 220	Cadmium	10/13/2014	< 0.1	µg/L	01_101214_01	NOT DETECTED
Bons 220	Calcium	5/9/2014	17600	µg/L	01_051114_01	
Bons 220	Calcium	5/22/2014	13600	µg/L	01_052514_01	
Bons 220	Calcium	6/13/2014	15200	µg/L	01_060814_01	
Bons 220	Calcium	6/27/2014	25600	µg/L	01_062214_01	
Bons 220	Calcium	7/10/2014	31200	µg/L	01_071314_01	
Bons 220	Calcium	7/24/2014	33900	µg/L	01_072714_01	
Bons 220	Calcium	8/15/2014	39700	µg/L	01_081014_01	
Bons 220	Calcium	8/25/2014	39500	µg/L	01_082414_01	
Bons 220	Calcium	9/4/2014	40500	µg/L	01_091414_01	
Bons 220	Calcium	9/11/2014	40100	µg/L	01_092814_01	
Bons 220	Calcium	10/13/2014	39400	µg/L	01_101214_01	
Bons 220	Carbonate (AS CaCO3)	5/9/2014	< 2000	µg/L	01_051114_01	NOT DETECTED
Bons 220	Carbonate (AS CaCO3)	5/22/2014	< 2000	µg/L	01_052514_01	NOT DETECTED
Bons 220	Carbonate (AS CaCO3)	6/13/2014	< 2000	µg/L	01_060814_01	NOT DETECTED
Bons 220	Carbonate (AS CaCO3)	6/27/2014	< 2000	µg/L	01_062214_01	NOT DETECTED
Bons 220	Carbonate (AS CaCO3)	7/10/2014	< 2000	µg/L	01_071314_01	NOT DETECTED
Bons 220	Carbonate (AS CaCO3)	7/24/2014	< 2000	µg/L	01_072714_01	NOT DETECTED
Bons 220	Carbonate (AS CaCO3)	8/15/2014	< 2000	µg/L	01_081014_01	NOT DETECTED
Bons 220	Carbonate (AS CaCO3)	8/25/2014	< 2000	µg/L	01_082414_01	NOT DETECTED
Bons 220	Carbonate (AS CaCO3)	9/4/2014	< 2000	µg/L	01_091414_01	NOT DETECTED
Bons 220	Carbonate (AS CaCO3)	9/11/2014	< 2000	µg/L	01_092814_01	NOT DETECTED
Bons 220	Carbonate (AS CaCO3)	10/13/2014	< 2000	µg/L	01_101214_01	NOT DETECTED
Bons 220	Chloride	5/9/2014	3870	µg/L	01_051114_01	
Bons 220	Chloride	5/22/2014	3650	µg/L	01_052514_01	
Bons 220	Chloride	6/13/2014	1540	µg/L	01_060814_01	BETWEEN MDL & PQL
Bons 220	Chloride	6/27/2014	6100	µg/L	01_062214_01	
Bons 220	Chloride	7/10/2014	2880	µg/L	01_071314_01	
Bons 220	Chloride	7/24/2014	3660	µg/L	01_072714_01	
Bons 220	Chloride	8/15/2014	3920	µg/L	01_081014_01	
Bons 220	Chloride	8/25/2014	4320	µg/L	01_082414_01	
Bons 220	Chloride	9/4/2014	4650	µg/L	01_091414_01	
Bons 220	Chloride	9/11/2014	4530	µg/L	01_092814_01	
Bons 220	Chloride	10/13/2014	5070	µg/L	01_101214_01	
Bons 220	Conductivity, Field	5/9/2014	92.3	uS/cm	01_051114_01	
Bons 220	Conductivity, Field	5/22/2014	70.7	uS/cm	01_052514_01	
Bons 220	Conductivity, Field	6/13/2014	85.4	uS/cm	01_060814_01	
Bons 220	Conductivity, Field	6/27/2014	171.1	uS/cm	01_062214_01	
Bons 220	Conductivity, Field	7/10/2014	228.3	uS/cm	01_071314_01	
Bons 220	Conductivity, Field	7/24/2014	206.9	uS/cm	01_072714_01	
Bons 220	Conductivity, Field	8/15/2014	248.2	uS/cm	01_081014_01	
Bons 220	Conductivity, Field	8/25/2014	254.8	uS/cm	01_082414_01	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Bons 220	Conductivity, Field	9/4/2014	223.7	uS/cm	01_091414_01	
Bons 220	Conductivity, Field	9/11/2014	222.4	uS/cm	01_092814_01	
Bons 220	Conductivity, Field	10/13/2014	202.7	uS/cm	01_101214_01	
Bons 220	Iron	5/9/2014	120	µg/L	01_051114_01	
Bons 220	Iron	5/22/2014	240	µg/L	01_052514_01	
Bons 220	Iron	6/13/2014	320	µg/L	01_060814_01	
Bons 220	Iron	6/27/2014	70	µg/L	01_062214_01	
Bons 220	Iron	7/10/2014	30	µg/L	01_071314_01	BETWEEN MDL & PQL
Bons 220	Iron	7/24/2014	70	µg/L	01_072714_01	
Bons 220	Iron	8/15/2014	< 20	µg/L	01_081014_01	NOT DETECTED
Bons 220	Iron	8/25/2014	30	µg/L	01_082414_01	BETWEEN MDL & PQL
Bons 220	Iron	9/4/2014	40	µg/L	01_091414_01	BETWEEN MDL & PQL
Bons 220	Iron	9/11/2014	30	µg/L	01_092814_01	BETWEEN MDL & PQL
Bons 220	Iron	10/13/2014	< 20	µg/L	01_101214_01	NOT DETECTED
Bons 220	Lead	5/9/2014	6.3	µg/L	01_051114_01	
Bons 220	Lead	5/22/2014	13.2	µg/L	01_052514_01	
Bons 220	Lead	6/13/2014	4.0	µg/L	01_060814_01	
Bons 220	Lead	6/27/2014	1.1	µg/L	01_062214_01	
Bons 220	Lead	7/10/2014	0.8	µg/L	01_071314_01	
Bons 220	Lead	7/24/2014	1.0	µg/L	01_072714_01	
Bons 220	Lead	8/15/2014	0.3	µg/L	01_081014_01	BETWEEN MDL & PQL
Bons 220	Lead	8/25/2014	1.0	µg/L	01_082414_01	
Bons 220	Lead	9/4/2014	0.5	µg/L	01_091414_01	
Bons 220	Lead	9/11/2014	0.4	µg/L	01_092814_01	BETWEEN MDL & PQL
Bons 220	Lead	10/13/2014	0.4	µg/L	01_101214_01	BETWEEN MDL & PQL
Bons 220	Magnesium	9/11/2014	19700	µg/L	01_092814_01	
Bons 220	Magnesium	5/9/2014	8100	µg/L	01_051114_01	
Bons 220	Magnesium	5/22/2014	5900	µg/L	01_052514_01	
Bons 220	Magnesium	6/13/2014	7000	µg/L	01_060814_01	
Bons 220	Magnesium	6/27/2014	12000	µg/L	01_062214_01	
Bons 220	Magnesium	7/10/2014	14600	µg/L	01_071314_01	
Bons 220	Magnesium	7/24/2014	16200	µg/L	01_072714_01	
Bons 220	Magnesium	8/15/2014	19600	µg/L	01_081014_01	
Bons 220	Magnesium	8/25/2014	18800	µg/L	01_082414_01	
Bons 220	Magnesium	9/4/2014	20000	µg/L	01_091414_01	
Bons 220	Magnesium	10/13/2014	19100	µg/L	01_101214_01	
Bons 220	pH, Field	5/9/2014	7.76	pH Units	01_051114_01	
Bons 220	pH, Field	5/22/2014	7.52	pH Units	01_052514_01	
Bons 220	pH, Field	6/13/2014	7.82	pH Units	01_060814_01	
Bons 220	pH, Field	6/27/2014	7.92	pH Units	01_062214_01	
Bons 220	pH, Field	7/10/2014	8.01	pH Units	01_071314_01	
Bons 220	pH, Field	7/24/2014	7.97	pH Units	01_072714_01	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Bons 220	pH, Field	8/15/2014	8.0	pH Units	01_081014_01	
Bons 220	pH, Field	8/25/2014	8.12	pH Units	01_082414_01	
Bons 220	pH, Field	9/4/2014	8.05	pH Units	01_091414_01	
Bons 220	pH, Field	9/11/2014	8.11	pH Units	01_092814_01	
Bons 220	pH, Field	10/13/2014	8.45	pH Units	01_101214_01	
Bons 220	Potassium	5/9/2014	900	µg/L	01_051114_01	BETWEEN MDL & PQL
Bons 220	Potassium	5/22/2014	1000	µg/L	01_052514_01	
Bons 220	Potassium	6/13/2014	600	µg/L	01_060814_01	BETWEEN MDL & PQL
Bons 220	Potassium	6/27/2014	600	µg/L	01_062214_01	BETWEEN MDL & PQL
Bons 220	Potassium	7/10/2014	500	µg/L	01_071314_01	BETWEEN MDL & PQL
Bons 220	Potassium	7/24/2014	500	µg/L	01_072714_01	BETWEEN MDL & PQL
Bons 220	Potassium	8/15/2014	400	µg/L	01_081014_01	BETWEEN MDL & PQL
Bons 220	Potassium	8/25/2014	500	µg/L	01_082414_01	BETWEEN MDL & PQL
Bons 220	Potassium	9/4/2014	500	µg/L	01_091414_01	BETWEEN MDL & PQL
Bons 220	Potassium	9/11/2014	400	µg/L	01_092814_01	BETWEEN MDL & PQL
Bons 220	Potassium	10/13/2014	500	µg/L	01_101214_01	BETWEEN MDL & PQL
Bons 220	Selenium	5/9/2014	1.1	µg/L	01_051114_01	BETWEEN MDL & PQL
Bons 220	Selenium	5/22/2014	< 1	µg/L	01_052514_01	NOT DETECTED
Bons 220	Selenium	6/13/2014	1.3	µg/L	01_060814_01	BETWEEN MDL & PQL
Bons 220	Selenium	6/27/2014	1.0	µg/L	01_062214_01	BETWEEN MDL & PQL
Bons 220	Selenium	7/10/2014	1.2	µg/L	01_071314_01	BETWEEN MDL & PQL
Bons 220	Selenium	7/24/2014	1.7	µg/L	01_072714_01	BETWEEN MDL & PQL
Bons 220	Selenium	8/15/2014	2.0	µg/L	01_081014_01	BETWEEN MDL & PQL
Bons 220	Selenium	8/25/2014	1.0	µg/L	01_082414_01	BETWEEN MDL & PQL
Bons 220	Selenium	9/4/2014	1.1	µg/L	01_091414_01	BETWEEN MDL & PQL
Bons 220	Selenium	9/11/2014	2.4	µg/L	01_092814_01	BETWEEN MDL & PQL
Bons 220	Selenium	10/13/2014	2.1	µg/L	01_101214_01	BETWEEN MDL & PQL
Bons 220	Sodium	5/9/2014	1700	µg/L	01_051114_01	
Bons 220	Sodium	5/22/2014	1200	µg/L	01_052514_01	
Bons 220	Sodium	6/13/2014	1100	µg/L	01_060814_01	
Bons 220	Sodium	6/27/2014	1900	µg/L	01_062214_01	
Bons 220	Sodium	7/10/2014	2400	µg/L	01_071314_01	
Bons 220	Sodium	7/24/2014	2900	µg/L	01_072714_01	
Bons 220	Sodium	8/15/2014	2900	µg/L	01_081014_01	
Bons 220	Sodium	8/25/2014	3400	µg/L	01_082414_01	
Bons 220	Sodium	9/4/2014	3500	µg/L	01_091414_01	
Bons 220	Sodium	9/11/2014	3400	µg/L	01_092814_01	
Bons 220	Sodium	10/13/2014	3500	µg/L	01_101214_01	
Bons 220	Sulfate	5/9/2014	23100	µg/L	01_051114_01	
Bons 220	Sulfate	5/22/2014	19200	µg/L	01_052514_01	
Bons 220	Sulfate	6/13/2014	15200	µg/L	01_060814_01	
Bons 220	Sulfate	6/27/2014	30800	µg/L	01_062214_01	
Bons 220	Sulfate	7/10/2014	40700	µg/L	01_071314_01	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Bons 220	Sulfate	7/24/2014	45500	µg/L	01_072714_01	
Bons 220	Sulfate	8/15/2014	45700	µg/L	01_081014_01	
Bons 220	Sulfate	8/25/2014	51400	µg/L	01_082414_01	
Bons 220	Sulfate	9/4/2014	53600	µg/L	01_091414_01	
Bons 220	Sulfate	9/11/2014	53100	µg/L	01_092814_01	
Bons 220	Sulfate	10/13/2014	55700	µg/L	01_101214_01	
Bons 220	Temperature, Field	5/9/2014	1.1	°C	01_051114_01	
Bons 220	Temperature, Field	5/22/2014	0.4	°C	01_052514_01	
Bons 220	Temperature, Field	6/13/2014	4.4	°C	01_060814_01	
Bons 220	Temperature, Field	6/27/2014	11.2	°C	01_062214_01	
Bons 220	Temperature, Field	7/10/2014	15.4	°C	01_071314_01	
Bons 220	Temperature, Field	7/24/2014	7.5	°C	01_072714_01	
Bons 220	Temperature, Field	8/15/2014	10.7	°C	01_081014_01	
Bons 220	Temperature, Field	8/25/2014	11.4	°C	01_082414_01	
Bons 220	Temperature, Field	9/4/2014	5.6	°C	01_091414_01	
Bons 220	Temperature, Field	9/11/2014	5.6	°C	01_092814_01	
Bons 220	Temperature, Field	10/13/2014	0.7	°C	01_101214_01	
Bons 220	Total Dissolved Solids	5/9/2014	100000	µg/L	01_051114_01	EXCEEDED HOLD TIME
Bons 220	Total Dissolved Solids	5/22/2014	100000	µg/L	01_052514_01	
Bons 220	Total Dissolved Solids	6/13/2014	70000	µg/L	01_060814_01	
Bons 220	Total Dissolved Solids	6/27/2014	120000	µg/L	01_062214_01	
Bons 220	Total Dissolved Solids	7/10/2014	170000	µg/L	01_071314_01	
Bons 220	Total Dissolved Solids	7/24/2014	150000	µg/L	01_072714_01	
Bons 220	Total Dissolved Solids	8/15/2014	170000	µg/L	01_081014_01	
Bons 220	Total Dissolved Solids	8/25/2014	190000	µg/L	01_082414_01	
Bons 220	Total Dissolved Solids	9/4/2014	190000	µg/L	01_091414_01	
Bons 220	Total Dissolved Solids	9/11/2014	210000	µg/L	01_092814_01	
Bons 220	Total Dissolved Solids	10/13/2014	226000	µg/L	01_101214_01	
Bons 220	Total Suspended Solids	5/9/2014	< 5000	µg/L	01_051114_01	NOT DETECTED
Bons 220	Total Suspended Solids	5/22/2014	< 5000	µg/L	01_052514_01	NOT DETECTED
Bons 220	Total Suspended Solids	6/13/2014	< 5000	µg/L	01_060814_01	NOT DETECTED
Bons 220	Total Suspended Solids	6/27/2014	7000	µg/L	01_062214_01	BETWEEN MDL & PQL
Bons 220	Total Suspended Solids	7/10/2014	< 5000	µg/L	01_071314_01	NOT DETECTED
Bons 220	Total Suspended Solids	7/24/2014	< 5000	µg/L	01_072714_01	NOT DETECTED
Bons 220	Total Suspended Solids	8/15/2014	< 5000	µg/L	01_081014_01	NOT DETECTED
Bons 220	Total Suspended Solids	8/25/2014	< 5000	µg/L	01_082414_01	NOT DETECTED
Bons 220	Total Suspended Solids	9/4/2014	5000	µg/L	01_091414_01	BETWEEN MDL & PQL
Bons 220	Total Suspended Solids	9/11/2014	< 5000	µg/L	01_092814_01	NOT DETECTED
Bons 220	Total Suspended Solids	10/13/2014	< 5000	µg/L	01_101214_01	NOT DETECTED
Bons 220	Zinc	5/9/2014	34	µg/L	01_051114_01	
Bons 220	Zinc	5/22/2014	66	µg/L	01_052514_01	
Bons 220	Zinc	6/13/2014	22	µg/L	01_060814_01	
Bons 220	Zinc	6/27/2014	20	µg/L	01_062214_01	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Bons 220	Zinc	7/10/2014	19	µg/L	01_071314_01	
Bons 220	Zinc	7/24/2014	20	µg/L	01_072714_01	
Bons 220	Zinc	8/15/2014	17	µg/L	01_081014_01	
Bons 220	Zinc	8/25/2014	19	µg/L	01_082414_01	
Bons 220	Zinc	9/4/2014	16	µg/L	01_091414_01	
Bons 220	Zinc	9/11/2014	17	µg/L	01_092814_01	
Bons 220	Zinc	10/13/2014	16	µg/L	01_101214_01	
Bons Reservoir	Alkalinity (As CaC03)	5/9/2014	37000	µg/L	01_051114_02	
Bons Reservoir	Alkalinity (As CaC03)	5/22/2014	35000	µg/L	01_052514_02	
Bons Reservoir	Alkalinity (As CaC03)	6/13/2014	44000	µg/L	01_060814_02	
Bons Reservoir	Alkalinity (As CaC03)	6/27/2014	58000	µg/L	01_062214_02	
Bons Reservoir	Alkalinity (As CaC03)	7/10/2014	88000	µg/L	01_071314_02	
Bons Reservoir	Alkalinity (As CaC03)	7/24/2014	105000	µg/L	01_072714_02	
Bons Reservoir	Alkalinity (As CaC03)	8/15/2014	115000	µg/L	01_081014_02	
Bons Reservoir	Alkalinity (As CaC03)	8/25/2014	117000	µg/L	01_082414_02	
Bons Reservoir	Alkalinity (As CaC03)	9/4/2014	121000	µg/L	01_091414_02	
Bons Reservoir	Alkalinity (As CaC03)	9/11/2014	121000	µg/L	01_092814_02	
Bons Reservoir	Aluminum	5/9/2014	63	µg/L	01_051114_02	
Bons Reservoir	Aluminum	5/22/2014	92	µg/L	01_052514_02	
Bons Reservoir	Aluminum	6/13/2014	72	µg/L	01_060814_02	
Bons Reservoir	Aluminum	6/27/2014	26	µg/L	01_062214_02	
Bons Reservoir	Aluminum	7/10/2014	11	µg/L	01_071314_02	
Bons Reservoir	Aluminum	7/24/2014	18	µg/L	01_072714_02	
Bons Reservoir	Aluminum	8/15/2014	4	µg/L	01_081014_02	BETWEEN MDL & PQL
Bons Reservoir	Aluminum	8/25/2014	5	µg/L	01_082414_02	
Bons Reservoir	Aluminum	9/4/2014	25	µg/L	01_091414_02	
Bons Reservoir	Aluminum	9/11/2014	5	µg/L	01_092814_02	
Bons Reservoir	Bicarbonate (As CaC03)	5/9/2014	37000	µg/L	01_051114_02	
Bons Reservoir	Bicarbonate (As CaC03)	5/22/2014	35000	µg/L	01_052514_02	
Bons Reservoir	Bicarbonate (As CaC03)	6/13/2014	44000	µg/L	01_060814_02	
Bons Reservoir	Bicarbonate (As CaC03)	6/27/2014	57000	µg/L	01_062214_02	
Bons Reservoir	Bicarbonate (As CaC03)	7/10/2014	88000	µg/L	01_071314_02	
Bons Reservoir	Bicarbonate (As CaC03)	7/24/2014	105000	µg/L	01_072714_02	
Bons Reservoir	Bicarbonate (As CaC03)	8/15/2014	114000	µg/L	01_081014_02	
Bons Reservoir	Bicarbonate (As CaC03)	8/25/2014	117000	µg/L	01_082414_02	
Bons Reservoir	Bicarbonate (As CaC03)	9/4/2014	121000	µg/L	01_091414_02	
Bons Reservoir	Bicarbonate (As CaC03)	9/11/2014	121000	µg/L	01_092814_02	
Bons Reservoir	Cadmium	5/9/2014	0.7	µg/L	01_051114_02	
Bons Reservoir	Cadmium	5/22/2014	0.6	µg/L	01_052514_02	
Bons Reservoir	Cadmium	6/13/2014	< 0.1	µg/L	01_060814_02	NOT DETECTED
Bons Reservoir	Cadmium	6/27/2014	< 0.1	µg/L	01_062214_02	NOT DETECTED
Bons Reservoir	Cadmium	7/10/2014	< 0.1	µg/L	01_071314_02	NOT DETECTED
Bons Reservoir	Cadmium	7/24/2014	< 0.1	µg/L	01_072714_02	NOT DETECTED

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Bons Reservoir	Cadmium	8/15/2014	< 0.1	µg/L	01_081014_02	NOT DETECTED
Bons Reservoir	Cadmium	8/25/2014	< 0.1	µg/L	01_082414_02	NOT DETECTED
Bons Reservoir	Cadmium	9/4/2014	< 0.1	µg/L	01_091414_02	NOT DETECTED
Bons Reservoir	Cadmium	9/11/2014	< 0.1	µg/L	01_092814_02	NOT DETECTED
Bons Reservoir	Calcium	5/9/2014	12300	µg/L	01_051114_02	
Bons Reservoir	Calcium	5/22/2014	12100	µg/L	01_052514_02	
Bons Reservoir	Calcium	6/13/2014	12600	µg/L	01_060814_02	
Bons Reservoir	Calcium	6/27/2014	22300	µg/L	01_062214_02	
Bons Reservoir	Calcium	7/10/2014	28100	µg/L	01_071314_02	
Bons Reservoir	Calcium	7/24/2014	34400	µg/L	01_072714_02	
Bons Reservoir	Calcium	8/15/2014	37900	µg/L	01_081014_02	
Bons Reservoir	Calcium	8/25/2014	38400	µg/L	01_082414_02	
Bons Reservoir	Calcium	9/4/2014	39400	µg/L	01_091414_02	
Bons Reservoir	Calcium	9/11/2014	40000	µg/L	01_092814_02	
Bons Reservoir	Carbonate (AS CaCO3)	5/9/2014	< 2000	µg/L	01_051114_02	NOT DETECTED
Bons Reservoir	Carbonate (AS CaCO3)	5/22/2014	< 2000	µg/L	01_052514_02	NOT DETECTED
Bons Reservoir	Carbonate (AS CaCO3)	6/13/2014	< 2000	µg/L	01_060814_02	NOT DETECTED
Bons Reservoir	Carbonate (AS CaCO3)	6/27/2014	< 2000	µg/L	01_062214_02	NOT DETECTED
Bons Reservoir	Carbonate (AS CaCO3)	7/10/2014	< 2000	µg/L	01_071314_02	NOT DETECTED
Bons Reservoir	Carbonate (AS CaCO3)	7/24/2014	< 2000	µg/L	01_072714_02	NOT DETECTED
Bons Reservoir	Carbonate (AS CaCO3)	8/15/2014	< 2000	µg/L	01_081014_02	NOT DETECTED
Bons Reservoir	Carbonate (AS CaCO3)	8/25/2014	< 2000	µg/L	01_082414_02	NOT DETECTED
Bons Reservoir	Carbonate (AS CaCO3)	9/4/2014	< 2000	µg/L	01_091414_02	NOT DETECTED
Bons Reservoir	Carbonate (AS CaCO3)	9/11/2014	< 2000	µg/L	01_092814_02	NOT DETECTED
Bons Reservoir	Chloride	5/9/2014	3120	µg/L	01_051114_02	
Bons Reservoir	Chloride	5/22/2014	3630	µg/L	01_052514_02	
Bons Reservoir	Chloride	6/13/2014	1390	µg/L	01_060814_02	BETWEEN MDL & PQL
Bons Reservoir	Chloride	6/27/2014	2150	µg/L	01_062214_02	BETWEEN MDL & PQL
Bons Reservoir	Chloride	7/10/2014	2620	µg/L	01_071314_02	
Bons Reservoir	Chloride	7/24/2014	3740	µg/L	01_072714_02	
Bons Reservoir	Chloride	8/15/2014	3940	µg/L	01_081014_02	
Bons Reservoir	Chloride	8/25/2014	4280	µg/L	01_082414_02	
Bons Reservoir	Chloride	9/4/2014	4610	µg/L	01_091414_02	
Bons Reservoir	Chloride	9/11/2014	4510	µg/L	01_092814_02	
Bons Reservoir	Conductivity, Field	5/9/2014	64.9	uS/cm	01_051114_02	
Bons Reservoir	Conductivity, Field	5/22/2014	58.9	uS/cm	01_052514_02	
Bons Reservoir	Conductivity, Field	6/13/2014	70.6	uS/cm	01_060814_02	
Bons Reservoir	Conductivity, Field	6/27/2014	161.6	uS/cm	01_062214_02	
Bons Reservoir	Conductivity, Field	7/10/2014	234.7	uS/cm	01_071314_02	
Bons Reservoir	Conductivity, Field	7/24/2014	205.3	uS/cm	01_072714_02	
Bons Reservoir	Conductivity, Field	8/15/2014	265.7	uS/cm	01_081014_02	
Bons Reservoir	Conductivity, Field	8/25/2014	256.6	uS/cm	01_082414_02	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Bons Reservoir	Conductivity, Field	9/4/2014	227.4	uS/cm	01_091414_02	
Bons Reservoir	Conductivity, Field	9/11/2014	223.3	uS/cm	01_092814_02	
Bons Reservoir	Iron	5/9/2014	220	µg/L	01_051114_02	
Bons Reservoir	Iron	5/22/2014	330	µg/L	01_052514_02	
Bons Reservoir	Iron	6/13/2014	460	µg/L	01_060814_02	
Bons Reservoir	Iron	6/27/2014	230	µg/L	01_062214_02	
Bons Reservoir	Iron	7/10/2014	130	µg/L	01_071314_02	
Bons Reservoir	Iron	7/24/2014	80	µg/L	01_072714_02	
Bons Reservoir	Iron	8/15/2014	40	µg/L	01_081014_02	BETWEEN MDL & PQL
Bons Reservoir	Iron	8/25/2014	70	µg/L	01_082414_02	
Bons Reservoir	Iron	9/4/2014	110	µg/L	01_091414_02	
Bons Reservoir	Iron	9/11/2014	60	µg/L	01_092814_02	
Bons Reservoir	Lead	5/9/2014	28.0	µg/L	01_051114_02	
Bons Reservoir	Lead	5/22/2014	20.1	µg/L	01_052514_02	
Bons Reservoir	Lead	6/13/2014	5.0	µg/L	01_060814_02	
Bons Reservoir	Lead	6/27/2014	2.4	µg/L	01_062214_02	
Bons Reservoir	Lead	7/10/2014	0.8	µg/L	01_071314_02	
Bons Reservoir	Lead	7/24/2014	0.7	µg/L	01_072714_02	
Bons Reservoir	Lead	8/15/2014	0.3	µg/L	01_081014_02	BETWEEN MDL & PQL
Bons Reservoir	Lead	8/25/2014	0.2	µg/L	01_082414_02	BETWEEN MDL & PQL
Bons Reservoir	Lead	9/4/2014	4.1	µg/L	01_091414_02	
Bons Reservoir	Lead	9/11/2014	0.2	µg/L	01_092814_02	BETWEEN MDL & PQL
Bons Reservoir	Magnesium	5/9/2014	5400	µg/L	01_051114_02	
Bons Reservoir	Magnesium	5/22/2014	5000	µg/L	01_052514_02	
Bons Reservoir	Magnesium	6/13/2014	5700	µg/L	01_060814_02	
Bons Reservoir	Magnesium	6/27/2014	10300	µg/L	01_062214_02	
Bons Reservoir	Magnesium	7/10/2014	13300	µg/L	01_071314_02	
Bons Reservoir	Magnesium	7/24/2014	16400	µg/L	01_072714_02	
Bons Reservoir	Magnesium	8/15/2014	18300	µg/L	01_081014_02	
Bons Reservoir	Magnesium	8/25/2014	18200	µg/L	01_082414_02	
Bons Reservoir	Magnesium	9/4/2014	19300	µg/L	01_091414_02	
Bons Reservoir	Magnesium	9/11/2014	19400	µg/L	01_092814_02	
Bons Reservoir	pH, Field	5/9/2014	7.55	pH Units	01_051114_02	
Bons Reservoir	pH, Field	5/22/2014	7.23	pH Units	01_052514_02	
Bons Reservoir	pH, Field	6/13/2014	7.67	pH Units	01_060814_02	
Bons Reservoir	pH, Field	6/27/2014	8.07	pH Units	01_062214_02	
Bons Reservoir	pH, Field	7/10/2014	8.28	pH Units	01_071314_02	
Bons Reservoir	pH, Field	7/24/2014	7.56	pH Units	01_072714_02	
Bons Reservoir	pH, Field	8/15/2014	7.84	pH Units	01_081014_02	
Bons Reservoir	pH, Field	8/25/2014	8.08	pH Units	01_082414_02	
Bons Reservoir	pH, Field	9/4/2014	7.92	pH Units	01_091414_02	
Bons Reservoir	pH, Field	9/11/2014	7.93	pH Units	01_092814_02	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Bons Reservoir	Potassium	5/9/2014	1000	µg/L	01_051114_02	
Bons Reservoir	Potassium	5/22/2014	1100	µg/L	01_052514_02	
Bons Reservoir	Potassium	6/13/2014	600	µg/L	01_060814_02	BETWEEN MDL & PQL
Bons Reservoir	Potassium	6/27/2014	600	µg/L	01_062214_02	BETWEEN MDL & PQL
Bons Reservoir	Potassium	7/10/2014	500	µg/L	01_071314_02	BETWEEN MDL & PQL
Bons Reservoir	Potassium	7/24/2014	500	µg/L	01_072714_02	BETWEEN MDL & PQL
Bons Reservoir	Potassium	8/15/2014	300	µg/L	01_081014_02	BETWEEN MDL & PQL
Bons Reservoir	Potassium	8/25/2014	500	µg/L	01_082414_02	BETWEEN MDL & PQL
Bons Reservoir	Potassium	9/4/2014	500	µg/L	01_091414_02	BETWEEN MDL & PQL
Bons Reservoir	Potassium	9/11/2014	500	µg/L	01_092814_02	BETWEEN MDL & PQL
Bons Reservoir	Selenium	5/9/2014	7.0	µg/L	01_051114_02	
Bons Reservoir	Selenium	5/22/2014	< 1	µg/L	01_052514_02	NOT DETECTED
Bons Reservoir	Selenium	6/13/2014	< 1	µg/L	01_060814_02	NOT DETECTED
Bons Reservoir	Selenium	6/27/2014	< 1	µg/L	01_062214_02	NOT DETECTED
Bons Reservoir	Selenium	7/10/2014	1.1	µg/L	01_071314_02	BETWEEN MDL & PQL
Bons Reservoir	Selenium	7/24/2014	1.8	µg/L	01_072714_02	BETWEEN MDL & PQL
Bons Reservoir	Selenium	8/15/2014	2.3	µg/L	01_081014_02	BETWEEN MDL & PQL
Bons Reservoir	Selenium	8/25/2014	< 1	µg/L	01_082414_02	NOT DETECTED
Bons Reservoir	Selenium	9/4/2014	1.2	µg/L	01_091414_02	BETWEEN MDL & PQL
Bons Reservoir	Selenium	9/11/2014	2.7	µg/L	01_092814_02	BETWEEN MDL & PQL
Bons Reservoir	Sodium	5/9/2014	1500	µg/L	01_051114_02	
Bons Reservoir	Sodium	5/22/2014	1200	µg/L	01_052514_02	
Bons Reservoir	Sodium	6/13/2014	1000	µg/L	01_060814_02	
Bons Reservoir	Sodium	6/27/2014	1900	µg/L	01_062214_02	
Bons Reservoir	Sodium	7/10/2014	2400	µg/L	01_071314_02	
Bons Reservoir	Sodium	7/24/2014	3100	µg/L	01_072714_02	
Bons Reservoir	Sodium	8/15/2014	3300	µg/L	01_081014_02	
Bons Reservoir	Sodium	8/25/2014	3600	µg/L	01_082414_02	
Bons Reservoir	Sodium	9/4/2014	3500	µg/L	01_091414_02	
Bons Reservoir	Sodium	9/11/2014	3700	µg/L	01_092814_02	
Bons Reservoir	Sulfate	5/9/2014	17700	µg/L	01_051114_02	
Bons Reservoir	Sulfate	5/22/2014	16800	µg/L	01_052514_02	
Bons Reservoir	Sulfate	6/13/2014	14400	µg/L	01_060814_02	
Bons Reservoir	Sulfate	6/27/2014	30900	µg/L	01_062214_02	
Bons Reservoir	Sulfate	7/10/2014	43100	µg/L	01_071314_02	
Bons Reservoir	Sulfate	7/24/2014	46900	µg/L	01_072714_02	
Bons Reservoir	Sulfate	8/15/2014	50500	µg/L	01_081014_02	
Bons Reservoir	Sulfate	8/25/2014	54200	µg/L	01_082414_02	
Bons Reservoir	Sulfate	9/4/2014	55700	µg/L	01_091414_02	
Bons Reservoir	Sulfate	9/11/2014	56100	µg/L	01_092814_02	
Bons Reservoir	Temperature, Field	5/9/2014	0.4	°C	01_051114_02	
Bons Reservoir	Temperature, Field	5/22/2014	0.4	°C	01_052514_02	
Bons Reservoir	Temperature, Field	6/13/2014	3.6	°C	01_060814_02	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Bons Reservoir	Temperature, Field	6/27/2014	13.6	°C	01_062214_02	
Bons Reservoir	Temperature, Field	7/10/2014	19.3	°C	01_071314_02	
Bons Reservoir	Temperature, Field	7/24/2014	7.6	°C	01_072714_02	
Bons Reservoir	Temperature, Field	8/15/2014	15.3	°C	01_081014_02	
Bons Reservoir	Temperature, Field	8/25/2014	12.1	°C	01_082414_02	
Bons Reservoir	Temperature, Field	9/4/2014	6.3	°C	01_091414_02	
Bons Reservoir	Temperature, Field	9/11/2014	6	°C	01_092814_02	
Bons Reservoir	Total Dissolved Solids	5/9/2014	80000	µg/L	01_051114_02	EXCEEDED HOLD TIME
Bons Reservoir	Total Dissolved Solids	5/22/2014	90000	µg/L	01_052514_02	
Bons Reservoir	Total Dissolved Solids	6/13/2014	60000	µg/L	01_060814_02	
Bons Reservoir	Total Dissolved Solids	6/27/2014	110000	µg/L	01_062214_02	
Bons Reservoir	Total Dissolved Solids	7/10/2014	150000	µg/L	01_071314_02	
Bons Reservoir	Total Dissolved Solids	7/24/2014	160000	µg/L	01_072714_02	
Bons Reservoir	Total Dissolved Solids	8/15/2014	180000	µg/L	01_081014_02	
Bons Reservoir	Total Dissolved Solids	8/25/2014	200000	µg/L	01_082414_02	
Bons Reservoir	Total Dissolved Solids	9/4/2014	200000	µg/L	01_091414_02	
Bons Reservoir	Total Dissolved Solids	9/11/2014	210000	µg/L	01_092814_02	
Bons Reservoir	Total Suspended Solids	5/9/2014	< 5000	µg/L	01_051114_02	NOT DETECTED
Bons Reservoir	Total Suspended Solids	5/22/2014	< 5000	µg/L	01_052514_02	NOT DETECTED
Bons Reservoir	Total Suspended Solids	6/13/2014	< 5000	µg/L	01_060814_02	NOT DETECTED
Bons Reservoir	Total Suspended Solids	6/27/2014	< 5000	µg/L	01_062214_02	NOT DETECTED
Bons Reservoir	Total Suspended Solids	7/10/2014	< 5000	µg/L	01_071314_02	NOT DETECTED
Bons Reservoir	Total Suspended Solids	7/24/2014	5000	µg/L	01_072714_02	BETWEEN MDL & PQL
Bons Reservoir	Total Suspended Solids	8/15/2014	< 5000	µg/L	01_081014_02	NOT DETECTED
Bons Reservoir	Total Suspended Solids	8/25/2014	< 5000	µg/L	01_082414_02	NOT DETECTED
Bons Reservoir	Total Suspended Solids	9/4/2014	< 5000	µg/L	01_091414_02	NOT DETECTED
Bons Reservoir	Total Suspended Solids	9/11/2014	< 5000	µg/L	01_092814_02	NOT DETECTED
Bons Reservoir	Zinc	5/9/2014	82	µg/L	01_051114_02	
Bons Reservoir	Zinc	5/22/2014	92	µg/L	01_052514_02	
Bons Reservoir	Zinc	6/13/2014	23	µg/L	01_060814_02	
Bons Reservoir	Zinc	6/27/2014	19	µg/L	01_062214_02	
Bons Reservoir	Zinc	7/10/2014	18	µg/L	01_071314_02	
Bons Reservoir	Zinc	7/24/2014	22	µg/L	01_072714_02	
Bons Reservoir	Zinc	8/15/2014	12	µg/L	01_081014_02	
Bons Reservoir	Zinc	8/25/2014	15	µg/L	01_082414_02	
Bons Reservoir	Zinc	9/4/2014	21	µg/L	01_091414_02	
Bons Reservoir	Zinc	9/11/2014	18	µg/L	01_092814_02	
Buddy 221	Alkalinity (As CaC03)	5/9/2014	72000	µg/L	01_051114_03	
Buddy 221	Alkalinity (As CaC03)	5/22/2014	32000	µg/L	01_052514_03	
Buddy 221	Alkalinity (As CaC03)	6/13/2014	66000	µg/L	01_060814_03	
Buddy 221	Alkalinity (As CaC03)	6/27/2014	107000	µg/L	01_062214_03	
Buddy 221	Alkalinity (As CaC03)	7/10/2014	136000	µg/L	01_071314_03	
Buddy 221	Alkalinity (As CaC03)	7/24/2014	114000	µg/L	01_072714_03	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Buddy 221	Alkalinity (As CaC03)	8/15/2014	161000	µg/L	01_081014_03	
Buddy 221	Alkalinity (As CaC03)	8/25/2014	142000	µg/L	01_082414_03	
Buddy 221	Alkalinity (As CaC03)	9/4/2014	143000	µg/L	01_091414_03	
Buddy 221	Alkalinity (As CaC03)	9/11/2014	139000	µg/L	01_092814_03	
Buddy 221	Alkalinity (As CaC03)	10/13/2014	142000	µg/L	01_101214_03	
Buddy 221	Aluminum	5/9/2014	24	µg/L	01_051114_03	
Buddy 221	Aluminum	5/22/2014	93	µg/L	01_052514_03	
Buddy 221	Aluminum	6/13/2014	43	µg/L	01_060814_03	
Buddy 221	Aluminum	6/27/2014	16	µg/L	01_062214_03	
Buddy 221	Aluminum	7/10/2014	21	µg/L	01_071314_03	
Buddy 221	Aluminum	7/24/2014	21	µg/L	01_072714_03	
Buddy 221	Aluminum	8/15/2014	10	µg/L	01_081014_03	
Buddy 221	Aluminum	8/25/2014	9	µg/L	01_082414_03	
Buddy 221	Aluminum	9/4/2014	9	µg/L	01_091414_03	
Buddy 221	Aluminum	9/11/2014	8	µg/L	01_092814_03	
Buddy 221	Aluminum	10/13/2014	14	µg/L	01_101214_03	
Buddy 221	Bicarbonate (As CaC03)	5/9/2014	72000	µg/L	01_051114_03	
Buddy 221	Bicarbonate (As CaC03)	5/22/2014	32000	µg/L	01_052514_03	
Buddy 221	Bicarbonate (As CaC03)	6/13/2014	66000	µg/L	01_060814_03	
Buddy 221	Bicarbonate (As CaC03)	6/27/2014	105000	µg/L	01_062214_03	
Buddy 221	Bicarbonate (As CaC03)	7/10/2014	136000	µg/L	01_071314_03	
Buddy 221	Bicarbonate (As CaC03)	7/24/2014	114000	µg/L	01_072714_03	
Buddy 221	Bicarbonate (As CaC03)	8/15/2014	160000	µg/L	01_081014_03	
Buddy 221	Bicarbonate (As CaC03)	8/25/2014	142000	µg/L	01_082414_03	
Buddy 221	Bicarbonate (As CaC03)	9/4/2014	143000	µg/L	01_091414_03	
Buddy 221	Bicarbonate (As CaC03)	9/11/2014	139000	µg/L	01_092814_03	
Buddy 221	Bicarbonate (As CaC03)	10/13/2014	142000	µg/L	01_101214_03	
Buddy 221	Cadmium	5/9/2014	0.1	µg/L	01_051114_03	BETWEEN MDL & PQL
Buddy 221	Cadmium	5/22/2014	0.2	µg/L	01_052514_03	BETWEEN MDL & PQL
Buddy 221	Cadmium	6/13/2014	< 0.1	µg/L	01_060814_03	NOT DETECTED
Buddy 221	Cadmium	6/27/2014	< 0.1	µg/L	01_062214_03	NOT DETECTED
Buddy 221	Cadmium	7/10/2014	0.4	µg/L	01_071314_03	BETWEEN MDL & PQL
Buddy 221	Cadmium	7/24/2014	< 0.1	µg/L	01_072714_03	NOT DETECTED
Buddy 221	Cadmium	8/15/2014	< 0.1	µg/L	01_081014_03	NOT DETECTED
Buddy 221	Cadmium	8/25/2014	< 0.1	µg/L	01_082414_03	NOT DETECTED
Buddy 221	Cadmium	9/4/2014	< 0.1	µg/L	01_091414_03	NOT DETECTED
Buddy 221	Cadmium	9/11/2014	< 0.1	µg/L	01_092814_03	NOT DETECTED
Buddy 221	Cadmium	10/13/2014	< 0.1	µg/L	01_101214_03	NOT DETECTED
Buddy 221	Calcium	5/9/2014	23100	µg/L	01_051114_03	
Buddy 221	Calcium	5/22/2014	9300	µg/L	01_052514_03	
Buddy 221	Calcium	6/13/2014	18200	µg/L	01_060814_03	
Buddy 221	Calcium	6/27/2014	32700	µg/L	01_062214_03	
Buddy 221	Calcium	7/10/2014	41600	µg/L	01_071314_03	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Buddy 221	Calcium	7/24/2014	35900	µg/L	01_072714_03	
Buddy 221	Calcium	8/15/2014	46400	µg/L	01_081014_03	
Buddy 221	Calcium	8/25/2014	45200	µg/L	01_082414_03	
Buddy 221	Calcium	9/4/2014	44400	µg/L	01_091414_03	
Buddy 221	Calcium	9/11/2014	44300	µg/L	01_092814_03	
Buddy 221	Calcium	10/13/2014	45400	µg/L	01_101214_03	
Buddy 221	Carbonate (AS CaCO3)	5/9/2014	< 2000	µg/L	01_051114_03	NOT DETECTED
Buddy 221	Carbonate (AS CaCO3)	5/22/2014	< 2000	µg/L	01_052514_03	NOT DETECTED
Buddy 221	Carbonate (AS CaCO3)	6/13/2014	< 2000	µg/L	01_060814_03	NOT DETECTED
Buddy 221	Carbonate (AS CaCO3)	6/27/2014	3000	µg/L	01_062214_03	BETWEEN MDL & PQL
Buddy 221	Carbonate (AS CaCO3)	7/10/2014	< 2000	µg/L	01_071314_03	NOT DETECTED
Buddy 221	Carbonate (AS CaCO3)	7/24/2014	< 2000	µg/L	01_072714_03	NOT DETECTED
Buddy 221	Carbonate (AS CaCO3)	8/15/2014	< 2000	µg/L	01_081014_03	NOT DETECTED
Buddy 221	Carbonate (AS CaCO3)	8/25/2014	< 2000	µg/L	01_082414_03	NOT DETECTED
Buddy 221	Carbonate (AS CaCO3)	9/4/2014	< 2000	µg/L	01_091414_03	NOT DETECTED
Buddy 221	Carbonate (AS CaCO3)	9/11/2014	< 2000	µg/L	01_092814_03	NOT DETECTED
Buddy 221	Carbonate (AS CaCO3)	10/13/2014	< 2000	µg/L	01_101214_03	NOT DETECTED
Buddy 221	Chloride	5/9/2014	2110	µg/L	01_051114_03	BETWEEN MDL & PQL
Buddy 221	Chloride	5/22/2014	1140	µg/L	01_052514_03	BETWEEN MDL & PQL
Buddy 221	Chloride	6/13/2014	840	µg/L	01_060814_03	BETWEEN MDL & PQL
Buddy 221	Chloride	6/27/2014	1100	µg/L	01_062214_03	BETWEEN MDL & PQL
Buddy 221	Chloride	7/10/2014	< 500	µg/L	01_071314_03	NOT DETECTED
Buddy 221	Chloride	7/24/2014	780	µg/L	01_072714_03	BETWEEN MDL & PQL
Buddy 221	Chloride	8/15/2014	< 500	µg/L	01_081014_03	NOT DETECTED
Buddy 221	Chloride	8/25/2014	1210	µg/L	01_082414_03	BETWEEN MDL & PQL
Buddy 221	Chloride	9/4/2014	1310	µg/L	01_091414_03	BETWEEN MDL & PQL
Buddy 221	Chloride	9/11/2014	1330	µg/L	01_092814_03	BETWEEN MDL & PQL
Buddy 221	Chloride	10/13/2014	2940	µg/L	01_101214_03	
Buddy 221	Conductivity, Field	5/9/2014	99.8	uS/cm	01_051114_03	
Buddy 221	Conductivity, Field	5/22/2014	50	uS/cm	01_052514_03	
Buddy 221	Conductivity, Field	6/13/2014	90.5	uS/cm	01_060814_03	
Buddy 221	Conductivity, Field	6/27/2014	174.8	uS/cm	01_062214_03	
Buddy 221	Conductivity, Field	7/10/2014	243.1	uS/cm	01_071314_03	
Buddy 221	Conductivity, Field	7/24/2014	166.7	uS/cm	01_072714_03	
Buddy 221	Conductivity, Field	8/15/2014	243.5	uS/cm	01_081014_03	
Buddy 221	Conductivity, Field	8/25/2014	250.9	uS/cm	01_082414_03	
Buddy 221	Conductivity, Field	9/4/2014	207.6	uS/cm	01_091414_03	
Buddy 221	Conductivity, Field	9/11/2014	215.7	uS/cm	01_092814_03	
Buddy 221	Conductivity, Field	10/13/2014	212.5	uS/cm	01_101214_03	
Buddy 221	Iron	5/9/2014	60	µg/L	01_051114_03	
Buddy 221	Iron	5/22/2014	160	µg/L	01_052514_03	
Buddy 221	Iron	6/13/2014	150	µg/L	01_060814_03	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Buddy 221	Iron	6/27/2014	< 20	µg/L	01_062214_03	NOT DETECTED
Buddy 221	Iron	7/10/2014	20	µg/L	01_071314_03	BETWEEN MDL & PQL
Buddy 221	Iron	7/24/2014	30	µg/L	01_072714_03	BETWEEN MDL & PQL
Buddy 221	Iron	8/15/2014	< 20	µg/L	01_081014_03	NOT DETECTED
Buddy 221	Iron	8/25/2014	< 20	µg/L	01_082414_03	NOT DETECTED
Buddy 221	Iron	9/4/2014	< 20	µg/L	01_091414_03	NOT DETECTED
Buddy 221	Iron	9/11/2014	< 20	µg/L	01_092814_03	NOT DETECTED
Buddy 221	Iron	10/13/2014	< 20	µg/L	01_101214_03	NOT DETECTED
Buddy 221	Lead	5/9/2014	3.3	µg/L	01_051114_03	
Buddy 221	Lead	5/22/2014	6.1	µg/L	01_052514_03	
Buddy 221	Lead	6/13/2014	0.8	µg/L	01_060814_03	
Buddy 221	Lead	6/27/2014	0.1	µg/L	01_062214_03	BETWEEN MDL & PQL
Buddy 221	Lead	7/10/2014	0.6	µg/L	01_071314_03	
Buddy 221	Lead	7/24/2014	0.1	µg/L	01_072714_03	BETWEEN MDL & PQL
Buddy 221	Lead	8/15/2014	< 0.1	µg/L	01_081014_03	NOT DETECTED
Buddy 221	Lead	8/25/2014	< 0.1	µg/L	01_082414_03	NOT DETECTED
Buddy 221	Lead	9/4/2014	< 0.1	µg/L	01_091414_03	NOT DETECTED
Buddy 221	Lead	9/11/2014	< 0.1	µg/L	01_092814_03	NOT DETECTED
Buddy 221	Lead	10/13/2014	0.2	µg/L	01_101214_03	BETWEEN MDL & PQL
Buddy 221	Magnesium	5/9/2014	8500	µg/L	01_051114_03	
Buddy 221	Magnesium	5/22/2014	3600	µg/L	01_052514_03	
Buddy 221	Magnesium	6/13/2014	6200	µg/L	01_060814_03	
Buddy 221	Magnesium	6/27/2014	11000	µg/L	01_062214_03	
Buddy 221	Magnesium	7/10/2014	13000	µg/L	01_071314_03	
Buddy 221	Magnesium	7/24/2014	12300	µg/L	01_072714_03	
Buddy 221	Magnesium	8/15/2014	15300	µg/L	01_081014_03	
Buddy 221	Magnesium	8/25/2014	15700	µg/L	01_082414_03	
Buddy 221	Magnesium	9/4/2014	16800	µg/L	01_091414_03	
Buddy 221	Magnesium	9/11/2014	15800	µg/L	01_092814_03	
Buddy 221	Magnesium	10/13/2014	17300	µg/L	01_101214_03	
Buddy 221	pH, Field	5/9/2014	7.47	pH Units	01_051114_03	
Buddy 221	pH, Field	5/22/2014	7.28	pH Units	01_052514_03	
Buddy 221	pH, Field	6/13/2014	7.82	pH Units	01_060814_03	
Buddy 221	pH, Field	6/27/2014	7.87	pH Units	01_062214_03	
Buddy 221	pH, Field	7/10/2014	8.10	pH Units	01_071314_03	
Buddy 221	pH, Field	7/24/2014	7.91	pH Units	01_072714_03	
Buddy 221	pH, Field	8/15/2014	8.02	pH Units	01_081014_03	
Buddy 221	pH, Field	8/25/2014	8.07	pH Units	01_082414_03	
Buddy 221	pH, Field	9/4/2014	7.99	pH Units	01_091414_03	
Buddy 221	pH, Field	9/11/2014	8.11	pH Units	01_092814_03	
Buddy 221	pH, Field	10/13/2014	8.13	pH Units	01_101214_03	
Buddy 221	Potassium	5/9/2014	900	µg/L	01_051114_03	BETWEEN MDL & PQL

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Buddy 221	Potassium	5/22/2014	1100	µg/L	01_052514_03	
Buddy 221	Potassium	6/13/2014	700	µg/L	01_060814_03	BETWEEN MDL & PQL
Buddy 221	Potassium	6/27/2014	700	µg/L	01_062214_03	BETWEEN MDL & PQL
Buddy 221	Potassium	7/10/2014	700	µg/L	01_071314_03	BETWEEN MDL & PQL
Buddy 221	Potassium	7/24/2014	500	µg/L	01_072714_03	BETWEEN MDL & PQL
Buddy 221	Potassium	8/15/2014	500	µg/L	01_081014_03	BETWEEN MDL & PQL
Buddy 221	Potassium	8/25/2014	700	µg/L	01_082414_03	BETWEEN MDL & PQL
Buddy 221	Potassium	9/4/2014	500	µg/L	01_091414_03	BETWEEN MDL & PQL
Buddy 221	Potassium	9/11/2014	600	µg/L	01_092814_03	BETWEEN MDL & PQL
Buddy 221	Potassium	10/13/2014	600	µg/L	01_101214_03	BETWEEN MDL & PQL
Buddy 221	Selenium	5/9/2014	< 1	µg/L	01_051114_03	NOT DETECTED
Buddy 221	Selenium	5/22/2014	< 1	µg/L	01_052514_03	NOT DETECTED
Buddy 221	Selenium	6/13/2014	< 1	µg/L	01_060814_03	NOT DETECTED
Buddy 221	Selenium	6/27/2014	1.4	µg/L	01_062214_03	BETWEEN MDL & PQL
Buddy 221	Selenium	7/10/2014	2.2	µg/L	01_071314_03	BETWEEN MDL & PQL
Buddy 221	Selenium	7/24/2014	2.6	µg/L	01_072714_03	BETWEEN MDL & PQL
Buddy 221	Selenium	8/15/2014	1.7	µg/L	01_081014_03	BETWEEN MDL & PQL
Buddy 221	Selenium	8/25/2014	2.3	µg/L	01_082414_03	BETWEEN MDL & PQL
Buddy 221	Selenium	9/4/2014	2.3	µg/L	01_091414_03	BETWEEN MDL & PQL
Buddy 221	Selenium	9/11/2014	3.1	µg/L	01_092814_03	BETWEEN MDL & PQL
Buddy 221	Selenium	10/13/2014	1.9	µg/L	01_101214_03	BETWEEN MDL & PQL
Buddy 221	Sodium	5/9/2014	5200	µg/L	01_051114_03	
Buddy 221	Sodium	5/22/2014	1800	µg/L	01_052514_03	
Buddy 221	Sodium	6/13/2014	2100	µg/L	01_060814_03	
Buddy 221	Sodium	6/27/2014	4100	µg/L	01_062214_03	
Buddy 221	Sodium	7/10/2014	6100	µg/L	01_071314_03	
Buddy 221	Sodium	7/24/2014	4400	µg/L	01_072714_03	
Buddy 221	Sodium	8/15/2014	8700	µg/L	01_081014_03	
Buddy 221	Sodium	8/25/2014	6600	µg/L	01_082414_03	
Buddy 221	Sodium	9/4/2014	4300	µg/L	01_091414_03	
Buddy 221	Sodium	9/11/2014	6800	µg/L	01_092814_03	
Buddy 221	Sodium	10/13/2014	6900	µg/L	01_101214_03	
Buddy 221	Sulfate	5/9/2014	32200	µg/L	01_051114_03	
Buddy 221	Sulfate	5/22/2014	10500	µg/L	01_052514_03	
Buddy 221	Sulfate	6/13/2014	16400	µg/L	01_060814_03	
Buddy 221	Sulfate	6/27/2014	34400	µg/L	01_062214_03	
Buddy 221	Sulfate	7/10/2014	37700	µg/L	01_071314_03	
Buddy 221	Sulfate	7/24/2014	34200	µg/L	01_072714_03	
Buddy 221	Sulfate	8/15/2014	41700	µg/L	01_081014_03	
Buddy 221	Sulfate	8/25/2014	47800	µg/L	01_082414_03	
Buddy 221	Sulfate	9/4/2014	40600	µg/L	01_091414_03	
Buddy 221	Sulfate	9/11/2014	49400	µg/L	01_092814_03	
Buddy 221	Sulfate	10/13/2014	58200	µg/L	01_101214_03	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Buddy 221	Temperature, Field	5/9/2014	-0.1	°C	01_051114_03	
Buddy 221	Temperature, Field	5/22/2014	-0.1	°C	01_052514_03	
Buddy 221	Temperature, Field	6/13/2014	2.9	°C	01_060814_03	
Buddy 221	Temperature, Field	6/27/2014	6.6	°C	01_062214_03	
Buddy 221	Temperature, Field	7/10/2014	12.4	°C	01_071314_03	
Buddy 221	Temperature, Field	7/24/2014	3.0	°C	01_072714_03	
Buddy 221	Temperature, Field	8/15/2014	7.9	°C	01_081014_03	
Buddy 221	Temperature, Field	8/25/2014	8.9	°C	01_082414_03	
Buddy 221	Temperature, Field	9/4/2014	3.1	°C	01_091414_03	
Buddy 221	Temperature, Field	9/11/2014	4.2	°C	01_092814_03	
Buddy 221	Temperature, Field	10/13/2014	0	°C	01_101214_03	
Buddy 221	Total Dissolved Solids	5/9/2014	80000	µg/L	01_051114_03	EXCEEDED HOLD TIME
Buddy 221	Total Dissolved Solids	5/22/2014	70000	µg/L	01_052514_03	
Buddy 221	Total Dissolved Solids	6/13/2014	80000	µg/L	01_060814_03	
Buddy 221	Total Dissolved Solids	6/27/2014	150000	µg/L	01_062214_03	
Buddy 221	Total Dissolved Solids	7/10/2014	170000	µg/L	01_071314_03	
Buddy 221	Total Dissolved Solids	7/24/2014	130000	µg/L	01_072714_03	
Buddy 221	Total Dissolved Solids	8/15/2014	210000	µg/L	01_081014_03	
Buddy 221	Total Dissolved Solids	8/25/2014	210000	µg/L	01_082414_03	
Buddy 221	Total Dissolved Solids	9/4/2014	200000	µg/L	01_091414_03	
Buddy 221	Total Dissolved Solids	9/11/2014	210000	µg/L	01_092814_03	
Buddy 221	Total Dissolved Solids	10/13/2014	234000	µg/L	01_101214_03	
Buddy 221	Total Suspended Solids	5/9/2014	< 5000	µg/L	01_051114_03	NOT DETECTED
Buddy 221	Total Suspended Solids	5/22/2014	< 5000	µg/L	01_052514_03	NOT DETECTED
Buddy 221	Total Suspended Solids	6/13/2014	< 5000	µg/L	01_060814_03	NOT DETECTED
Buddy 221	Total Suspended Solids	6/27/2014	< 5000	µg/L	01_062214_03	NOT DETECTED
Buddy 221	Total Suspended Solids	7/10/2014	< 5000	µg/L	01_071314_03	NOT DETECTED
Buddy 221	Total Suspended Solids	7/24/2014	< 5000	µg/L	01_072714_03	NOT DETECTED
Buddy 221	Total Suspended Solids	8/15/2014	< 5000	µg/L	01_081014_03	NOT DETECTED
Buddy 221	Total Suspended Solids	8/25/2014	< 5000	µg/L	01_082414_03	NOT DETECTED
Buddy 221	Total Suspended Solids	9/4/2014	< 5000	µg/L	01_091414_03	NOT DETECTED
Buddy 221	Total Suspended Solids	9/11/2014	< 5000	µg/L	01_092814_03	NOT DETECTED
Buddy 221	Total Suspended Solids	10/13/2014	5000	µg/L	01_101214_03	BETWEEN MDL & PQL
Buddy 221	Zinc	5/9/2014	10	µg/L	01_051114_03	
Buddy 221	Zinc	5/22/2014	20	µg/L	01_052514_03	
Buddy 221	Zinc	6/13/2014	6	µg/L	01_060814_03	
Buddy 221	Zinc	6/27/2014	3	µg/L	01_062214_03	BETWEEN MDL & PQL
Buddy 221	Zinc	7/10/2014	3	µg/L	01_071314_03	BETWEEN MDL & PQL
Buddy 221	Zinc	7/24/2014	4	µg/L	01_072714_03	BETWEEN MDL & PQL
Buddy 221	Zinc	8/15/2014	2	µg/L	01_081014_03	BETWEEN MDL & PQL
Buddy 221	Zinc	8/25/2014	3	µg/L	01_082414_03	BETWEEN MDL & PQL
Buddy 221	Zinc	9/4/2014	3	µg/L	01_091414_03	BETWEEN MDL & PQL
Buddy 221	Zinc	9/11/2014	5	µg/L	01_092814_03	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Buddy 221	Zinc	10/13/2014	8	µg/L	01_101214_03	
Buddy Creek	Alkalinity (As CaC03)	5/9/2014	69000	µg/L	01_051114_04	
Buddy Creek	Alkalinity (As CaC03)	5/22/2014	41000	µg/L	01_052514_04	
Buddy Creek	Alkalinity (As CaC03)	6/13/2014	47000	µg/L	01_060814_04	
Buddy Creek	Alkalinity (As CaC03)	6/27/2014	114000	µg/L	01_062214_04	
Buddy Creek	Alkalinity (As CaC03)	7/10/2014	120000	µg/L	01_071314_04	
Buddy Creek	Alkalinity (As CaC03)	7/24/2014	112000	µg/L	01_072714_04	
Buddy Creek	Alkalinity (As CaC03)	8/15/2014	139000	µg/L	01_081014_04	
Buddy Creek	Alkalinity (As CaC03)	8/25/2014	133000	µg/L	01_082414_04	
Buddy Creek	Alkalinity (As CaC03)	9/4/2014	130000	µg/L	01_091414_04	
Buddy Creek	Alkalinity (As CaC03)	9/11/2014	133000	µg/L	01_092814_04	
Buddy Creek	Alkalinity (As CaC03)	10/13/2014	148000	µg/L	01_101214_04	
Buddy Creek	Aluminum	5/9/2014	30	µg/L	01_051114_04	
Buddy Creek	Aluminum	5/22/2014	61	µg/L	01_052514_04	
Buddy Creek	Aluminum	6/13/2014	51	µg/L	01_060814_04	
Buddy Creek	Aluminum	6/27/2014	15	µg/L	01_062214_04	
Buddy Creek	Aluminum	7/10/2014	17	µg/L	01_071314_04	
Buddy Creek	Aluminum	7/24/2014	19	µg/L	01_072714_04	
Buddy Creek	Aluminum	8/15/2014	14	µg/L	01_081014_04	
Buddy Creek	Aluminum	8/25/2014	13	µg/L	01_082414_04	
Buddy Creek	Aluminum	9/4/2014	9	µg/L	01_091414_04	
Buddy Creek	Aluminum	9/11/2014	8	µg/L	01_092814_04	
Buddy Creek	Aluminum	10/13/2014	9	µg/L	01_101214_04	
Buddy Creek	Bicarbonate (As CaC03)	5/9/2014	69000	µg/L	01_051114_04	
Buddy Creek	Bicarbonate (As CaC03)	5/22/2014	41000	µg/L	01_052514_04	
Buddy Creek	Bicarbonate (As CaC03)	6/13/2014	47000	µg/L	01_060814_04	
Buddy Creek	Bicarbonate (As CaC03)	6/27/2014	112000	µg/L	01_062214_04	
Buddy Creek	Bicarbonate (As CaC03)	7/10/2014	120000	µg/L	01_071314_04	
Buddy Creek	Bicarbonate (As CaC03)	7/24/2014	112000	µg/L	01_072714_04	
Buddy Creek	Bicarbonate (As CaC03)	8/15/2014	139000	µg/L	01_081014_04	
Buddy Creek	Bicarbonate (As CaC03)	8/25/2014	133000	µg/L	01_082414_04	
Buddy Creek	Bicarbonate (As CaC03)	9/4/2014	130000	µg/L	01_091414_04	
Buddy Creek	Bicarbonate (As CaC03)	9/11/2014	133000	µg/L	01_092814_04	
Buddy Creek	Bicarbonate (As CaC03)	10/13/2014	148000	µg/L	01_101214_04	
Buddy Creek	Cadmium	5/9/2014	0.1	µg/L	01_051114_04	BETWEEN MDL & PQL
Buddy Creek	Cadmium	5/22/2014	0.2	µg/L	01_052514_04	BETWEEN MDL & PQL
Buddy Creek	Cadmium	6/13/2014	< 0.1	µg/L	01_060814_04	NOT DETECTED
Buddy Creek	Cadmium	6/27/2014	< 0.1	µg/L	01_062214_04	NOT DETECTED
Buddy Creek	Cadmium	7/10/2014	< 0.1	µg/L	01_071314_04	NOT DETECTED
Buddy Creek	Cadmium	7/24/2014	< 0.1	µg/L	01_072714_04	NOT DETECTED
Buddy Creek	Cadmium	8/15/2014	< 0.1	µg/L	01_081014_04	NOT DETECTED
Buddy Creek	Cadmium	8/25/2014	< 0.1	µg/L	01_082414_04	NOT DETECTED
Buddy Creek	Cadmium	9/4/2014	< 0.1	µg/L	01_091414_04	NOT DETECTED

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Buddy Creek	Cadmium	9/11/2014	< 0.1	µg/L	01_092814_04	NOT DETECTED
Buddy Creek	Cadmium	10/13/2014	< 0.1	µg/L	01_101214_04	NOT DETECTED
Buddy Creek	Calcium	5/9/2014	22600	µg/L	01_051114_04	
Buddy Creek	Calcium	5/22/2014	12600	µg/L	01_052514_04	
Buddy Creek	Calcium	6/13/2014	17100	µg/L	01_060814_04	
Buddy Creek	Calcium	6/27/2014	30400	µg/L	01_062214_04	
Buddy Creek	Calcium	7/10/2014	37400	µg/L	01_071314_04	
Buddy Creek	Calcium	7/24/2014	35200	µg/L	01_072714_04	
Buddy Creek	Calcium	8/15/2014	44200	µg/L	01_081014_04	
Buddy Creek	Calcium	8/25/2014	42300	µg/L	01_082414_04	
Buddy Creek	Calcium	9/4/2014	43100	µg/L	01_091414_04	
Buddy Creek	Calcium	9/11/2014	42100	µg/L	01_092814_04	
Buddy Creek	Calcium	10/13/2014	43500	µg/L	01_101214_04	
Buddy Creek	Carbonate (AS CaCO3)	5/9/2014	< 2000	µg/L	01_051114_04	NOT DETECTED
Buddy Creek	Carbonate (AS CaCO3)	5/22/2014	< 2000	µg/L	01_052514_04	NOT DETECTED
Buddy Creek	Carbonate (AS CaCO3)	6/13/2014	< 2000	µg/L	01_060814_04	NOT DETECTED
Buddy Creek	Carbonate (AS CaCO3)	6/27/2014	3000	µg/L	01_062214_04	BETWEEN MDL & PQL
Buddy Creek	Carbonate (AS CaCO3)	7/10/2014	< 2000	µg/L	01_071314_04	NOT DETECTED
Buddy Creek	Carbonate (AS CaCO3)	7/24/2014	< 2000	µg/L	01_072714_04	NOT DETECTED
Buddy Creek	Carbonate (AS CaCO3)	8/15/2014	< 2000	µg/L	01_081014_04	NOT DETECTED
Buddy Creek	Carbonate (AS CaCO3)	8/25/2014	< 2000	µg/L	01_082414_04	NOT DETECTED
Buddy Creek	Carbonate (AS CaCO3)	9/4/2014	< 2000	µg/L	01_091414_04	NOT DETECTED
Buddy Creek	Carbonate (AS CaCO3)	9/11/2014	< 2000	µg/L	01_092814_04	NOT DETECTED
Buddy Creek	Carbonate (AS CaCO3)	10/13/2014	< 2000	µg/L	01_101214_04	NOT DETECTED
Buddy Creek	Chloride	5/9/2014	3880	µg/L	01_051114_04	
Buddy Creek	Chloride	5/22/2014	2810	µg/L	01_052514_04	
Buddy Creek	Chloride	6/13/2014	1530	µg/L	01_060814_04	BETWEEN MDL & PQL
Buddy Creek	Chloride	6/27/2014	2090	µg/L	01_062214_04	BETWEEN MDL & PQL
Buddy Creek	Chloride	7/10/2014	2460	µg/L	01_071314_04	BETWEEN MDL & PQL
Buddy Creek	Chloride	7/24/2014	2580	µg/L	01_072714_04	
Buddy Creek	Chloride	8/15/2014	3180	µg/L	01_081014_04	
Buddy Creek	Chloride	8/25/2014	3260	µg/L	01_082414_04	
Buddy Creek	Chloride	9/4/2014	3510	µg/L	01_091414_04	
Buddy Creek	Chloride	9/11/2014	3490	µg/L	01_092814_04	
Buddy Creek	Chloride	10/13/2014	4340	µg/L	01_101214_04	
Buddy Creek	Conductivity, Field	5/9/2014	110.8	uS/cm	01_051114_04	
Buddy Creek	Conductivity, Field	5/22/2014	65.4	uS/cm	01_052514_04	
Buddy Creek	Conductivity, Field	6/13/2014	91.3	uS/cm	01_060814_04	
Buddy Creek	Conductivity, Field	6/27/2014	182.3	uS/cm	01_062214_04	
Buddy Creek	Conductivity, Field	7/10/2014	246.5	uS/cm	01_071314_04	
Buddy Creek	Conductivity, Field	7/24/2014	185.7	uS/cm	01_072714_04	
Buddy Creek	Conductivity, Field	8/15/2014	254.1	uS/cm	01_081014_04	
Buddy Creek	Conductivity, Field	8/25/2014	253.9	uS/cm	01_082414_04	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Buddy Creek	Conductivity, Field	9/4/2014	217.6	uS/cm	01_091414_04	
Buddy Creek	Conductivity, Field	9/11/2014	222	uS/cm	01_092814_04	
Buddy Creek	Conductivity, Field	10/13/2014	208.6	uS/cm	01_101214_04	
Buddy Creek	Iron	5/9/2014	80	µg/L	01_051114_04	
Buddy Creek	Iron	5/22/2014	180	µg/L	01_052514_04	
Buddy Creek	Iron	6/13/2014	250	µg/L	01_060814_04	
Buddy Creek	Iron	6/27/2014	40	µg/L	01_062214_04	BETWEEN MDL & PQL
Buddy Creek	Iron	7/10/2014	30	µg/L	01_071314_04	BETWEEN MDL & PQL
Buddy Creek	Iron	7/24/2014	40	µg/L	01_072714_04	BETWEEN MDL & PQL
Buddy Creek	Iron	8/15/2014	80	µg/L	01_081014_04	
Buddy Creek	Iron	8/25/2014	30	µg/L	01_082414_04	BETWEEN MDL & PQL
Buddy Creek	Iron	9/4/2014	< 20	µg/L	01_091414_04	NOT DETECTED
Buddy Creek	Iron	9/11/2014	< 20	µg/L	01_092814_04	NOT DETECTED
Buddy Creek	Iron	10/13/2014	< 20	µg/L	01_101214_04	NOT DETECTED
Buddy Creek	Lead	5/9/2014	4.5	µg/L	01_051114_04	
Buddy Creek	Lead	5/22/2014	9.3	µg/L	01_052514_04	
Buddy Creek	Lead	6/13/2014	2.5	µg/L	01_060814_04	
Buddy Creek	Lead	6/27/2014	0.6	µg/L	01_062214_04	
Buddy Creek	Lead	7/10/2014	0.5	µg/L	01_071314_04	
Buddy Creek	Lead	7/24/2014	0.5	µg/L	01_072714_04	
Buddy Creek	Lead	8/15/2014	0.5	µg/L	01_081014_04	
Buddy Creek	Lead	8/25/2014	0.5	µg/L	01_082414_04	
Buddy Creek	Lead	9/4/2014	0.3	µg/L	01_091414_04	BETWEEN MDL & PQL
Buddy Creek	Lead	9/11/2014	0.3	µg/L	01_092814_04	BETWEEN MDL & PQL
Buddy Creek	Lead	10/13/2014	0.4	µg/L	01_101214_04	BETWEEN MDL & PQL
Buddy Creek	Magnesium	5/9/2014	9700	µg/L	01_051114_04	
Buddy Creek	Magnesium	5/22/2014	5300	µg/L	01_052514_04	
Buddy Creek	Magnesium	6/13/2014	6900	µg/L	01_060814_04	
Buddy Creek	Magnesium	6/27/2014	12100	µg/L	01_062214_04	
Buddy Creek	Magnesium	7/10/2014	14700	µg/L	01_071314_04	
Buddy Creek	Magnesium	7/24/2014	14600	µg/L	01_072714_04	
Buddy Creek	Magnesium	8/15/2014	18500	µg/L	01_081014_04	
Buddy Creek	Magnesium	8/25/2014	17400	µg/L	01_082414_04	
Buddy Creek	Magnesium	9/4/2014	18500	µg/L	01_091414_04	
Buddy Creek	Magnesium	9/11/2014	18100	µg/L	01_092814_04	
Buddy Creek	Magnesium	10/13/2014	18500	µg/L	01_101214_04	
Buddy Creek	pH, Field	5/9/2014	7.73	pH Units	01_051114_04	
Buddy Creek	pH, Field	5/22/2014	7.38	pH Units	01_052514_04	
Buddy Creek	pH, Field	6/13/2014	7.86	pH Units	01_060814_04	
Buddy Creek	pH, Field	6/27/2014	7.95	pH Units	01_062214_04	
Buddy Creek	pH, Field	7/10/2014	8.08	pH Units	01_071314_04	
Buddy Creek	pH, Field	7/24/2014	7.96	pH Units	01_072714_04	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Buddy Creek	pH, Field	8/15/2014	8.03	pH Units	01_081014_04	
Buddy Creek	pH, Field	8/25/2014	8.15	pH Units	01_082414_04	
Buddy Creek	pH, Field	9/4/2014	8.06	pH Units	01_091414_04	
Buddy Creek	pH, Field	9/11/2014	8.07	pH Units	01_092814_04	
Buddy Creek	pH, Field	10/13/2014	8.07	pH Units	01_101214_04	
Buddy Creek	Potassium	5/9/2014	800	µg/L	01_051114_04	BETWEEN MDL & PQL
Buddy Creek	Potassium	5/22/2014	1000	µg/L	01_052514_04	
Buddy Creek	Potassium	6/13/2014	700	µg/L	01_060814_04	BETWEEN MDL & PQL
Buddy Creek	Potassium	6/27/2014	600	µg/L	01_062214_04	BETWEEN MDL & PQL
Buddy Creek	Potassium	7/10/2014	700	µg/L	01_071314_04	BETWEEN MDL & PQL
Buddy Creek	Potassium	7/24/2014	600	µg/L	01_072714_04	BETWEEN MDL & PQL
Buddy Creek	Potassium	8/15/2014	600	µg/L	01_081014_04	BETWEEN MDL & PQL
Buddy Creek	Potassium	8/25/2014	600	µg/L	01_082414_04	BETWEEN MDL & PQL
Buddy Creek	Potassium	9/4/2014	500	µg/L	01_091414_04	BETWEEN MDL & PQL
Buddy Creek	Potassium	9/11/2014	500	µg/L	01_092814_04	BETWEEN MDL & PQL
Buddy Creek	Potassium	10/13/2014	600	µg/L	01_101214_04	BETWEEN MDL & PQL
Buddy Creek	Selenium	5/9/2014	1.2	µg/L	01_051114_04	BETWEEN MDL & PQL
Buddy Creek	Selenium	5/22/2014	< 1	µg/L	01_052514_04	NOT DETECTED
Buddy Creek	Selenium	6/13/2014	< 1	µg/L	01_060814_04	NOT DETECTED
Buddy Creek	Selenium	6/27/2014	1.4	µg/L	01_062214_04	BETWEEN MDL & PQL
Buddy Creek	Selenium	7/10/2014	2.1	µg/L	01_071314_04	BETWEEN MDL & PQL
Buddy Creek	Selenium	7/24/2014	2.8	µg/L	01_072714_04	BETWEEN MDL & PQL
Buddy Creek	Selenium	8/15/2014	2.2	µg/L	01_081014_04	BETWEEN MDL & PQL
Buddy Creek	Selenium	8/25/2014	1.7	µg/L	01_082414_04	BETWEEN MDL & PQL
Buddy Creek	Selenium	9/4/2014	1.8	µg/L	01_091414_04	BETWEEN MDL & PQL
Buddy Creek	Selenium	9/11/2014	3.5	µg/L	01_092814_04	BETWEEN MDL & PQL
Buddy Creek	Selenium	10/13/2014	1.9	µg/L	01_101214_04	BETWEEN MDL & PQL
Buddy Creek	Sodium	5/9/2014	3000	µg/L	01_051114_04	
Buddy Creek	Sodium	5/22/2014	1500	µg/L	01_052514_04	
Buddy Creek	Sodium	6/13/2014	1600	µg/L	01_060814_04	
Buddy Creek	Sodium	6/27/2014	3000	µg/L	01_062214_04	
Buddy Creek	Sodium	7/10/2014	4000	µg/L	01_071314_04	
Buddy Creek	Sodium	7/24/2014	3500	µg/L	01_072714_04	
Buddy Creek	Sodium	8/15/2014	5300	µg/L	01_081014_04	
Buddy Creek	Sodium	8/25/2014	4700	µg/L	01_082414_04	
Buddy Creek	Sodium	9/4/2014	4300	µg/L	01_091414_04	
Buddy Creek	Sodium	9/11/2014	4700	µg/L	01_092814_04	
Buddy Creek	Sodium	10/13/2014	5300	µg/L	01_101214_04	
Buddy Creek	Sulfate	5/9/2014	30700	µg/L	01_051114_04	
Buddy Creek	Sulfate	5/22/2014	17700	µg/L	01_052514_04	
Buddy Creek	Sulfate	6/13/2014	17500	µg/L	01_060814_04	
Buddy Creek	Sulfate	6/27/2014	35000	µg/L	01_062214_04	
Buddy Creek	Sulfate	7/10/2014	44500	µg/L	01_071314_04	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Buddy Creek	Sulfate	7/24/2014	40800	µg/L	01_072714_04	
Buddy Creek	Sulfate	8/15/2014	48600	µg/L	01_081014_04	
Buddy Creek	Sulfate	8/25/2014	51400	µg/L	01_082414_04	
Buddy Creek	Sulfate	9/4/2014	52300	µg/L	01_091414_04	
Buddy Creek	Sulfate	9/11/2014	52400	µg/L	01_092814_04	
Buddy Creek	Sulfate	10/13/2014	56800	µg/L	01_101214_04	
Buddy Creek	Temperature, Field	5/9/2014	0.7	°C	01_051114_04	
Buddy Creek	Temperature, Field	5/22/2014	0.2	°C	01_052514_04	
Buddy Creek	Temperature, Field	6/13/2014	3.9	°C	01_060814_04	
Buddy Creek	Temperature, Field	6/27/2014	8.7	°C	01_062214_04	
Buddy Creek	Temperature, Field	7/10/2014	13.7	°C	01_071314_04	
Buddy Creek	Temperature, Field	7/24/2014	4.7	°C	01_072714_04	
Buddy Creek	Temperature, Field	8/15/2014	9.2	°C	01_081014_04	
Buddy Creek	Temperature, Field	8/25/2014	9.7	°C	01_082414_04	
Buddy Creek	Temperature, Field	9/4/2014	4.4	°C	01_091414_04	
Buddy Creek	Temperature, Field	9/11/2014	4.9	°C	01_092814_04	
Buddy Creek	Temperature, Field	10/13/2014	0.3	°C	01_101214_04	
Buddy Creek	Total Dissolved Solids	5/9/2014	100000	µg/L	01_051114_04	EXCEEDED HOLD TIME
Buddy Creek	Total Dissolved Solids	5/22/2014	90000	µg/L	01_052514_04	
Buddy Creek	Total Dissolved Solids	6/13/2014	70000	µg/L	01_060814_04	
Buddy Creek	Total Dissolved Solids	6/27/2014	140000	µg/L	01_062214_04	
Buddy Creek	Total Dissolved Solids	7/10/2014	190000	µg/L	01_071314_04	
Buddy Creek	Total Dissolved Solids	7/24/2014	150000	µg/L	01_072714_04	
Buddy Creek	Total Dissolved Solids	8/15/2014	210000	µg/L	01_081014_04	
Buddy Creek	Total Dissolved Solids	8/25/2014	160000	µg/L	01_082414_04	
Buddy Creek	Total Dissolved Solids	9/4/2014	200000	µg/L	01_091414_04	
Buddy Creek	Total Dissolved Solids	9/11/2014	210000	µg/L	01_092814_04	
Buddy Creek	Total Dissolved Solids	10/13/2014	222000	µg/L	01_101214_04	
Buddy Creek	Total Suspended Solids	5/9/2014	< 5000	µg/L	01_051114_04	NOT DETECTED
Buddy Creek	Total Suspended Solids	5/22/2014	< 5000	µg/L	01_052514_04	NOT DETECTED
Buddy Creek	Total Suspended Solids	6/13/2014	< 5000	µg/L	01_060814_04	NOT DETECTED
Buddy Creek	Total Suspended Solids	6/27/2014	< 5000	µg/L	01_062214_04	NOT DETECTED
Buddy Creek	Total Suspended Solids	7/10/2014	< 5000	µg/L	01_071314_04	NOT DETECTED
Buddy Creek	Total Suspended Solids	7/24/2014	< 5000	µg/L	01_072714_04	NOT DETECTED
Buddy Creek	Total Suspended Solids	8/15/2014	< 5000	µg/L	01_081014_04	NOT DETECTED
Buddy Creek	Total Suspended Solids	8/25/2014	< 5000	µg/L	01_082414_04	NOT DETECTED
Buddy Creek	Total Suspended Solids	9/4/2014	< 5000	µg/L	01_091414_04	NOT DETECTED
Buddy Creek	Total Suspended Solids	9/11/2014	< 5000	µg/L	01_092814_04	NOT DETECTED
Buddy Creek	Total Suspended Solids	10/13/2014	< 5000	µg/L	01_101214_04	NOT DETECTED
Buddy Creek	Zinc	5/9/2014	24	µg/L	01_051114_04	
Buddy Creek	Zinc	5/22/2014	44	µg/L	01_052514_04	
Buddy Creek	Zinc	6/13/2014	14	µg/L	01_060814_04	
Buddy Creek	Zinc	6/27/2014	11	µg/L	01_062214_04	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Buddy Creek	Zinc	7/10/2014	11	µg/L	01_071314_04	
Buddy Creek	Zinc	7/24/2014	13	µg/L	01_072714_04	
Buddy Creek	Zinc	8/15/2014	40	µg/L	01_081014_04	
Buddy Creek	Zinc	8/25/2014	11	µg/L	01_082414_04	
Buddy Creek	Zinc	9/4/2014	11	µg/L	01_091414_04	
Buddy Creek	Zinc	9/11/2014	12	µg/L	01_092814_04	
Buddy Creek	Zinc	10/13/2014	12	µg/L	01_101214_04	
Connie Creek	Alkalinity (As CaC03)	5/14/2014	45000	µg/L	01_051114_08	
Connie Creek	Alkalinity (As CaC03)	6/22/2014	27000	µg/L	01_060814_08	
Connie Creek	Alkalinity (As CaC03)	7/17/2014	39000	µg/L	01_071314_08	
Connie Creek	Alkalinity (As CaC03)	8/15/2014	67600	µg/L	01_081014_08	
Connie Creek	Alkalinity (As CaC03)	9/4/2014	63000	µg/L	01_091414_08	
Connie Creek	Alkalinity (As CaC03)	10/9/2014	62500	µg/L	01_101214_08	
Connie Creek	Aluminum	5/14/2014	168	µg/L	01_051114_08	
Connie Creek	Aluminum	6/22/2014	40	µg/L	01_060814_08	
Connie Creek	Aluminum	7/17/2014	49	µg/L	01_071314_08	
Connie Creek	Aluminum	8/15/2014	140	µg/L	01_081014_08	
Connie Creek	Aluminum	9/4/2014	75	µg/L	01_091414_08	
Connie Creek	Aluminum	10/9/2014	207	µg/L	01_101214_08	
Connie Creek	Bicarbonate (As CaC03)	5/14/2014	45000	µg/L	01_051114_08	
Connie Creek	Bicarbonate (As CaC03)	6/22/2014	27000	µg/L	01_060814_08	
Connie Creek	Bicarbonate (As CaC03)	7/17/2014	39000	µg/L	01_071314_08	
Connie Creek	Bicarbonate (As CaC03)	8/15/2014	67600	µg/L	01_081014_08	
Connie Creek	Bicarbonate (As CaC03)	9/4/2014	63000	µg/L	01_091414_08	
Connie Creek	Bicarbonate (As CaC03)	10/9/2014	62500	µg/L	01_101214_08	
Connie Creek	Cadmium	5/14/2014	0.7	µg/L	01_051114_08	
Connie Creek	Cadmium	6/22/2014	< 0.1	µg/L	01_060814_08	NOT DETECTED
Connie Creek	Cadmium	7/17/2014	0.1	µg/L	01_071314_08	BETWEEN MDL & PQL
Connie Creek	Cadmium	8/15/2014	0.2	µg/L	01_081014_08	BETWEEN MDL & PQL
Connie Creek	Cadmium	9/4/2014	0.1	µg/L	01_091414_08	BETWEEN MDL & PQL
Connie Creek	Cadmium	10/9/2014	0.5	µg/L	01_101214_08	
Connie Creek	Calcium	5/14/2014	29400	µg/L	01_051114_08	
Connie Creek	Calcium	6/22/2014	12900	µg/L	01_060814_08	
Connie Creek	Calcium	7/17/2014	22600	µg/L	01_071314_08	
Connie Creek	Calcium	8/15/2014	45400	µg/L	01_081014_08	
Connie Creek	Calcium	9/4/2014	42200	µg/L	01_091414_08	
Connie Creek	Calcium	10/9/2014	49900	µg/L	01_101214_08	
Connie Creek	Carbonate (AS CaCO3)	5/14/2014	< 2000	µg/L	01_051114_08	NOT DETECTED
Connie Creek	Carbonate (AS CaCO3)	6/22/2014	< 2000	µg/L	01_060814_08	NOT DETECTED
Connie Creek	Carbonate (AS CaCO3)	7/17/2014	< 2000	µg/L	01_071314_08	NOT DETECTED
Connie Creek	Carbonate (AS CaCO3)	8/15/2014	< 2000	µg/L	01_081014_08	NOT DETECTED
Connie Creek	Carbonate (AS CaCO3)	9/4/2014	< 2000	µg/L	01_091414_08	NOT DETECTED
Connie Creek	Carbonate (AS CaCO3)	10/9/2014	< 2000	µg/L	01_101214_08	NOT DETECTED

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Connie Creek	Chloride	5/14/2014	< 2500	µg/L	01_051114_08	NOT DETECTED
Connie Creek	Chloride	6/22/2014	< 1000	µg/L	01_060814_08	NOT DETECTED
Connie Creek	Chloride	7/17/2014	< 2500	µg/L	01_071314_08	NOT DETECTED
Connie Creek	Chloride	8/15/2014	< 2500	µg/L	01_081014_08	NOT DETECTED
Connie Creek	Chloride	9/4/2014	< 2500	µg/L	01_091414_08	NOT DETECTED
Connie Creek	Chloride	10/9/2014	< 2500	µg/L	01_101214_08	NOT DETECTED
Connie Creek	Conductivity, Field	5/14/2014	182.7	uS/cm	01_051114_08	
Connie Creek	Conductivity, Field	6/22/2014	89.2	uS/cm	01_060814_08	
Connie Creek	Conductivity, Field	7/17/2014	165.5	uS/cm	01_071314_08	
Connie Creek	Conductivity, Field	8/15/2014	339.1	uS/cm	01_081014_08	
Connie Creek	Conductivity, Field	9/4/2014	233.9	uS/cm	01_091414_08	
Connie Creek	Conductivity, Field	10/9/2014	265.8	uS/cm	01_101214_08	
Connie Creek	Iron	5/14/2014	4060	µg/L	01_051114_08	
Connie Creek	Iron	6/22/2014	300	µg/L	01_060814_08	
Connie Creek	Iron	7/17/2014	350	µg/L	01_071314_08	
Connie Creek	Iron	8/15/2014	3040	µg/L	01_081014_08	
Connie Creek	Iron	9/4/2014	1110	µg/L	01_091414_08	
Connie Creek	Iron	10/9/2014	4540	µg/L	01_101214_08	
Connie Creek	Lead	5/14/2014	46.2	µg/L	01_051114_08	
Connie Creek	Lead	6/22/2014	0.6	µg/L	01_060814_08	
Connie Creek	Lead	7/17/2014	0.4	µg/L	01_071314_08	BETWEEN MDL & PQL
Connie Creek	Lead	8/15/2014	0.1	µg/L	01_081014_08	BETWEEN MDL & PQL
Connie Creek	Lead	9/4/2014	0.1	µg/L	01_091414_08	BETWEEN MDL & PQL
Connie Creek	Lead	10/9/2014	2.9	µg/L	01_101214_08	
Connie Creek	Magnesium	5/14/2014	19400	µg/L	01_051114_08	
Connie Creek	Magnesium	6/22/2014	7100	µg/L	01_060814_08	
Connie Creek	Magnesium	7/17/2014	12300	µg/L	01_071314_08	
Connie Creek	Magnesium	8/15/2014	28300	µg/L	01_081014_08	
Connie Creek	Magnesium	9/4/2014	24600	µg/L	01_091414_08	
Connie Creek	Magnesium	10/9/2014	32400	µg/L	01_101214_08	
Connie Creek	pH, Field	5/14/2014	6.77	pH Units	01_051114_08	
Connie Creek	pH, Field	6/22/2014	7.47	pH Units	01_060814_08	
Connie Creek	pH, Field	7/17/2014	7.37	pH Units	01_071314_08	
Connie Creek	pH, Field	8/15/2014	7.37	pH Units	01_081014_08	
Connie Creek	pH, Field	9/4/2014	7.35	pH Units	01_091414_08	
Connie Creek	pH, Field	10/9/2014	7.24	pH Units	01_101214_08	
Connie Creek	Potassium	5/14/2014	800	µg/L	01_051114_08	BETWEEN MDL & PQL
Connie Creek	Potassium	6/22/2014	500	µg/L	01_060814_08	BETWEEN MDL & PQL
Connie Creek	Potassium	7/17/2014	500	µg/L	01_071314_08	BETWEEN MDL & PQL
Connie Creek	Potassium	8/15/2014	700	µg/L	01_081014_08	BETWEEN MDL & PQL
Connie Creek	Potassium	9/4/2014	500	µg/L	01_091414_08	BETWEEN MDL & PQL
Connie Creek	Potassium	10/9/2014	800	µg/L	01_101214_08	BETWEEN MDL & PQL

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Connie Creek	Selenium	5/14/2014	< 1	µg/L	01_051114_08	NOT DETECTED
Connie Creek	Selenium	6/22/2014	< 1	µg/L	01_060814_08	NOT DETECTED
Connie Creek	Selenium	7/17/2014	< 1	µg/L	01_071314_08	NOT DETECTED
Connie Creek	Selenium	8/15/2014	1.5	µg/L	01_081014_08	BETWEEN MDL & PQL
Connie Creek	Selenium	9/4/2014	1.0	µg/L	01_091414_08	BETWEEN MDL & PQL
Connie Creek	Selenium	10/9/2014	1.1	µg/L	01_101214_08	BETWEEN MDL & PQL
Connie Creek	Sodium	5/14/2014	5400	µg/L	01_051114_08	
Connie Creek	Sodium	6/22/2014	1800	µg/L	01_060814_08	
Connie Creek	Sodium	7/17/2014	3300	µg/L	01_071314_08	
Connie Creek	Sodium	8/15/2014	7500	µg/L	01_081014_08	
Connie Creek	Sodium	9/4/2014	6000	µg/L	01_091414_08	
Connie Creek	Sodium	10/9/2014	7200	µg/L	01_101214_08	
Connie Creek	Sulfate	5/14/2014	128000	µg/L	01_051114_08	
Connie Creek	Sulfate	6/22/2014	42900	µg/L	01_060814_08	
Connie Creek	Sulfate	7/17/2014	67000	µg/L	01_071314_08	
Connie Creek	Sulfate	8/15/2014	168000	µg/L	01_081014_08	
Connie Creek	Sulfate	9/4/2014	134000	µg/L	01_091414_08	
Connie Creek	Sulfate	10/9/2014	177000	µg/L	01_101214_08	
Connie Creek	Temperature, Field	5/14/2014	-0.1	°C	01_051114_08	
Connie Creek	Temperature, Field	6/22/2014	3.2	°C	01_060814_08	
Connie Creek	Temperature, Field	7/17/2014	4.3	°C	01_071314_08	
Connie Creek	Temperature, Field	8/15/2014	8.8	°C	01_081014_08	
Connie Creek	Temperature, Field	9/4/2014	1.9	°C	01_091414_08	
Connie Creek	Temperature, Field	10/9/2014	-0.1	°C	01_101214_08	
Connie Creek	Total Dissolved Solids	5/14/2014	240000	µg/L	01_051114_08	
Connie Creek	Total Dissolved Solids	6/22/2014	< 10000	µg/L	01_060814_08	NOT DETECTED
Connie Creek	Total Dissolved Solids	7/17/2014	160000	µg/L	01_071314_08	
Connie Creek	Total Dissolved Solids	8/15/2014	310000	µg/L	01_081014_08	
Connie Creek	Total Dissolved Solids	9/4/2014	260000	µg/L	01_091414_08	
Connie Creek	Total Dissolved Solids	10/9/2014	330000	µg/L	01_101214_08	
Connie Creek	Total Suspended Solids	5/14/2014	8000	µg/L	01_051114_08	BETWEEN MDL & PQL
Connie Creek	Total Suspended Solids	6/22/2014	< 5000	µg/L	01_060814_08	NOT DETECTED
Connie Creek	Total Suspended Solids	7/17/2014	< 5000	µg/L	01_071314_08	NOT DETECTED
Connie Creek	Total Suspended Solids	8/15/2014	5000	µg/L	01_081014_08	BETWEEN MDL & PQL
Connie Creek	Total Suspended Solids	9/4/2014	5000	µg/L	01_091414_08	BETWEEN MDL & PQL
Connie Creek	Total Suspended Solids	10/9/2014	6000	µg/L	01_101214_08	BETWEEN MDL & PQL
Connie Creek	Zinc	5/14/2014	140	µg/L	01_051114_08	
Connie Creek	Zinc	6/22/2014	17	µg/L	01_060814_08	
Connie Creek	Zinc	7/17/2014	21	µg/L	01_071314_08	
Connie Creek	Zinc	8/15/2014	89	µg/L	01_081014_08	
Connie Creek	Zinc	9/4/2014	37	µg/L	01_091414_08	
Connie Creek	Zinc	10/9/2014	148	µg/L	01_101214_08	
Dudd Creek	Alkalinity (As CaC03)	5/9/2014	67000	µg/L	01_051114_05	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Dudd Creek	Alkalinity (As CaC03)	5/22/2014	43000	µg/L	01_052514_05	
Dudd Creek	Alkalinity (As CaC03)	6/13/2014	61000	µg/L	01_060814_05	
Dudd Creek	Alkalinity (As CaC03)	6/27/2014	93000	µg/L	01_062214_05	
Dudd Creek	Alkalinity (As CaC03)	7/10/2014	114000	µg/L	01_071314_05	
Dudd Creek	Alkalinity (As CaC03)	7/24/2014	96000	µg/L	01_072714_05	
Dudd Creek	Alkalinity (As CaC03)	8/15/2014	129000	µg/L	01_081014_05	
Dudd Creek	Alkalinity (As CaC03)	8/25/2014	124000	µg/L	01_082414_05	
Dudd Creek	Alkalinity (As CaC03)	9/4/2014	117000	µg/L	01_091414_05	
Dudd Creek	Alkalinity (As CaC03)	9/11/2014	135000	µg/L	01_092814_05	
Dudd Creek	Alkalinity (As CaC03)	10/13/2014	135000	µg/L	01_101214_05	
Dudd Creek	Aluminum	5/9/2014	40	µg/L	01_051114_05	
Dudd Creek	Aluminum	5/22/2014	54	µg/L	01_052514_05	
Dudd Creek	Aluminum	6/13/2014	43	µg/L	01_060814_05	
Dudd Creek	Aluminum	6/27/2014	14	µg/L	01_062214_05	
Dudd Creek	Aluminum	7/10/2014	5	µg/L	01_071314_05	
Dudd Creek	Aluminum	7/24/2014	21	µg/L	01_072714_05	
Dudd Creek	Aluminum	8/15/2014	4	µg/L	01_081014_05	BETWEEN MDL & PQL
Dudd Creek	Aluminum	8/25/2014	7	µg/L	01_082414_05	
Dudd Creek	Aluminum	9/4/2014	7	µg/L	01_091414_05	
Dudd Creek	Aluminum	9/11/2014	8	µg/L	01_092814_05	
Dudd Creek	Aluminum	10/13/2014	22	µg/L	01_101214_05	
Dudd Creek	Bicarbonate (As CaC03)	5/9/2014	67000	µg/L	01_051114_05	
Dudd Creek	Bicarbonate (As CaC03)	5/22/2014	43000	µg/L	01_052514_05	
Dudd Creek	Bicarbonate (As CaC03)	6/13/2014	61000	µg/L	01_060814_05	
Dudd Creek	Bicarbonate (As CaC03)	6/27/2014	91000	µg/L	01_062214_05	
Dudd Creek	Bicarbonate (As CaC03)	7/10/2014	114000	µg/L	01_071314_05	
Dudd Creek	Bicarbonate (As CaC03)	7/24/2014	96000	µg/L	01_072714_05	
Dudd Creek	Bicarbonate (As CaC03)	8/15/2014	127000	µg/L	01_081014_05	
Dudd Creek	Bicarbonate (As CaC03)	8/25/2014	124000	µg/L	01_082414_05	
Dudd Creek	Bicarbonate (As CaC03)	9/4/2014	117000	µg/L	01_091414_05	
Dudd Creek	Bicarbonate (As CaC03)	9/11/2014	135000	µg/L	01_092814_05	
Dudd Creek	Bicarbonate (As CaC03)	10/13/2014	135000	µg/L	01_101214_05	
Dudd Creek	Cadmium	5/9/2014	< 0.1	µg/L	01_051114_05	NOT DETECTED
Dudd Creek	Cadmium	5/22/2014	< 0.1	µg/L	01_052514_05	NOT DETECTED
Dudd Creek	Cadmium	6/13/2014	< 0.1	µg/L	01_060814_05	NOT DETECTED
Dudd Creek	Cadmium	6/27/2014	< 0.1	µg/L	01_062214_05	NOT DETECTED
Dudd Creek	Cadmium	7/10/2014	< 0.1	µg/L	01_071314_05	NOT DETECTED
Dudd Creek	Cadmium	7/24/2014	< 0.1	µg/L	01_072714_05	NOT DETECTED
Dudd Creek	Cadmium	8/15/2014	< 0.1	µg/L	01_081014_05	NOT DETECTED
Dudd Creek	Cadmium	8/25/2014	< 0.1	µg/L	01_082414_05	NOT DETECTED
Dudd Creek	Cadmium	9/4/2014	< 0.1	µg/L	01_091414_05	NOT DETECTED
Dudd Creek	Cadmium	9/11/2014	< 0.1	µg/L	01_092814_05	NOT DETECTED
Dudd Creek	Cadmium	10/13/2014	< 0.1	µg/L	01_101214_05	NOT DETECTED

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Dudd Creek	Calcium	5/9/2014	21100	µg/L	01_051114_05	
Dudd Creek	Calcium	5/22/2014	13600	µg/L	01_052514_05	
Dudd Creek	Calcium	6/13/2014	17800	µg/L	01_060814_05	
Dudd Creek	Calcium	6/27/2014	27600	µg/L	01_062214_05	
Dudd Creek	Calcium	7/10/2014	35300	µg/L	01_071314_05	
Dudd Creek	Calcium	7/24/2014	29700	µg/L	01_072714_05	
Dudd Creek	Calcium	8/15/2014	41300	µg/L	01_081014_05	
Dudd Creek	Calcium	8/25/2014	39000	µg/L	01_082414_05	
Dudd Creek	Calcium	9/4/2014	37700	µg/L	01_091414_05	
Dudd Creek	Calcium	9/11/2014	37800	µg/L	01_092814_05	
Dudd Creek	Calcium	10/13/2014	41400	µg/L	01_101214_05	
Dudd Creek	Carbonate (AS CaCO3)	5/9/2014	< 2000	µg/L	01_051114_05	NOT DETECTED
Dudd Creek	Carbonate (AS CaCO3)	5/22/2014	< 2000	µg/L	01_052514_05	NOT DETECTED
Dudd Creek	Carbonate (AS CaCO3)	6/13/2014	< 2000	µg/L	01_060814_05	NOT DETECTED
Dudd Creek	Carbonate (AS CaCO3)	6/27/2014	< 2000	µg/L	01_062214_05	NOT DETECTED
Dudd Creek	Carbonate (AS CaCO3)	7/10/2014	< 2000	µg/L	01_071314_05	NOT DETECTED
Dudd Creek	Carbonate (AS CaCO3)	7/24/2014	< 2000	µg/L	01_072714_05	NOT DETECTED
Dudd Creek	Carbonate (AS CaCO3)	8/15/2014	< 2000	µg/L	01_081014_05	NOT DETECTED
Dudd Creek	Carbonate (AS CaCO3)	8/25/2014	< 2000	µg/L	01_082414_05	NOT DETECTED
Dudd Creek	Carbonate (AS CaCO3)	9/4/2014	< 2000	µg/L	01_091414_05	NOT DETECTED
Dudd Creek	Carbonate (AS CaCO3)	9/11/2014	< 2000	µg/L	01_092814_05	NOT DETECTED
Dudd Creek	Carbonate (AS CaCO3)	10/13/2014	< 2000	µg/L	01_101214_05	NOT DETECTED
Dudd Creek	Chloride	5/9/2014	3030	µg/L	01_051114_05	
Dudd Creek	Chloride	5/22/2014	2270	µg/L	01_052514_05	BETWEEN MDL & PQL
Dudd Creek	Chloride	6/13/2014	1580	µg/L	01_060814_05	BETWEEN MDL & PQL
Dudd Creek	Chloride	6/27/2014	2300	µg/L	01_062214_05	BETWEEN MDL & PQL
Dudd Creek	Chloride	7/10/2014	2350	µg/L	01_071314_05	BETWEEN MDL & PQL
Dudd Creek	Chloride	7/24/2014	2010	µg/L	01_072714_05	BETWEEN MDL & PQL
Dudd Creek	Chloride	8/15/2014	2640	µg/L	01_081014_05	
Dudd Creek	Chloride	8/25/2014	2810	µg/L	01_082414_05	
Dudd Creek	Chloride	9/4/2014	2940	µg/L	01_091414_05	
Dudd Creek	Chloride	9/11/2014	2830	µg/L	01_092814_05	
Dudd Creek	Chloride	10/13/2014	3310	µg/L	01_101214_05	
Dudd Creek	Conductivity, Field	5/9/2014	89.2	uS/cm	01_051114_05	
Dudd Creek	Conductivity, Field	5/22/2014	66.7	uS/cm	01_052514_05	
Dudd Creek	Conductivity, Field	6/13/2014	101.4	uS/cm	01_060814_05	
Dudd Creek	Conductivity, Field	6/27/2014	159.8	uS/cm	01_062214_05	
Dudd Creek	Conductivity, Field	7/10/2014	220.0	uS/cm	01_071314_05	
Dudd Creek	Conductivity, Field	7/24/2014	151.1	uS/cm	01_072714_05	
Dudd Creek	Conductivity, Field	8/15/2014	221.1	uS/cm	01_081014_05	
Dudd Creek	Conductivity, Field	8/25/2014	220.0	uS/cm	01_082414_05	
Dudd Creek	Conductivity, Field	9/4/2014	185.2	uS/cm	01_091414_05	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Dudd Creek	Conductivity, Field	9/11/2014	196	uS/cm	01_092814_05	
Dudd Creek	Conductivity, Field	10/13/2014	189.5	uS/cm	01_101214_05	
Dudd Creek	Iron	5/9/2014	80	µg/L	01_051114_05	
Dudd Creek	Iron	5/22/2014	190	µg/L	01_052514_05	
Dudd Creek	Iron	6/13/2014	210	µg/L	01_060814_05	
Dudd Creek	Iron	6/27/2014	< 20	µg/L	01_062214_05	NOT DETECTED
Dudd Creek	Iron	7/10/2014	< 20	µg/L	01_071314_05	NOT DETECTED
Dudd Creek	Iron	7/24/2014	50	µg/L	01_072714_05	
Dudd Creek	Iron	8/15/2014	< 20	µg/L	01_081014_05	NOT DETECTED
Dudd Creek	Iron	8/25/2014	< 20	µg/L	01_082414_05	NOT DETECTED
Dudd Creek	Iron	9/4/2014	< 20	µg/L	01_091414_05	NOT DETECTED
Dudd Creek	Iron	9/11/2014	< 20	µg/L	01_092814_05	NOT DETECTED
Dudd Creek	Iron	10/13/2014	20	µg/L	01_101214_05	BETWEEN MDL & PQL
Dudd Creek	Lead	5/9/2014	2.0	µg/L	01_051114_05	
Dudd Creek	Lead	5/22/2014	4.0	µg/L	01_052514_05	
Dudd Creek	Lead	6/13/2014	1.5	µg/L	01_060814_05	
Dudd Creek	Lead	6/27/2014	0.2	µg/L	01_062214_05	BETWEEN MDL & PQL
Dudd Creek	Lead	7/10/2014	< 0.1	µg/L	01_071314_05	NOT DETECTED
Dudd Creek	Lead	7/24/2014	0.3	µg/L	01_072714_05	BETWEEN MDL & PQL
Dudd Creek	Lead	8/15/2014	< 0.1	µg/L	01_081014_05	NOT DETECTED
Dudd Creek	Lead	8/25/2014	0.2	µg/L	01_082414_05	BETWEEN MDL & PQL
Dudd Creek	Lead	9/4/2014	0.1	µg/L	01_091414_05	BETWEEN MDL & PQL
Dudd Creek	Lead	9/11/2014	0.2	µg/L	01_092814_05	BETWEEN MDL & PQL
Dudd Creek	Lead	10/13/2014	0.7	µg/L	01_101214_05	
Dudd Creek	Magnesium	5/9/2014	8500	µg/L	01_051114_05	
Dudd Creek	Magnesium	5/22/2014	5300	µg/L	01_052514_05	
Dudd Creek	Magnesium	6/13/2014	7000	µg/L	01_060814_05	
Dudd Creek	Magnesium	6/27/2014	11000	µg/L	01_062214_05	
Dudd Creek	Magnesium	7/10/2014	13500	µg/L	01_071314_05	
Dudd Creek	Magnesium	7/24/2014	11900	µg/L	01_072714_05	
Dudd Creek	Magnesium	8/15/2014	16400	µg/L	01_081014_05	
Dudd Creek	Magnesium	8/25/2014	15700	µg/L	01_082414_05	
Dudd Creek	Magnesium	9/4/2014	15800	µg/L	01_091414_05	
Dudd Creek	Magnesium	9/11/2014	15800	µg/L	01_092814_05	
Dudd Creek	Magnesium	10/13/2014	16700	µg/L	01_101214_05	
Dudd Creek	pH, Field	5/9/2014	7.67	pH Units	01_051114_05	
Dudd Creek	pH, Field	5/22/2014	7.69	pH Units	01_052514_05	
Dudd Creek	pH, Field	6/13/2014	7.88	pH Units	01_060814_05	
Dudd Creek	pH, Field	6/27/2014	7.92	pH Units	01_062214_05	
Dudd Creek	pH, Field	7/10/2014	8.00	pH Units	01_071314_05	
Dudd Creek	pH, Field	7/24/2014	7.95	pH Units	01_072714_05	
Dudd Creek	pH, Field	8/15/2014	8.05	pH Units	01_081014_05	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Dudd Creek	pH, Field	8/25/2014	8.20	pH Units	01_082414_05	
Dudd Creek	pH, Field	9/4/2014	8.07	pH Units	01_091414_05	
Dudd Creek	pH, Field	9/11/2014	8.08	pH Units	01_092814_05	
Dudd Creek	pH, Field	10/13/2014	8.06	pH Units	01_101214_05	
Dudd Creek	Potassium	5/9/2014	600	µg/L	01_051114_05	BETWEEN MDL & PQL
Dudd Creek	Potassium	5/22/2014	800	µg/L	01_052514_05	BETWEEN MDL & PQL
Dudd Creek	Potassium	6/13/2014	500	µg/L	01_060814_05	BETWEEN MDL & PQL
Dudd Creek	Potassium	6/27/2014	500	µg/L	01_062214_05	BETWEEN MDL & PQL
Dudd Creek	Potassium	7/10/2014	500	µg/L	01_071314_05	BETWEEN MDL & PQL
Dudd Creek	Potassium	7/24/2014	400	µg/L	01_072714_05	BETWEEN MDL & PQL
Dudd Creek	Potassium	8/15/2014	400	µg/L	01_081014_05	BETWEEN MDL & PQL
Dudd Creek	Potassium	8/25/2014	400	µg/L	01_082414_05	BETWEEN MDL & PQL
Dudd Creek	Potassium	9/4/2014	400	µg/L	01_091414_05	BETWEEN MDL & PQL
Dudd Creek	Potassium	9/11/2014	400	µg/L	01_092814_05	BETWEEN MDL & PQL
Dudd Creek	Potassium	10/13/2014	500	µg/L	01_101214_05	BETWEEN MDL & PQL
Dudd Creek	Selenium	5/9/2014	< 1	µg/L	01_051114_05	NOT DETECTED
Dudd Creek	Selenium	5/22/2014	< 1	µg/L	01_052514_05	NOT DETECTED
Dudd Creek	Selenium	6/13/2014	< 1	µg/L	01_060814_05	NOT DETECTED
Dudd Creek	Selenium	6/27/2014	1.1	µg/L	01_062214_05	BETWEEN MDL & PQL
Dudd Creek	Selenium	7/10/2014	< 1	µg/L	01_071314_05	NOT DETECTED
Dudd Creek	Selenium	7/24/2014	1.8	µg/L	01_072714_05	BETWEEN MDL & PQL
Dudd Creek	Selenium	8/15/2014	3.0	µg/L	01_081014_05	BETWEEN MDL & PQL
Dudd Creek	Selenium	8/25/2014	< 1	µg/L	01_082414_05	NOT DETECTED
Dudd Creek	Selenium	9/4/2014	1.5	µg/L	01_091414_05	BETWEEN MDL & PQL
Dudd Creek	Selenium	9/11/2014	2.6	µg/L	01_092814_05	BETWEEN MDL & PQL
Dudd Creek	Selenium	10/13/2014	1.7	µg/L	01_101214_05	BETWEEN MDL & PQL
Dudd Creek	Sodium	5/9/2014	1800	µg/L	01_051114_05	
Dudd Creek	Sodium	5/22/2014	1200	µg/L	01_052514_05	
Dudd Creek	Sodium	6/13/2014	1300	µg/L	01_060814_05	
Dudd Creek	Sodium	6/27/2014	2000	µg/L	01_062214_05	
Dudd Creek	Sodium	7/10/2014	2600	µg/L	01_071314_05	
Dudd Creek	Sodium	7/24/2014	2200	µg/L	01_072714_05	
Dudd Creek	Sodium	8/15/2014	3000	µg/L	01_081014_05	
Dudd Creek	Sodium	8/25/2014	3100	µg/L	01_082414_05	
Dudd Creek	Sodium	9/4/2014	2900	µg/L	01_091414_05	
Dudd Creek	Sodium	9/11/2014	3100	µg/L	01_092814_05	
Dudd Creek	Sodium	10/13/2014	3300	µg/L	01_101214_05	
Dudd Creek	Sulfate	5/9/2014	22600	µg/L	01_051114_05	
Dudd Creek	Sulfate	5/22/2014	14200	µg/L	01_052514_05	
Dudd Creek	Sulfate	6/13/2014	16700	µg/L	01_060814_05	
Dudd Creek	Sulfate	6/27/2014	28300	µg/L	01_062214_05	
Dudd Creek	Sulfate	7/10/2014	35100	µg/L	01_071314_05	
Dudd Creek	Sulfate	7/24/2014	29800	µg/L	01_072714_05	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Dudd Creek	Sulfate	8/15/2014	39000	µg/L	01_081014_05	
Dudd Creek	Sulfate	8/25/2014	40900	µg/L	01_082414_05	
Dudd Creek	Sulfate	9/4/2014	40400	µg/L	01_091414_05	
Dudd Creek	Sulfate	9/11/2014	41300	µg/L	01_092814_05	
Dudd Creek	Sulfate	10/13/2014	46000	µg/L	01_101214_05	
Dudd Creek	Temperature, Field	5/9/2014	-0.1	°C	01_051114_05	
Dudd Creek	Temperature, Field	5/22/2014	0	°C	01_052514_05	
Dudd Creek	Temperature, Field	6/13/2014	6.8	°C	01_060814_05	
Dudd Creek	Temperature, Field	6/27/2014	8.2	°C	01_062214_05	
Dudd Creek	Temperature, Field	7/10/2014	13.1	°C	01_071314_05	
Dudd Creek	Temperature, Field	7/24/2014	4.2	°C	01_072714_05	
Dudd Creek	Temperature, Field	8/15/2014	8.3	°C	01_081014_05	
Dudd Creek	Temperature, Field	8/25/2014	8.7	°C	01_082414_05	
Dudd Creek	Temperature, Field	9/4/2014	3.9	°C	01_091414_05	
Dudd Creek	Temperature, Field	9/11/2014	5	°C	01_092814_05	
Dudd Creek	Temperature, Field	10/13/2014	0	°C	01_101214_05	
Dudd Creek	Total Dissolved Solids	5/9/2014	100000	µg/L	01_051114_05	EXCEEDED HOLD TIME
Dudd Creek	Total Dissolved Solids	5/22/2014	80000	µg/L	01_052514_05	
Dudd Creek	Total Dissolved Solids	6/13/2014	80000	µg/L	01_060814_05	
Dudd Creek	Total Dissolved Solids	6/27/2014	120000	µg/L	01_062214_05	
Dudd Creek	Total Dissolved Solids	7/10/2014	160000	µg/L	01_071314_05	
Dudd Creek	Total Dissolved Solids	7/24/2014	120000	µg/L	01_072714_05	
Dudd Creek	Total Dissolved Solids	8/15/2014	180000	µg/L	01_081014_05	
Dudd Creek	Total Dissolved Solids	8/25/2014	170000	µg/L	01_082414_05	
Dudd Creek	Total Dissolved Solids	9/4/2014	170000	µg/L	01_091414_05	
Dudd Creek	Total Dissolved Solids	9/11/2014	180000	µg/L	01_092814_05	
Dudd Creek	Total Dissolved Solids	10/13/2014	202000	µg/L	01_101214_05	
Dudd Creek	Total Suspended Solids	5/9/2014	< 5000	µg/L	01_051114_05	NOT DETECTED
Dudd Creek	Total Suspended Solids	5/22/2014	< 5000	µg/L	01_052514_05	NOT DETECTED
Dudd Creek	Total Suspended Solids	6/13/2014	< 5000	µg/L	01_060814_05	NOT DETECTED
Dudd Creek	Total Suspended Solids	6/27/2014	< 5000	µg/L	01_062214_05	NOT DETECTED
Dudd Creek	Total Suspended Solids	7/10/2014	< 5000	µg/L	01_071314_05	NOT DETECTED
Dudd Creek	Total Suspended Solids	7/24/2014	< 5000	µg/L	01_072714_05	NOT DETECTED
Dudd Creek	Total Suspended Solids	8/15/2014	< 5000	µg/L	01_081014_05	NOT DETECTED
Dudd Creek	Total Suspended Solids	8/25/2014	< 5000	µg/L	01_082414_05	NOT DETECTED
Dudd Creek	Total Suspended Solids	9/4/2014	5000	µg/L	01_091414_05	BETWEEN MDL & PQL
Dudd Creek	Total Suspended Solids	9/11/2014	< 5000	µg/L	01_092814_05	NOT DETECTED
Dudd Creek	Total Suspended Solids	10/13/2014	< 5000	µg/L	01_101214_05	NOT DETECTED
Dudd Creek	Zinc	5/9/2014	11	µg/L	01_051114_05	
Dudd Creek	Zinc	5/22/2014	16	µg/L	01_052514_05	
Dudd Creek	Zinc	6/13/2014	8	µg/L	01_060814_05	
Dudd Creek	Zinc	6/27/2014	5	µg/L	01_062214_05	
Dudd Creek	Zinc	7/10/2014	4	µg/L	01_071314_05	BETWEEN MDL & PQL

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Dudd Creek	Zinc	7/24/2014	6	µg/L	01_072714_05	
Dudd Creek	Zinc	8/15/2014	4	µg/L	01_081014_05	BETWEEN MDL & PQL
Dudd Creek	Zinc	8/25/2014	5	µg/L	01_082414_05	
Dudd Creek	Zinc	9/4/2014	5	µg/L	01_091414_05	
Dudd Creek	Zinc	9/11/2014	8	µg/L	01_092814_05	
Dudd Creek	Zinc	10/13/2014	13	µg/L	01_101214_05	
Lower Bons	Alkalinity (As CaC03)	5/9/2014	59000	µg/L	01_051114_06	
Lower Bons	Alkalinity (As CaC03)	5/22/2014	20000	µg/L	01_052514_06	
Lower Bons	Alkalinity (As CaC03)	6/13/2014	37000	µg/L	01_060814_06	
Lower Bons	Alkalinity (As CaC03)	6/27/2014	71000	µg/L	01_062214_06	
Lower Bons	Alkalinity (As CaC03)	7/14/2014	92000	µg/L	01_071314_06	
Lower Bons	Alkalinity (As CaC03)	7/24/2014	86300	µg/L	01_072714_06	
Lower Bons	Alkalinity (As CaC03)	8/15/2014	104000	µg/L	01_081014_06	
Lower Bons	Alkalinity (As CaC03)	8/25/2014	101000	µg/L	01_082414_06	
Lower Bons	Alkalinity (As CaC03)	9/4/2014	89400	µg/L	01_091414_06	
Lower Bons	Alkalinity (As CaC03)	9/11/2014	81600	µg/L	01_092814_06	
Lower Bons	Aluminum	5/9/2014	46	µg/L	01_051114_06	
Lower Bons	Aluminum	5/22/2014	167	µg/L	01_052514_06	
Lower Bons	Aluminum	6/13/2014	111	µg/L	01_060814_06	
Lower Bons	Aluminum	6/27/2014	87	µg/L	01_062214_06	
Lower Bons	Aluminum	7/14/2014	52	µg/L	01_071314_06	
Lower Bons	Aluminum	7/24/2014	69	µg/L	01_072714_06	
Lower Bons	Aluminum	8/15/2014	371	µg/L	01_081014_06	
Lower Bons	Aluminum	8/25/2014	28	µg/L	01_082414_06	
Lower Bons	Aluminum	9/4/2014	71	µg/L	01_091414_06	
Lower Bons	Aluminum	9/11/2014	35	µg/L	01_092814_06	
Lower Bons	Bicarbonate (As CaC03)	5/9/2014	59000	µg/L	01_051114_06	
Lower Bons	Bicarbonate (As CaC03)	5/22/2014	20000	µg/L	01_052514_06	
Lower Bons	Bicarbonate (As CaC03)	6/13/2014	37000	µg/L	01_060814_06	
Lower Bons	Bicarbonate (As CaC03)	6/27/2014	71000	µg/L	01_062214_06	
Lower Bons	Bicarbonate (As CaC03)	7/14/2014	92000	µg/L	01_071314_06	
Lower Bons	Bicarbonate (As CaC03)	7/24/2014	86300	µg/L	01_072714_06	
Lower Bons	Bicarbonate (As CaC03)	8/15/2014	104000	µg/L	01_081014_06	
Lower Bons	Bicarbonate (As CaC03)	8/25/2014	101000	µg/L	01_082414_06	
Lower Bons	Bicarbonate (As CaC03)	9/4/2014	89400	µg/L	01_091414_06	
Lower Bons	Bicarbonate (As CaC03)	9/11/2014	81600	µg/L	01_092814_06	
Lower Bons	Cadmium	5/9/2014	1.4	µg/L	01_051114_06	
Lower Bons	Cadmium	5/22/2014	1.0	µg/L	01_052514_06	
Lower Bons	Cadmium	6/13/2014	0.1	µg/L	01_060814_06	BETWEEN MDL & PQL
Lower Bons	Cadmium	6/27/2014	0.2	µg/L	01_062214_06	BETWEEN MDL & PQL
Lower Bons	Cadmium	7/14/2014	0.3	µg/L	01_071314_06	BETWEEN MDL & PQL
Lower Bons	Cadmium	7/24/2014	0.2	µg/L	01_072714_06	BETWEEN MDL & PQL
Lower Bons	Cadmium	8/15/2014	0.8	µg/L	01_081014_06	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Lower Bons	Cadmium	8/25/2014	0.2	µg/L	01_082414_06	BETWEEN MDL & PQL
Lower Bons	Cadmium	9/4/2014	0.1	µg/L	01_091414_06	BETWEEN MDL & PQL
Lower Bons	Cadmium	9/11/2014	0.2	µg/L	01_092814_06	BETWEEN MDL & PQL
Lower Bons	Calcium	5/9/2014	20900	µg/L	01_051114_06	
Lower Bons	Calcium	5/22/2014	9100	µg/L	01_052514_06	
Lower Bons	Calcium	6/13/2014	13400	µg/L	01_060814_06	
Lower Bons	Calcium	6/27/2014	32000	µg/L	01_062214_06	
Lower Bons	Calcium	7/14/2014	47200	µg/L	01_071314_06	
Lower Bons	Calcium	7/24/2014	34900	µg/L	01_072714_06	
Lower Bons	Calcium	8/15/2014	50100	µg/L	01_081014_06	
Lower Bons	Calcium	8/25/2014	45800	µg/L	01_082414_06	
Lower Bons	Calcium	9/4/2014	39800	µg/L	01_091414_06	
Lower Bons	Calcium	9/11/2014	40200	µg/L	01_092814_06	
Lower Bons	Carbonate (AS CaCO3)	5/9/2014	< 2000	µg/L	01_051114_06	NOT DETECTED
Lower Bons	Carbonate (AS CaCO3)	5/22/2014	< 2000	µg/L	01_052514_06	NOT DETECTED
Lower Bons	Carbonate (AS CaCO3)	6/13/2014	< 2000	µg/L	01_060814_06	NOT DETECTED
Lower Bons	Carbonate (AS CaCO3)	6/27/2014	< 2000	µg/L	01_062214_06	NOT DETECTED
Lower Bons	Carbonate (AS CaCO3)	7/14/2014	< 2000	µg/L	01_071314_06	NOT DETECTED
Lower Bons	Carbonate (AS CaCO3)	7/24/2014	< 2000	µg/L	01_072714_06	NOT DETECTED
Lower Bons	Carbonate (AS CaCO3)	8/15/2014	< 2000	µg/L	01_081014_06	NOT DETECTED
Lower Bons	Carbonate (AS CaCO3)	8/25/2014	< 2000	µg/L	01_082414_06	NOT DETECTED
Lower Bons	Carbonate (AS CaCO3)	9/4/2014	< 2000	µg/L	01_091414_06	NOT DETECTED
Lower Bons	Carbonate (AS CaCO3)	9/11/2014	< 2000	µg/L	01_092814_06	NOT DETECTED
Lower Bons	Chloride	5/9/2014	6890	µg/L	01_051114_06	
Lower Bons	Chloride	5/22/2014	2340	µg/L	01_052514_06	BETWEEN MDL & PQL
Lower Bons	Chloride	6/13/2014	1900	µg/L	01_060814_06	BETWEEN MDL & PQL
Lower Bons	Chloride	6/27/2014	2810	µg/L	01_062214_06	BETWEEN MDL & PQL
Lower Bons	Chloride	7/14/2014	4320	µg/L	01_071314_06	BETWEEN MDL & PQL
Lower Bons	Chloride	7/24/2014	5300	µg/L	01_072714_06	BETWEEN MDL & PQL
Lower Bons	Chloride	8/15/2014	3810	µg/L	01_081014_06	BETWEEN MDL & PQL
Lower Bons	Chloride	8/25/2014	5880	µg/L	01_082414_06	BETWEEN MDL & PQL
Lower Bons	Chloride	9/4/2014	6320	µg/L	01_091414_06	BETWEEN MDL & PQL
Lower Bons	Chloride	9/11/2014	5140	µg/L	01_092814_06	BETWEEN MDL & PQL
Lower Bons	Conductivity, Field	5/9/2014	93.2	uS/cm	01_051114_06	
Lower Bons	Conductivity, Field	5/22/2014	45.3	uS/cm	01_052514_06	
Lower Bons	Conductivity, Field	6/13/2014	78.4	uS/cm	01_060814_06	
Lower Bons	Conductivity, Field	6/27/2014	211.2	uS/cm	01_062214_06	
Lower Bons	Conductivity, Field	7/14/2014	301.2	uS/cm	01_071314_06	
Lower Bons	Conductivity, Field	7/24/2014	196.1	uS/cm	01_072714_06	
Lower Bons	Conductivity, Field	8/15/2014	231.4	uS/cm	01_081014_06	
Lower Bons	Conductivity, Field	8/25/2014	296.3	uS/cm	01_082414_06	
Lower Bons	Conductivity, Field	9/4/2014	215	uS/cm	01_091414_06	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Lower Bons	Conductivity, Field	9/11/2014	224.4	uS/cm	01_092814_06	
Lower Bons	Iron	5/9/2014	900	µg/L	01_051114_06	
Lower Bons	Iron	5/22/2014	720	µg/L	01_052514_06	
Lower Bons	Iron	6/13/2014	950	µg/L	01_060814_06	
Lower Bons	Iron	6/27/2014	460	µg/L	01_062214_06	
Lower Bons	Iron	7/14/2014	540	µg/L	01_071314_06	
Lower Bons	Iron	7/24/2014	310	µg/L	01_072714_06	
Lower Bons	Iron	8/15/2014	3440	µg/L	01_081014_06	
Lower Bons	Iron	8/25/2014	580	µg/L	01_082414_06	
Lower Bons	Iron	9/4/2014	580	µg/L	01_091414_06	
Lower Bons	Iron	9/11/2014	460	µg/L	01_092814_06	
Lower Bons	Lead	5/9/2014	26.0	µg/L	01_051114_06	
Lower Bons	Lead	5/22/2014	30.1	µg/L	01_052514_06	
Lower Bons	Lead	6/13/2014	3.2	µg/L	01_060814_06	
Lower Bons	Lead	6/27/2014	1.1	µg/L	01_062214_06	
Lower Bons	Lead	7/14/2014	0.8	µg/L	01_071314_06	
Lower Bons	Lead	7/24/2014	3.0	µg/L	01_072714_06	
Lower Bons	Lead	8/15/2014	20.1	µg/L	01_081014_06	
Lower Bons	Lead	8/25/2014	0.5	µg/L	01_082414_06	
Lower Bons	Lead	9/4/2014	1.2	µg/L	01_091414_06	
Lower Bons	Lead	9/11/2014	1.2	µg/L	01_092814_06	
Lower Bons	Magnesium	5/9/2014	8300	µg/L	01_051114_06	
Lower Bons	Magnesium	5/22/2014	3400	µg/L	01_052514_06	
Lower Bons	Magnesium	6/13/2014	5500	µg/L	01_060814_06	
Lower Bons	Magnesium	6/27/2014	16300	µg/L	01_062214_06	
Lower Bons	Magnesium	7/14/2014	27200	µg/L	01_071314_06	
Lower Bons	Magnesium	7/24/2014	17400	µg/L	01_072714_06	
Lower Bons	Magnesium	8/15/2014	27900	µg/L	01_081014_06	
Lower Bons	Magnesium	8/25/2014	23300	µg/L	01_082414_06	
Lower Bons	Magnesium	9/4/2014	19900	µg/L	01_091414_06	
Lower Bons	Magnesium	9/11/2014	20500	µg/L	01_092814_06	
Lower Bons	pH, Field	5/9/2014	7.33	pH Units	01_051114_06	
Lower Bons	pH, Field	5/22/2014	7.25	pH Units	01_052514_06	
Lower Bons	pH, Field	6/13/2014	7.66	pH Units	01_060814_06	
Lower Bons	pH, Field	6/27/2014	7.59	pH Units	01_062214_06	
Lower Bons	pH, Field	7/14/2014	7.48	pH Units	01_071314_06	
Lower Bons	pH, Field	7/24/2014	7.58	pH Units	01_072714_06	
Lower Bons	pH, Field	8/25/2014	7.69	pH Units	01_082414_06	
Lower Bons	pH, Field	8/15/2014	7.48	pH Units	01_081014_06	
Lower Bons	pH, Field	9/4/2014	7.03	pH Units	01_091414_06	
Lower Bons	pH, Field	9/11/2014	7.08	pH Units	01_092814_06	
Lower Bons	Potassium	5/9/2014	1300	µg/L	01_051114_06	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Lower Bons	Potassium	5/22/2014	1100	µg/L	01_052514_06	
Lower Bons	Potassium	6/13/2014	700	µg/L	01_060814_06	BETWEEN MDL & PQL
Lower Bons	Potassium	6/27/2014	600	µg/L	01_062214_06	BETWEEN MDL & PQL
Lower Bons	Potassium	7/14/2014	600	µg/L	01_071314_06	BETWEEN MDL & PQL
Lower Bons	Potassium	7/24/2014	500	µg/L	01_072714_06	BETWEEN MDL & PQL
Lower Bons	Potassium	8/15/2014	700	µg/L	01_081014_06	BETWEEN MDL & PQL
Lower Bons	Potassium	8/25/2014	600	µg/L	01_082414_06	BETWEEN MDL & PQL
Lower Bons	Potassium	9/4/2014	500	µg/L	01_091414_06	BETWEEN MDL & PQL
Lower Bons	Potassium	9/11/2014	600	µg/L	01_092814_06	BETWEEN MDL & PQL
Lower Bons	Selenium	5/9/2014	< 1	µg/L	01_051114_06	NOT DETECTED
Lower Bons	Selenium	5/22/2014	< 1	µg/L	01_052514_06	NOT DETECTED
Lower Bons	Selenium	6/13/2014	< 1	µg/L	01_060814_06	NOT DETECTED
Lower Bons	Selenium	6/27/2014	< 1	µg/L	01_062214_06	NOT DETECTED
Lower Bons	Selenium	7/14/2014	< 1	µg/L	01_071314_06	NOT DETECTED
Lower Bons	Selenium	7/24/2014	< 1	µg/L	01_072714_06	NOT DETECTED
Lower Bons	Selenium	8/15/2014	< 1	µg/L	01_081014_06	NOT DETECTED
Lower Bons	Selenium	8/25/2014	< 1	µg/L	01_082414_06	NOT DETECTED
Lower Bons	Selenium	9/4/2014	< 1	µg/L	01_091414_06	NOT DETECTED
Lower Bons	Selenium	9/11/2014	1.9	µg/L	01_092814_06	BETWEEN MDL & PQL
Lower Bons	Sodium	5/9/2014	3000	µg/L	01_051114_06	
Lower Bons	Sodium	5/22/2014	1000	µg/L	01_052514_06	
Lower Bons	Sodium	6/13/2014	1900	µg/L	01_060814_06	
Lower Bons	Sodium	6/27/2014	3200	µg/L	01_062214_06	
Lower Bons	Sodium	7/14/2014	3800	µg/L	01_071314_06	
Lower Bons	Sodium	7/24/2014	3200	µg/L	01_072714_06	
Lower Bons	Sodium	8/15/2014	4200	µg/L	01_081014_06	
Lower Bons	Sodium	8/25/2014	4400	µg/L	01_082414_06	
Lower Bons	Sodium	9/4/2014	3600	µg/L	01_091414_06	
Lower Bons	Sodium	9/11/2014	4100	µg/L	01_092814_06	
Lower Bons	Sulfate	5/9/2014	41100	µg/L	01_051114_06	
Lower Bons	Sulfate	5/22/2014	13100	µg/L	01_052514_06	
Lower Bons	Sulfate	6/13/2014	23100	µg/L	01_060814_06	
Lower Bons	Sulfate	6/27/2014	83400	µg/L	01_062214_06	
Lower Bons	Sulfate	7/14/2014	131000	µg/L	01_071314_06	
Lower Bons	Sulfate	7/24/2014	74800	µg/L	01_072714_06	
Lower Bons	Sulfate	8/15/2014	128000	µg/L	01_081014_06	
Lower Bons	Sulfate	8/25/2014	105000	µg/L	01_082414_06	
Lower Bons	Sulfate	9/4/2014	92200	µg/L	01_091414_06	
Lower Bons	Sulfate	9/11/2014	92200	µg/L	01_092814_06	
Lower Bons	Temperature, Field	5/9/2014	-0.1	°C	01_051114_06	
Lower Bons	Temperature, Field	5/22/2014	-0.1	°C	01_052514_06	
Lower Bons	Temperature, Field	6/13/2014	4.3	°C	01_060814_06	
Lower Bons	Temperature, Field	6/27/2014	7.2	°C	01_062214_06	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Lower Bons	Temperature, Field	7/14/2014	6.2	°C	01_071314_06	
Lower Bons	Temperature, Field	7/24/2014	3.1	°C	01_072714_06	
Lower Bons	Temperature, Field	8/25/2014	8.0	°C	01_082414_06	
Lower Bons	Temperature, Field	8/15/2014	8.3	°C	01_081014_06	
Lower Bons	Temperature, Field	9/4/2014	2.7	°C	01_091414_06	
Lower Bons	Temperature, Field	9/11/2014	4.1	°C	01_092814_06	
Lower Bons	Total Dissolved Solids	5/9/2014	140000	µg/L	01_051114_06	
Lower Bons	Total Dissolved Solids	5/22/2014	70000	µg/L	01_052514_06	
Lower Bons	Total Dissolved Solids	6/13/2014	70000	µg/L	01_060814_06	
Lower Bons	Total Dissolved Solids	6/27/2014	190000	µg/L	01_062214_06	
Lower Bons	Total Dissolved Solids	7/14/2014	300000	µg/L	01_071314_06	
Lower Bons	Total Dissolved Solids	7/24/2014	180000	µg/L	01_072714_06	
Lower Bons	Total Dissolved Solids	8/15/2014	310000	µg/L	01_081014_06	
Lower Bons	Total Dissolved Solids	8/25/2014	280000	µg/L	01_082414_06	
Lower Bons	Total Dissolved Solids	9/4/2014	220000	µg/L	01_091414_06	
Lower Bons	Total Dissolved Solids	9/11/2014	230000	µg/L	01_092814_06	
Lower Bons	Total Suspended Solids	5/9/2014	< 5000	µg/L	01_051114_06	NOT DETECTED
Lower Bons	Total Suspended Solids	5/22/2014	< 5000	µg/L	01_052514_06	NOT DETECTED
Lower Bons	Total Suspended Solids	6/13/2014	< 5000	µg/L	01_060814_06	NOT DETECTED
Lower Bons	Total Suspended Solids	6/27/2014	7000	µg/L	01_062214_06	BETWEEN MDL & PQL
Lower Bons	Total Suspended Solids	7/14/2014	< 5000	µg/L	01_071314_06	NOT DETECTED
Lower Bons	Total Suspended Solids	7/24/2014	< 5000	µg/L	01_072714_06	NOT DETECTED
Lower Bons	Total Suspended Solids	8/15/2014	30000	µg/L	01_081014_06	
Lower Bons	Total Suspended Solids	8/25/2014	7000	µg/L	01_082414_06	BETWEEN MDL & PQL
Lower Bons	Total Suspended Solids	9/4/2014	< 5000	µg/L	01_091414_06	NOT DETECTED
Lower Bons	Total Suspended Solids	9/11/2014	6000	µg/L	01_092814_06	BETWEEN MDL & PQL
Lower Bons	Zinc	5/9/2014	210	µg/L	01_051114_06	
Lower Bons	Zinc	5/22/2014	159	µg/L	01_052514_06	
Lower Bons	Zinc	6/13/2014	45	µg/L	01_060814_06	
Lower Bons	Zinc	6/27/2014	113	µg/L	01_062214_06	
Lower Bons	Zinc	7/14/2014	208	µg/L	01_071314_06	
Lower Bons	Zinc	7/24/2014	98	µg/L	01_072714_06	
Lower Bons	Zinc	8/15/2014	232	µg/L	01_081014_06	
Lower Bons	Zinc	8/25/2014	83	µg/L	01_082414_06	
Lower Bons	Zinc	9/4/2014	70	µg/L	01_091414_06	
Lower Bons	Zinc	9/11/2014	78	µg/L	01_092814_06	
Rachel Creek	Alkalinity (As CaC03)	5/14/2014	3000	µg/L	01_051114_09	BETWEEN MDL & PQL
Rachel Creek	Alkalinity (As CaC03)	6/22/2014	3000	µg/L	01_060814_09	BETWEEN MDL & PQL
Rachel Creek	Alkalinity (As CaC03)	7/17/2014	6000	µg/L	01_071314_09	BETWEEN MDL & PQL
Rachel Creek	Alkalinity (As CaC03)	8/15/2014	15400	µg/L	01_081014_09	BETWEEN MDL & PQL
Rachel Creek	Alkalinity (As CaC03)	9/4/2014	11700	µg/L	01_091414_09	BETWEEN MDL & PQL
Rachel Creek	Alkalinity (As CaC03)	10/9/2014	25900	µg/L	01_101214_09	
Rachel Creek	Aluminum	5/14/2014	223	µg/L	01_051114_09	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Rachel Creek	Aluminum	6/22/2014	564	µg/L	01_060814_09	
Rachel Creek	Aluminum	7/17/2014	517	µg/L	01_071314_09	
Rachel Creek	Aluminum	8/15/2014	342	µg/L	01_081014_09	
Rachel Creek	Aluminum	9/4/2014	960	µg/L	01_091414_09	
Rachel Creek	Aluminum	10/9/2014	437	µg/L	01_101214_09	
Rachel Creek	Bicarbonate (As CaC03)	5/14/2014	3000	µg/L	01_051114_09	BETWEEN MDL & PQL
Rachel Creek	Bicarbonate (As CaC03)	6/22/2014	3000	µg/L	01_060814_09	BETWEEN MDL & PQL
Rachel Creek	Bicarbonate (As CaC03)	7/17/2014	6000	µg/L	01_071314_09	BETWEEN MDL & PQL
Rachel Creek	Bicarbonate (As CaC03)	8/15/2014	15400	µg/L	01_081014_09	BETWEEN MDL & PQL
Rachel Creek	Bicarbonate (As CaC03)	9/4/2014	11700	µg/L	01_091414_09	BETWEEN MDL & PQL
Rachel Creek	Bicarbonate (As CaC03)	10/9/2014	25900	µg/L	01_101214_09	
Rachel Creek	Cadmium	5/14/2014	2.3	µg/L	01_051114_09	
Rachel Creek	Cadmium	6/22/2014	1.6	µg/L	01_060814_09	
Rachel Creek	Cadmium	7/17/2014	1.6	µg/L	01_071314_09	
Rachel Creek	Cadmium	8/15/2014	1.0	µg/L	01_081014_09	
Rachel Creek	Cadmium	9/4/2014	1.8	µg/L	01_091414_09	
Rachel Creek	Cadmium	10/9/2014	0.9	µg/L	01_101214_09	
Rachel Creek	Calcium	5/14/2014	13000	µg/L	01_051114_09	
Rachel Creek	Calcium	6/22/2014	21500	µg/L	01_060814_09	
Rachel Creek	Calcium	7/17/2014	29600	µg/L	01_071314_09	
Rachel Creek	Calcium	8/15/2014	54700	µg/L	01_081014_09	
Rachel Creek	Calcium	9/4/2014	53900	µg/L	01_091414_09	
Rachel Creek	Calcium	10/9/2014	43900	µg/L	01_101214_09	
Rachel Creek	Carbonate (AS CaCO3)	5/14/2014	< 2000	µg/L	01_051114_09	NOT DETECTED
Rachel Creek	Carbonate (AS CaCO3)	6/22/2014	< 2000	µg/L	01_060814_09	NOT DETECTED
Rachel Creek	Carbonate (AS CaCO3)	7/17/2014	< 2000	µg/L	01_071314_09	NOT DETECTED
Rachel Creek	Carbonate (AS CaCO3)	8/15/2014	< 2000	µg/L	01_081014_09	NOT DETECTED
Rachel Creek	Carbonate (AS CaCO3)	9/4/2014	< 2000	µg/L	01_091414_09	NOT DETECTED
Rachel Creek	Carbonate (AS CaCO3)	10/9/2014	< 2000	µg/L	01_101214_09	NOT DETECTED
Rachel Creek	Chloride	5/14/2014	< 1000	µg/L	01_051114_09	NOT DETECTED
Rachel Creek	Chloride	6/22/2014	< 2500	µg/L	01_060814_09	NOT DETECTED
Rachel Creek	Chloride	7/17/2014	< 2500	µg/L	01_071314_09	NOT DETECTED
Rachel Creek	Chloride	8/15/2014	< 2500	µg/L	01_081014_09	NOT DETECTED
Rachel Creek	Chloride	9/4/2014	< 2500	µg/L	01_091414_09	NOT DETECTED
Rachel Creek	Chloride	10/9/2014	< 2500	µg/L	01_101214_09	NOT DETECTED
Rachel Creek	Conductivity, Field	5/14/2014	77.7	uS/cm	01_051114_09	
Rachel Creek	Conductivity, Field	6/22/2014	178.2	uS/cm	01_060814_09	
Rachel Creek	Conductivity, Field	7/17/2014	220.8	uS/cm	01_071314_09	
Rachel Creek	Conductivity, Field	8/15/2014	419.4	uS/cm	01_081014_09	
Rachel Creek	Conductivity, Field	9/4/2014	306	uS/cm	01_091414_09	
Rachel Creek	Conductivity, Field	10/9/2014	232.7	uS/cm	01_101214_09	
Rachel Creek	Iron	5/14/2014	270	µg/L	01_051114_09	
Rachel Creek	Iron	6/22/2014	710	µg/L	01_060814_09	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Rachel Creek	Iron	7/17/2014	350	µg/L	01_071314_09	
Rachel Creek	Iron	8/15/2014	800	µg/L	01_081014_09	
Rachel Creek	Iron	9/4/2014	640	µg/L	01_091414_09	
Rachel Creek	Iron	10/9/2014	560	µg/L	01_101214_09	
Rachel Creek	Lead	5/14/2014	92.1	µg/L	01_051114_09	
Rachel Creek	Lead	6/22/2014	6.7	µg/L	01_060814_09	
Rachel Creek	Lead	7/17/2014	16.1	µg/L	01_071314_09	
Rachel Creek	Lead	8/15/2014	0.4	µg/L	01_081014_09	BETWEEN MDL & PQL
Rachel Creek	Lead	9/4/2014	0.2	µg/L	01_091414_09	BETWEEN MDL & PQL
Rachel Creek	Lead	10/9/2014	0.4	µg/L	01_101214_09	BETWEEN MDL & PQL
Rachel Creek	Magnesium	5/14/2014	7200	µg/L	01_051114_09	
Rachel Creek	Magnesium	6/22/2014	14200	µg/L	01_060814_09	
Rachel Creek	Magnesium	7/17/2014	21100	µg/L	01_071314_09	
Rachel Creek	Magnesium	8/15/2014	38000	µg/L	01_081014_09	
Rachel Creek	Magnesium	9/4/2014	36800	µg/L	01_091414_09	
Rachel Creek	Magnesium	10/9/2014	26400	µg/L	01_101214_09	
Rachel Creek	pH, Field	5/14/2014	6.81	pH Units	01_051114_09	
Rachel Creek	pH, Field	6/22/2014	7.16	pH Units	01_060814_09	
Rachel Creek	pH, Field	7/17/2014	6.96	pH Units	01_071314_09	
Rachel Creek	pH, Field	8/15/2014	4.31	pH Units	01_081014_09	
Rachel Creek	pH, Field	9/4/2014	7.08	pH Units	01_091414_09	
Rachel Creek	pH, Field	10/9/2014	7.12	pH Units	01_101214_09	
Rachel Creek	Potassium	5/14/2014	700	µg/L	01_051114_09	BETWEEN MDL & PQL
Rachel Creek	Potassium	6/22/2014	500	µg/L	01_060814_09	BETWEEN MDL & PQL
Rachel Creek	Potassium	7/17/2014	500	µg/L	01_071314_09	BETWEEN MDL & PQL
Rachel Creek	Potassium	8/15/2014	600	µg/L	01_081014_09	BETWEEN MDL & PQL
Rachel Creek	Potassium	9/4/2014	500	µg/L	01_091414_09	BETWEEN MDL & PQL
Rachel Creek	Potassium	10/9/2014	700	µg/L	01_101214_09	BETWEEN MDL & PQL
Rachel Creek	Selenium	5/14/2014	< 1	µg/L	01_051114_09	NOT DETECTED
Rachel Creek	Selenium	6/22/2014	< 1	µg/L	01_060814_09	NOT DETECTED
Rachel Creek	Selenium	7/17/2014	1.3	µg/L	01_071314_09	BETWEEN MDL & PQL
Rachel Creek	Selenium	8/15/2014	2.8	µg/L	01_081014_09	BETWEEN MDL & PQL
Rachel Creek	Selenium	9/4/2014	2.7	µg/L	01_091414_09	BETWEEN MDL & PQL
Rachel Creek	Selenium	10/9/2014	2.7	µg/L	01_101214_09	BETWEEN MDL & PQL
Rachel Creek	Sodium	5/14/2014	1400	µg/L	01_051114_09	
Rachel Creek	Sodium	6/22/2014	1800	µg/L	01_060814_09	
Rachel Creek	Sodium	7/17/2014	2500	µg/L	01_071314_09	
Rachel Creek	Sodium	8/15/2014	5000	µg/L	01_081014_09	
Rachel Creek	Sodium	9/4/2014	4000	µg/L	01_091414_09	
Rachel Creek	Sodium	10/9/2014	4100	µg/L	01_101214_09	
Rachel Creek	Sulfate	5/14/2014	62000	µg/L	01_051114_09	
Rachel Creek	Sulfate	6/22/2014	119000	µg/L	01_060814_09	
Rachel Creek	Sulfate	7/17/2014	138000	µg/L	01_071314_09	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Rachel Creek	Sulfate	8/15/2014	264000	µg/L	01_081014_09	
Rachel Creek	Sulfate	9/4/2014	252000	µg/L	01_091414_09	
Rachel Creek	Sulfate	10/9/2014	173000	µg/L	01_101214_09	
Rachel Creek	Temperature, Field	5/14/2014	-0.1	°C	01_051114_09	
Rachel Creek	Temperature, Field	6/22/2014	5.5	°C	01_060814_09	
Rachel Creek	Temperature, Field	7/17/2014	4.1	°C	01_071314_09	
Rachel Creek	Temperature, Field	8/15/2014	10.3	°C	01_081014_09	
Rachel Creek	Temperature, Field	9/4/2014	1.0	°C	01_091414_09	
Rachel Creek	Temperature, Field	10/9/2014	0	°C	01_101214_09	
Rachel Creek	Total Dissolved Solids	5/14/2014	120000	µg/L	01_051114_09	
Rachel Creek	Total Dissolved Solids	6/22/2014	180000	µg/L	01_060814_09	
Rachel Creek	Total Dissolved Solids	7/17/2014	260000	µg/L	01_071314_09	
Rachel Creek	Total Dissolved Solids	8/15/2014	420000	µg/L	01_081014_09	
Rachel Creek	Total Dissolved Solids	9/4/2014	390000	µg/L	01_091414_09	
Rachel Creek	Total Dissolved Solids	10/9/2014	300000	µg/L	01_101214_09	
Rachel Creek	Total Suspended Solids	5/14/2014	< 5000	µg/L	01_051114_09	NOT DETECTED
Rachel Creek	Total Suspended Solids	6/22/2014	8000	µg/L	01_060814_09	BETWEEN MDL & PQL
Rachel Creek	Total Suspended Solids	7/17/2014	< 5000	µg/L	01_071314_09	NOT DETECTED
Rachel Creek	Total Suspended Solids	8/15/2014	< 5000	µg/L	01_081014_09	NOT DETECTED
Rachel Creek	Total Suspended Solids	9/4/2014	8000	µg/L	01_091414_09	BETWEEN MDL & PQL
Rachel Creek	Total Suspended Solids	10/9/2014	< 5000	µg/L	01_101214_09	NOT DETECTED
Rachel Creek	Zinc	5/14/2014	227	µg/L	01_051114_09	
Rachel Creek	Zinc	6/22/2014	287	µg/L	01_060814_09	
Rachel Creek	Zinc	7/17/2014	304	µg/L	01_071314_09	
Rachel Creek	Zinc	8/15/2014	271	µg/L	01_081014_09	
Rachel Creek	Zinc	9/4/2014	363	µg/L	01_091414_09	
Rachel Creek	Zinc	10/9/2014	220	µg/L	01_101214_09	
Shelly Creek	Alkalinity (As CaC03)	5/14/2014	14000	µg/L	01_051114_10	BETWEEN MDL & PQL
Shelly Creek	Alkalinity (As CaC03)	6/22/2014	34000	µg/L	01_060814_10	
Shelly Creek	Alkalinity (As CaC03)	7/17/2014	46000	µg/L	01_071314_10	
Shelly Creek	Alkalinity (As CaC03)	8/15/2014	51600	µg/L	01_081014_10	
Shelly Creek	Alkalinity (As CaC03)	9/4/2014	64900	µg/L	01_091414_10	
Shelly Creek	Alkalinity (As CaC03)	10/9/2014	54600	µg/L	01_101214_10	
Shelly Creek	Aluminum	5/14/2014	53	µg/L	01_051114_10	
Shelly Creek	Aluminum	6/22/2014	42	µg/L	01_060814_10	
Shelly Creek	Aluminum	7/17/2014	38	µg/L	01_071314_10	
Shelly Creek	Aluminum	8/15/2014	37	µg/L	01_081014_10	
Shelly Creek	Aluminum	9/4/2014	27	µg/L	01_091414_10	
Shelly Creek	Aluminum	10/9/2014	52	µg/L	01_101214_10	
Shelly Creek	Bicarbonate (As CaC03)	5/14/2014	14000	µg/L	01_051114_10	BETWEEN MDL & PQL
Shelly Creek	Bicarbonate (As CaC03)	6/22/2014	34000	µg/L	01_060814_10	
Shelly Creek	Bicarbonate (As CaC03)	7/17/2014	46000	µg/L	01_071314_10	
Shelly Creek	Bicarbonate (As CaC03)	8/15/2014	51600	µg/L	01_081014_10	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Shelly Creek	Bicarbonate (As CaC03)	9/4/2014	64900	µg/L	01_091414_10	
Shelly Creek	Bicarbonate (As CaC03)	10/9/2014	54600	µg/L	01_101214_10	
Shelly Creek	Cadmium	5/14/2014	0.8	µg/L	01_051114_10	
Shelly Creek	Cadmium	6/22/2014	0.3	µg/L	01_060814_10	BETWEEN MDL & PQL
Shelly Creek	Cadmium	7/17/2014	0.2	µg/L	01_071314_10	BETWEEN MDL & PQL
Shelly Creek	Cadmium	8/15/2014	1.0	µg/L	01_081014_10	
Shelly Creek	Cadmium	9/4/2014	0.5	µg/L	01_091414_10	
Shelly Creek	Cadmium	10/9/2014	1.3	µg/L	01_101214_10	
Shelly Creek	Calcium	5/14/2014	5300	µg/L	01_051114_10	
Shelly Creek	Calcium	6/22/2014	9700	µg/L	01_060814_10	
Shelly Creek	Calcium	7/17/2014	14500	µg/L	01_071314_10	
Shelly Creek	Calcium	8/15/2014	20000	µg/L	01_081014_10	
Shelly Creek	Calcium	9/4/2014	22700	µg/L	01_091414_10	
Shelly Creek	Calcium	10/9/2014	22000	µg/L	01_101214_10	
Shelly Creek	Carbonate (AS CaCO3)	5/14/2014	< 2000	µg/L	01_051114_10	NOT DETECTED
Shelly Creek	Carbonate (AS CaCO3)	6/22/2014	< 2000	µg/L	01_060814_10	NOT DETECTED
Shelly Creek	Carbonate (AS CaCO3)	7/17/2014	< 2000	µg/L	01_071314_10	NOT DETECTED
Shelly Creek	Carbonate (AS CaCO3)	8/15/2014	< 2000	µg/L	01_081014_10	NOT DETECTED
Shelly Creek	Carbonate (AS CaCO3)	9/4/2014	< 2000	µg/L	01_091414_10	NOT DETECTED
Shelly Creek	Carbonate (AS CaCO3)	10/9/2014	< 2000	µg/L	01_101214_10	NOT DETECTED
Shelly Creek	Chloride	5/14/2014	680	µg/L	01_051114_10	BETWEEN MDL & PQL
Shelly Creek	Chloride	6/22/2014	590	µg/L	01_060814_10	BETWEEN MDL & PQL
Shelly Creek	Chloride	7/17/2014	< 500	µg/L	01_071314_10	NOT DETECTED
Shelly Creek	Chloride	8/15/2014	< 500	µg/L	01_081014_10	NOT DETECTED
Shelly Creek	Chloride	9/4/2014	< 500	µg/L	01_091414_10	NOT DETECTED
Shelly Creek	Chloride	10/9/2014	660	µg/L	01_101214_10	BETWEEN MDL & PQL
Shelly Creek	Conductivity, Field	5/14/2014	29.7	uS/cm	01_051114_10	
Shelly Creek	Conductivity, Field	6/22/2014	60.1	uS/cm	01_060814_10	
Shelly Creek	Conductivity, Field	7/17/2014	86.7	uS/cm	01_071314_10	
Shelly Creek	Conductivity, Field	8/15/2014	133.6	uS/cm	01_081014_10	
Shelly Creek	Conductivity, Field	9/4/2014	92.1	uS/cm	01_091414_10	
Shelly Creek	Conductivity, Field	10/9/2014	112.2	uS/cm	01_101214_10	
Shelly Creek	Iron	5/14/2014	80	µg/L	01_051114_10	
Shelly Creek	Iron	6/22/2014	90	µg/L	01_060814_10	
Shelly Creek	Iron	7/17/2014	70	µg/L	01_071314_10	
Shelly Creek	Iron	8/15/2014	200	µg/L	01_081014_10	
Shelly Creek	Iron	9/4/2014	110	µg/L	01_091414_10	
Shelly Creek	Iron	10/9/2014	210	µg/L	01_101214_10	
Shelly Creek	Lead	5/14/2014	20.9	µg/L	01_051114_10	
Shelly Creek	Lead	6/22/2014	1.4	µg/L	01_060814_10	
Shelly Creek	Lead	7/17/2014	1.3	µg/L	01_071314_10	
Shelly Creek	Lead	8/15/2014	1.1	µg/L	01_081014_10	
Shelly Creek	Lead	9/4/2014	0.6	µg/L	01_091414_10	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Shelly Creek	Lead	10/9/2014	1.1	µg/L	01_101214_10	
Shelly Creek	Magnesium	5/14/2014	2600	µg/L	01_051114_10	
Shelly Creek	Magnesium	6/22/2014	4800	µg/L	01_060814_10	
Shelly Creek	Magnesium	7/17/2014	7300	µg/L	01_071314_10	
Shelly Creek	Magnesium	8/15/2014	9800	µg/L	01_081014_10	
Shelly Creek	Magnesium	9/4/2014	12000	µg/L	01_091414_10	
Shelly Creek	Magnesium	10/9/2014	11000	µg/L	01_101214_10	
Shelly Creek	pH, Field	5/14/2014	7.27	pH Units	01_051114_10	
Shelly Creek	pH, Field	6/22/2014	7.47	pH Units	01_060814_10	
Shelly Creek	pH, Field	7/17/2014	7.47	pH Units	01_071314_10	
Shelly Creek	pH, Field	8/15/2014	7.73	pH Units	01_081014_10	
Shelly Creek	pH, Field	9/4/2014	7.56	pH Units	01_091414_10	
Shelly Creek	pH, Field	10/9/2014	7.44	pH Units	01_101214_10	
Shelly Creek	Potassium	5/14/2014	700	µg/L	01_051114_10	BETWEEN MDL & PQL
Shelly Creek	Potassium	6/22/2014	400	µg/L	01_060814_10	BETWEEN MDL & PQL
Shelly Creek	Potassium	7/17/2014	400	µg/L	01_071314_10	BETWEEN MDL & PQL
Shelly Creek	Potassium	8/15/2014	400	µg/L	01_081014_10	BETWEEN MDL & PQL
Shelly Creek	Potassium	9/4/2014	300	µg/L	01_091414_10	BETWEEN MDL & PQL
Shelly Creek	Potassium	10/9/2014	500	µg/L	01_101214_10	BETWEEN MDL & PQL
Shelly Creek	Selenium	5/14/2014	< 1	µg/L	01_051114_10	NOT DETECTED
Shelly Creek	Selenium	6/22/2014	< 1	µg/L	01_060814_10	NOT DETECTED
Shelly Creek	Selenium	7/17/2014	< 1	µg/L	01_071314_10	NOT DETECTED
Shelly Creek	Selenium	8/15/2014	1.8	µg/L	01_081014_10	BETWEEN MDL & PQL
Shelly Creek	Selenium	9/4/2014	< 1	µg/L	01_091414_10	NOT DETECTED
Shelly Creek	Selenium	10/9/2014	< 1	µg/L	01_101214_10	NOT DETECTED
Shelly Creek	Sodium	5/14/2014	1200	µg/L	01_051114_10	
Shelly Creek	Sodium	6/22/2014	1400	µg/L	01_060814_10	
Shelly Creek	Sodium	7/17/2014	2400	µg/L	01_071314_10	
Shelly Creek	Sodium	8/15/2014	3800	µg/L	01_081014_10	
Shelly Creek	Sodium	9/4/2014	2900	µg/L	01_091414_10	
Shelly Creek	Sodium	10/9/2014	3700	µg/L	01_101214_10	
Shelly Creek	Sulfate	5/14/2014	11200	µg/L	01_051114_10	
Shelly Creek	Sulfate	6/22/2014	16100	µg/L	01_060814_10	
Shelly Creek	Sulfate	7/17/2014	22600	µg/L	01_071314_10	
Shelly Creek	Sulfate	8/15/2014	43900	µg/L	01_081014_10	
Shelly Creek	Sulfate	9/4/2014	40000	µg/L	01_091414_10	
Shelly Creek	Sulfate	10/9/2014	46100	µg/L	01_101214_10	
Shelly Creek	Temperature, Field	5/14/2014	-0.1	°C	01_051114_10	
Shelly Creek	Temperature, Field	6/22/2014	4.8	°C	01_060814_10	
Shelly Creek	Temperature, Field	7/17/2014	4.5	°C	01_071314_10	
Shelly Creek	Temperature, Field	8/15/2014	8.4	°C	01_081014_10	
Shelly Creek	Temperature, Field	9/4/2014	1.0	°C	01_091414_10	
Shelly Creek	Temperature, Field	10/9/2014	0	°C	01_101214_10	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Shelly Creek	Total Dissolved Solids	5/14/2014	50000	µg/L	01_051114_10	
Shelly Creek	Total Dissolved Solids	6/22/2014	50000	µg/L	01_060814_10	
Shelly Creek	Total Dissolved Solids	7/17/2014	80000	µg/L	01_071314_10	
Shelly Creek	Total Dissolved Solids	8/15/2014	110000	µg/L	01_081014_10	
Shelly Creek	Total Dissolved Solids	9/4/2014	120000	µg/L	01_091414_10	
Shelly Creek	Total Dissolved Solids	10/9/2014	120000	µg/L	01_101214_10	
Shelly Creek	Total Suspended Solids	5/14/2014	< 5000	µg/L	01_051114_10	NOT DETECTED
Shelly Creek	Total Suspended Solids	6/22/2014	< 5000	µg/L	01_060814_10	NOT DETECTED
Shelly Creek	Total Suspended Solids	7/17/2014	5000	µg/L	01_071314_10	BETWEEN MDL & PQL
Shelly Creek	Total Suspended Solids	8/15/2014	< 5000	µg/L	01_081014_10	NOT DETECTED
Shelly Creek	Total Suspended Solids	9/4/2014	< 5000	µg/L	01_091414_10	NOT DETECTED
Shelly Creek	Total Suspended Solids	10/9/2014	< 5000	µg/L	01_101214_10	NOT DETECTED
Shelly Creek	Zinc	5/14/2014	75	µg/L	01_051114_10	
Shelly Creek	Zinc	6/22/2014	39	µg/L	01_060814_10	
Shelly Creek	Zinc	7/17/2014	29	µg/L	01_071314_10	
Shelly Creek	Zinc	8/15/2014	129	µg/L	01_081014_10	
Shelly Creek	Zinc	9/4/2014	56	µg/L	01_091414_10	
Shelly Creek	Zinc	10/9/2014	137	µg/L	01_101214_10	
Station 145	Alkalinity (As CaC03)	5/14/2014	18000	µg/L	01_051114_11	BETWEEN MDL & PQL
Station 145	Alkalinity (As CaC03)	6/22/2014	25000	µg/L	01_060814_11	
Station 145	Alkalinity (As CaC03)	7/17/2014	40000	µg/L	01_071314_11	
Station 145	Alkalinity (As CaC03)	8/15/2014	66800	µg/L	01_081014_11	
Station 145	Alkalinity (As CaC03)	9/4/2014	58800	µg/L	01_091414_11	
Station 145	Alkalinity (As CaC03)	10/9/2014	72100	µg/L	01_101214_11	
Station 145	Aluminum	5/14/2014	58	µg/L	01_051114_11	
Station 145	Aluminum	6/22/2014	80	µg/L	01_060814_11	
Station 145	Aluminum	7/17/2014	192	µg/L	01_071314_11	
Station 145	Aluminum	8/15/2014	22	µg/L	01_081014_11	
Station 145	Aluminum	9/4/2014	190	µg/L	01_091414_11	
Station 145	Aluminum	10/9/2014	53	µg/L	01_101214_11	
Station 145	Bicarbonate (As CaC03)	5/14/2014	18000	µg/L	01_051114_11	BETWEEN MDL & PQL
Station 145	Bicarbonate (As CaC03)	6/22/2014	25000	µg/L	01_060814_11	
Station 145	Bicarbonate (As CaC03)	7/17/2014	40000	µg/L	01_071314_11	
Station 145	Bicarbonate (As CaC03)	8/15/2014	66800	µg/L	01_081014_11	
Station 145	Bicarbonate (As CaC03)	9/4/2014	58800	µg/L	01_091414_11	
Station 145	Bicarbonate (As CaC03)	10/9/2014	72100	µg/L	01_101214_11	
Station 145	Cadmium	5/14/2014	3.5	µg/L	01_051114_11	
Station 145	Cadmium	6/22/2014	7.2	µg/L	01_060814_11	
Station 145	Cadmium	7/17/2014	7.7	µg/L	01_071314_11	
Station 145	Cadmium	8/15/2014	9.9	µg/L	01_081014_11	
Station 145	Cadmium	9/4/2014	17.3	µg/L	01_091414_11	
Station 145	Cadmium	10/9/2014	12.7	µg/L	01_101214_11	
Station 145	Calcium	5/14/2014	18700	µg/L	01_051114_11	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Station 145	Calcium	6/22/2014	26300	µg/L	01_060814_11	
Station 145	Calcium	7/17/2014	40000	µg/L	01_071314_11	
Station 145	Calcium	8/15/2014	66000	µg/L	01_081014_11	
Station 145	Calcium	9/4/2014	67600	µg/L	01_091414_11	
Station 145	Calcium	10/9/2014	62600	µg/L	01_101214_11	
Station 145	Carbonate (AS CaCO3)	5/14/2014	< 2000	µg/L	01_051114_11	NOT DETECTED
Station 145	Carbonate (AS CaCO3)	6/22/2014	< 2000	µg/L	01_060814_11	NOT DETECTED
Station 145	Carbonate (AS CaCO3)	7/17/2014	< 2000	µg/L	01_071314_11	NOT DETECTED
Station 145	Carbonate (AS CaCO3)	8/15/2014	< 2000	µg/L	01_081014_11	NOT DETECTED
Station 145	Carbonate (AS CaCO3)	9/4/2014	< 2000	µg/L	01_091414_11	NOT DETECTED
Station 145	Carbonate (AS CaCO3)	10/9/2014	< 2000	µg/L	01_101214_11	NOT DETECTED
Station 145	Chloride	5/14/2014	840	µg/L	01_051114_11	BETWEEN MDL & PQL
Station 145	Chloride	6/22/2014	< 2500	µg/L	01_060814_11	NOT DETECTED
Station 145	Chloride	7/17/2014	< 2500	µg/L	01_071314_11	NOT DETECTED
Station 145	Chloride	8/15/2014	< 2500	µg/L	01_081014_11	NOT DETECTED
Station 145	Chloride	9/4/2014	< 2500	µg/L	01_091414_11	NOT DETECTED
Station 145	Chloride	10/9/2014	< 2500	µg/L	01_101214_11	NOT DETECTED
Station 145	Conductivity, Field	5/14/2014	3.4	uS/cm	01_051114_11	
Station 145	Conductivity, Field	6/22/2014	173.6	uS/cm	01_060814_11	
Station 145	Conductivity, Field	7/17/2014	246.9	uS/cm	01_071314_11	
Station 145	Conductivity, Field	8/15/2014	427.5	uS/cm	01_081014_11	
Station 145	Conductivity, Field	9/4/2014	342.1	uS/cm	01_091414_11	
Station 145	Conductivity, Field	10/9/2014	295.3	uS/cm	01_101214_11	
Station 145	Iron	5/14/2014	50	µg/L	01_051114_11	
Station 145	Iron	6/22/2014	20	µg/L	01_060814_11	BETWEEN MDL & PQL
Station 145	Iron	7/17/2014	20	µg/L	01_071314_11	BETWEEN MDL & PQL
Station 145	Iron	8/15/2014	< 20	µg/L	01_081014_11	NOT DETECTED
Station 145	Iron	9/4/2014	< 20	µg/L	01_091414_11	NOT DETECTED
Station 145	Iron	10/9/2014	< 20	µg/L	01_101214_11	NOT DETECTED
Station 145	Lead	5/14/2014	58.4	µg/L	01_051114_11	
Station 145	Lead	6/22/2014	28.5	µg/L	01_060814_11	
Station 145	Lead	7/17/2014	23.0	µg/L	01_071314_11	
Station 145	Lead	8/15/2014	8.2	µg/L	01_081014_11	
Station 145	Lead	9/4/2014	48.1	µg/L	01_091414_11	
Station 145	Lead	10/9/2014	14.8	µg/L	01_101214_11	
Station 145	Magnesium	5/14/2014	9900	µg/L	01_051114_11	
Station 145	Magnesium	6/22/2014	12500	µg/L	01_060814_11	
Station 145	Magnesium	7/17/2014	21300	µg/L	01_071314_11	
Station 145	Magnesium	8/15/2014	34700	µg/L	01_081014_11	
Station 145	Magnesium	9/4/2014	35500	µg/L	01_091414_11	
Station 145	Magnesium	10/9/2014	33000	µg/L	01_101214_11	
Station 145	pH, Field	5/14/2014	7.15	pH Units	01_051114_11	
Station 145	pH, Field	6/22/2014	7.82	pH Units	01_060814_11	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Station 145	pH, Field	7/17/2014	7.15	pH Units	01_071314_11	
Station 145	pH, Field	8/15/2014	7.42	pH Units	01_081014_11	
Station 145	pH, Field	9/4/2014	7.01	pH Units	01_091414_11	
Station 145	pH, Field	10/9/2014	7.24	pH Units	01_101214_11	
Station 145	Potassium	5/14/2014	800	µg/L	01_051114_11	BETWEEN MDL & PQL
Station 145	Potassium	6/22/2014	500	µg/L	01_060814_11	BETWEEN MDL & PQL
Station 145	Potassium	7/17/2014	500	µg/L	01_071314_11	BETWEEN MDL & PQL
Station 145	Potassium	8/15/2014	600	µg/L	01_081014_11	BETWEEN MDL & PQL
Station 145	Potassium	9/4/2014	600	µg/L	01_091414_11	BETWEEN MDL & PQL
Station 145	Potassium	10/9/2014	600	µg/L	01_101214_11	BETWEEN MDL & PQL
Station 145	Selenium	5/14/2014	< 1	µg/L	01_051114_11	NOT DETECTED
Station 145	Selenium	6/22/2014	< 1	µg/L	01_060814_11	NOT DETECTED
Station 145	Selenium	7/17/2014	< 1	µg/L	01_071314_11	NOT DETECTED
Station 145	Selenium	8/15/2014	2.2	µg/L	01_081014_11	BETWEEN MDL & PQL
Station 145	Selenium	9/4/2014	3.1	µg/L	01_091414_11	BETWEEN MDL & PQL
Station 145	Selenium	10/9/2014	2.4	µg/L	01_101214_11	BETWEEN MDL & PQL
Station 145	Sodium	5/14/2014	3600	µg/L	01_051114_11	
Station 145	Sodium	6/22/2014	2400	µg/L	01_060814_11	
Station 145	Sodium	7/17/2014	3900	µg/L	01_071314_11	
Station 145	Sodium	8/15/2014	8700	µg/L	01_081014_11	
Station 145	Sodium	9/4/2014	6300	µg/L	01_091414_11	
Station 145	Sodium	10/9/2014	7200	µg/L	01_101214_11	
Station 145	Sulfate	5/14/2014	75100	µg/L	01_051114_11	
Station 145	Sulfate	6/22/2014	102000	µg/L	01_060814_11	
Station 145	Sulfate	7/17/2014	191000	µg/L	01_071314_11	
Station 145	Sulfate	8/15/2014	286000	µg/L	01_081014_11	
Station 145	Sulfate	9/4/2014	242000	µg/L	01_091414_11	
Station 145	Sulfate	10/9/2014	203000	µg/L	01_101214_11	
Station 145	Temperature, Field	5/14/2014	-0.1	°C	01_051114_11	
Station 145	Temperature, Field	6/22/2014	5.6	°C	01_060814_11	
Station 145	Temperature, Field	7/17/2014	4.7	°C	01_071314_11	
Station 145	Temperature, Field	8/15/2014	9.0	°C	01_081014_11	
Station 145	Temperature, Field	9/4/2014	1.8	°C	01_091414_11	
Station 145	Temperature, Field	10/9/2014	0	°C	01_101214_11	
Station 145	Total Dissolved Solids	5/14/2014	130000	µg/L	01_051114_11	
Station 145	Total Dissolved Solids	6/22/2014	170000	µg/L	01_060814_11	
Station 145	Total Dissolved Solids	7/17/2014	270000	µg/L	01_071314_11	
Station 145	Total Dissolved Solids	8/15/2014	430000	µg/L	01_081014_11	
Station 145	Total Dissolved Solids	9/4/2014	420000	µg/L	01_091414_11	
Station 145	Total Dissolved Solids	10/9/2014	380000	µg/L	01_101214_11	
Station 145	Total Suspended Solids	5/14/2014	< 5000	µg/L	01_051114_11	NOT DETECTED
Station 145	Total Suspended Solids	6/22/2014	< 5000	µg/L	01_060814_11	NOT DETECTED
Station 145	Total Suspended Solids	7/17/2014	< 5000	µg/L	01_071314_11	NOT DETECTED

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Station 145	Total Suspended Solids	8/15/2014	< 5000	µg/L	01_081014_11	NOT DETECTED
Station 145	Total Suspended Solids	9/4/2014	< 5000	µg/L	01_091414_11	NOT DETECTED
Station 145	Total Suspended Solids	10/9/2014	< 5000	µg/L	01_101214_11	NOT DETECTED
Station 145	Zinc	5/14/2014	601	µg/L	01_051114_11	
Station 145	Zinc	6/22/2014	1410	µg/L	01_060814_11	
Station 145	Zinc	7/17/2014	1730	µg/L	01_071314_11	
Station 145	Zinc	8/15/2014	2750	µg/L	01_081014_11	
Station 145	Zinc	9/4/2014	4480	µg/L	01_091414_11	
Station 145	Zinc	10/9/2014	4170	µg/L	01_101214_11	
Station 150	Alkalinity (As CaC03)	5/5/2014	27000	µg/L	13_050614_03	
Station 150	Alkalinity (As CaC03)	6/2/2014	31000	µg/L	13_060314_03	
Station 150	Alkalinity (As CaC03)	7/7/2014	76000	µg/L	13_070114_03	
Station 150	Alkalinity (As CaC03)	8/4/2014	93500	µg/L	13_080514_03	
Station 150	Alkalinity (As CaC03)	9/1/2014	94600	µg/L	13_090214_03	
Station 150	Alkalinity (As CaC03)	9/22/2014	107000	µg/L	13_092214_03	
Station 150	Alkalinity (As CaC03)	10/5/2014	116000	µg/L	13_100714_03	
Station 150	Aluminum	5/5/2014	85	µg/L	13_050614_03	
Station 150	Aluminum	6/2/2014	562	µg/L	13_060314_03	
Station 150	Aluminum	7/7/2014	50	µg/L	13_070114_03	
Station 150	Aluminum	8/4/2014	44	µg/L	13_080514_03	
Station 150	Aluminum	9/1/2014	137	µg/L	13_090214_03	
Station 150	Aluminum	9/22/2014	116	µg/L	13_092214_03	
Station 150	Aluminum	10/5/2014	60	µg/L	13_100714_03	
Station 150	Bicarbonate (As CaC03)	5/5/2014	27000	µg/L	13_050614_03	
Station 150	Bicarbonate (As CaC03)	6/2/2014	31000	µg/L	13_060314_03	
Station 150	Bicarbonate (As CaC03)	7/7/2014	76000	µg/L	13_070114_03	
Station 150	Bicarbonate (As CaC03)	8/4/2014	93500	µg/L	13_080514_03	
Station 150	Bicarbonate (As CaC03)	9/1/2014	94600	µg/L	13_090214_03	
Station 150	Bicarbonate (As CaC03)	9/22/2014	107000	µg/L	13_092214_03	
Station 150	Bicarbonate (As CaC03)	10/5/2014	116000	µg/L	13_100714_03	
Station 150	Cadmium	5/5/2014	2.5	µg/L	13_050614_03	
Station 150	Cadmium	6/2/2014	1.2	µg/L	13_060314_03	
Station 150	Cadmium	7/7/2014	1.0	µg/L	13_070114_03	
Station 150	Cadmium	8/4/2014	1.2	µg/L	13_080514_03	
Station 150	Cadmium	9/1/2014	1.2	µg/L	13_090214_03	
Station 150	Cadmium	9/22/2014	1.2	µg/L	13_092214_03	
Station 150	Cadmium	10/5/2014	1.2	µg/L	13_100714_03	
Station 150	Calcium	5/5/2014	177000	µg/L	13_050614_03	
Station 150	Calcium	6/2/2014	74900	µg/L	13_060314_03	
Station 150	Calcium	7/7/2014	74000	µg/L	13_070114_03	
Station 150	Calcium	8/4/2014	96900	µg/L	13_080514_03	
Station 150	Calcium	9/1/2014	90100	µg/L	13_090214_03	
Station 150	Calcium	9/22/2014	62400	µg/L	13_092214_03	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Station 150	Calcium	10/5/2014	62200	µg/L	13_100714_03	
Station 150	Carbonate (AS CaCO3)	5/5/2014	< 2000	µg/L	13_050614_03	NOT DETECTED
Station 150	Carbonate (AS CaCO3)	6/2/2014	< 2000	µg/L	13_060314_03	NOT DETECTED
Station 150	Carbonate (AS CaCO3)	7/7/2014	< 2000	µg/L	13_070114_03	NOT DETECTED
Station 150	Carbonate (AS CaCO3)	8/4/2014	< 2000	µg/L	13_080514_03	NOT DETECTED
Station 150	Carbonate (AS CaCO3)	9/1/2014	< 2000	µg/L	13_090214_03	NOT DETECTED
Station 150	Carbonate (AS CaCO3)	9/22/2014	< 2000	µg/L	13_092214_03	NOT DETECTED
Station 150	Carbonate (AS CaCO3)	10/5/2014	< 2000	µg/L	13_100714_03	NOT DETECTED
Station 150	Chloride	5/5/2014	5830	µg/L	13_050614_03	BETWEEN MDL & PQL
Station 150	Chloride	6/2/2014	< 5000	µg/L	13_060314_03	NOT DETECTED
Station 150	Chloride	7/7/2014	< 2500	µg/L	13_070114_03	NOT DETECTED
Station 150	Chloride	8/4/2014	< 5000	µg/L	13_080514_03	NOT DETECTED
Station 150	Chloride	9/1/2014	< 5000	µg/L	13_090214_03	NOT DETECTED
Station 150	Chloride	9/22/2014	< 2500	µg/L	13_092214_03	NOT DETECTED
Station 150	Chloride	10/5/2014	< 5000	µg/L	13_100714_03	NOT DETECTED
Station 150	Conductivity, Field	5/5/2014	528	uS/cm	13_050614_03	
Station 150	Conductivity, Field	5/2/2014	152.4	uS/cm	12_051314_03	
Station 150	Conductivity, Field	5/12/2014	424.1	uS/cm	12_052014_05	
Station 150	Conductivity, Field	5/26/2014	461.7	uS/cm	12_052614_10	
Station 150	Conductivity, Field	5/19/2014	439.4	uS/cm	12_052714_03	
Station 150	Conductivity, Field	6/2/2014	291.1	uS/cm	13_060314_03	
Station 150	Conductivity, Field	6/9/2014	194.9	uS/cm	12_061014_03	
Station 150	Conductivity, Field	6/16/2014	291	uS/cm	12_061714_05	
Station 150	Conductivity, Field	6/23/2014	372	uS/cm	12_062414_03	
Station 150	Conductivity, Field	7/1/2014	322.5	uS/cm	12_063014_03	
Station 150	Conductivity, Field	7/7/2014	403.6	uS/cm	13_070114_03	
Station 150	Conductivity, Field	7/14/2014	375.8	uS/cm	12_070814_03	
Station 150	Conductivity, Field	7/21/2014	381.3	uS/cm	12_071514_05	
Station 150	Conductivity, Field	7/28/2014	375.1	uS/cm	12_072214_03	
Station 150	Conductivity, Field	8/4/2014	531	uS/cm	13_080514_03	
Station 150	Conductivity, Field	8/11/2014	493.1	uS/cm	12_081214_03	
Station 150	Conductivity, Field	8/18/2014	443.7	uS/cm	12_081914_05	
Station 150	Conductivity, Field	8/25/2014	346.2	uS/cm	12_082614_03	
Station 150	Conductivity, Field	9/15/2014	448.8	uS/cm	12_091614_05	
Station 150	Conductivity, Field	9/1/2014	378.2	uS/cm	13_090214_03	
Station 150	Conductivity, Field	9/22/2014	226.1	uS/cm	13_092214_03	
Station 150	Conductivity, Field	9/8/2014	373.9	uS/cm	12_090914_03	
Station 150	Conductivity, Field	9/20/2014	418.8	uS/cm	12_092014_05	
Station 150	Conductivity, Field	9/30/2014	223.5	uS/cm	12_092314_03	
Station 150	Conductivity, Field	10/5/2014	259.6	uS/cm	13_100714_03	
Station 150	Conductivity, Field	10/13/2014	267.7	uS/cm	12_101414_03	
Station 150	Iron	5/5/2014	430	µg/L	13_050614_03	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Station 150	Iron	6/2/2014	1970	µg/L	13_060314_03	
Station 150	Iron	7/7/2014	180	µg/L	13_070114_03	
Station 150	Iron	8/4/2014	300	µg/L	13_080514_03	
Station 150	Iron	9/1/2014	710	µg/L	13_090214_03	
Station 150	Iron	9/22/2014	560	µg/L	13_092214_03	
Station 150	Iron	10/5/2014	300	µg/L	13_100714_03	
Station 150	Lead	5/5/2014	21.6	µg/L	13_050614_03	
Station 150	Lead	6/2/2014	14.2	µg/L	13_060314_03	
Station 150	Lead	7/7/2014	0.7	µg/L	13_070114_03	
Station 150	Lead	8/4/2014	0.4	µg/L	13_080514_03	BETWEEN MDL & PQL
Station 150	Lead	9/1/2014	1.8	µg/L	13_090214_03	
Station 150	Lead	9/22/2014	1.0	µg/L	13_092214_03	
Station 150	Lead	10/5/2014	0.8	µg/L	13_100714_03	
Station 150	Magnesium	5/5/2014	25100	µg/L	13_050614_03	
Station 150	Magnesium	6/2/2014	13500	µg/L	13_060314_03	
Station 150	Magnesium	7/7/2014	16600	µg/L	13_070114_03	
Station 150	Magnesium	8/4/2014	21500	µg/L	13_080514_03	
Station 150	Magnesium	9/1/2014	22100	µg/L	13_090214_03	
Station 150	Magnesium	9/22/2014	18900	µg/L	13_092214_03	
Station 150	Magnesium	10/5/2014	18800	µg/L	13_100714_03	
Station 150	pH, Field	5/5/2014	7.6	pH Units	13_050614_03	
Station 150	pH, Field	5/2/2014	7.08	pH Units	12_051314_03	
Station 150	pH, Field	5/12/2014	7.46	pH Units	12_052014_05	
Station 150	pH, Field	5/26/2014	7.6	pH Units	12_052614_10	
Station 150	pH, Field	5/19/2014	7.58	pH Units	12_052714_03	
Station 150	pH, Field	6/2/2014	7.84	pH Units	13_060314_03	
Station 150	pH, Field	6/9/2014	7.65	pH Units	12_061014_03	
Station 150	pH, Field	6/16/2014	7.79	pH Units	12_061714_05	
Station 150	pH, Field	6/23/2014	7.79	pH Units	12_062414_03	
Station 150	pH, Field	7/1/2014	8.05	pH Units	12_063014_03	
Station 150	pH, Field	7/7/2014	7.95	pH Units	13_070114_03	
Station 150	pH, Field	7/14/2014	7.93	pH Units	12_070814_03	
Station 150	pH, Field	7/21/2014	7.87	pH Units	12_071514_05	
Station 150	pH, Field	7/28/2014	7.99	pH Units	12_072214_03	
Station 150	pH, Field	8/4/2014	8.02	pH Units	13_080514_03	
Station 150	pH, Field	8/11/2014	8.04	pH Units	12_081214_03	
Station 150	pH, Field	8/18/2014	8.06	pH Units	12_081914_05	
Station 150	pH, Field	8/25/2014	7.89	pH Units	12_082614_03	
Station 150	pH, Field	9/15/2014	8.01	pH Units	12_091614_05	
Station 150	pH, Field	9/1/2014	7.99	pH Units	13_090214_03	
Station 150	pH, Field	9/22/2014	7.73	pH Units	13_092214_03	
Station 150	pH, Field	9/8/2014	7.95	pH Units	12_090914_03	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Station 150	pH, Field	9/20/2014	7.04	pH Units	12_092014_05	
Station 150	pH, Field	9/30/2014	7.80	pH Units	12_092314_03	
Station 150	pH, Field	10/5/2014	7.70	pH Units	13_100714_03	
Station 150	pH, Field	10/13/2014	7.81	pH Units	12_101414_03	
Station 150	Potassium	5/5/2014	4100	µg/L	13_050614_03	
Station 150	Potassium	6/2/2014	1800	µg/L	13_060314_03	
Station 150	Potassium	7/7/2014	1200	µg/L	13_070114_03	BETWEEN MDL & PQL
Station 150	Potassium	8/4/2014	1500	µg/L	13_080514_03	
Station 150	Potassium	9/1/2014	1200	µg/L	13_090214_03	
Station 150	Potassium	9/22/2014	600	µg/L	13_092214_03	BETWEEN MDL & PQL
Station 150	Potassium	10/5/2014	700	µg/L	13_100714_03	BETWEEN MDL & PQL
Station 150	Selenium	5/5/2014	< 1	µg/L	13_050614_03	NOT DETECTED
Station 150	Selenium	6/2/2014	< 1	µg/L	13_060314_03	NOT DETECTED
Station 150	Selenium	7/7/2014	< 1	µg/L	13_070114_03	NOT DETECTED
Station 150	Selenium	8/4/2014	< 1	µg/L	13_080514_03	NOT DETECTED
Station 150	Selenium	9/1/2014	1.3	µg/L	13_090214_03	BETWEEN MDL & PQL
Station 150	Selenium	9/22/2014	< 1	µg/L	13_092214_03	NOT DETECTED
Station 150	Selenium	10/5/2014	1.7	µg/L	13_100714_03	BETWEEN MDL & PQL
Station 150	Sodium	5/5/2014	19100	µg/L	13_050614_03	
Station 150	Sodium	6/2/2014	7400	µg/L	13_060314_03	
Station 150	Sodium	7/7/2014	6200	µg/L	13_070114_03	
Station 150	Sodium	8/4/2014	8400	µg/L	13_080514_03	
Station 150	Sodium	9/1/2014	7600	µg/L	13_090214_03	
Station 150	Sodium	9/22/2014	4500	µg/L	13_092214_03	
Station 150	Sodium	10/5/2014	4400	µg/L	13_100714_03	
Station 150	Sulfate	5/5/2014	544000	µg/L	13_050614_03	
Station 150	Sulfate	6/2/2014	213000	µg/L	13_060314_03	
Station 150	Sulfate	7/7/2014	183000	µg/L	13_070114_03	
Station 150	Sulfate	8/4/2014	233000	µg/L	13_080514_03	
Station 150	Sulfate	9/1/2014	207000	µg/L	13_090214_03	
Station 150	Sulfate	9/22/2014	127000	µg/L	13_092214_03	
Station 150	Sulfate	10/5/2014	126000	µg/L	13_100714_03	
Station 150	Temperature, Field	5/5/2014	-0.1	°C	13_050614_03	
Station 150	Temperature, Field	5/2/2014	0	°C	12_051314_03	
Station 150	Temperature, Field	5/12/2014	-0.1	°C	12_052014_05	
Station 150	Temperature, Field	5/26/2014	0.6	°C	12_052614_10	
Station 150	Temperature, Field	5/19/2014	0	°C	12_052714_03	
Station 150	Temperature, Field	6/2/2014	1.3	°C	13_060314_03	
Station 150	Temperature, Field	6/9/2014	1.5	°C	12_061014_03	
Station 150	Temperature, Field	6/16/2014	4.1	°C	12_061714_05	
Station 150	Temperature, Field	6/23/2014	9.3	°C	12_062414_03	
Station 150	Temperature, Field	7/1/2014	6.4	°C	12_063014_03	
Station 150	Temperature, Field	7/7/2014	12.8	°C	13_070114_03	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Station 150	Temperature, Field	7/14/2014	7.8	°C	12_070814_03	
Station 150	Temperature, Field	7/21/2014	5.5	°C	12_071514_05	
Station 150	Temperature, Field	7/28/2014	11.1	°C	12_072214_03	
Station 150	Temperature, Field	8/4/2014	13.6	°C	13_080514_03	
Station 150	Temperature, Field	8/11/2014	10.9	°C	12_081214_03	
Station 150	Temperature, Field	8/18/2014	10	°C	12_081914_05	
Station 150	Temperature, Field	8/25/2014	6.4	°C	12_082614_03	
Station 150	Temperature, Field	9/15/2014	6.5	°C	12_091614_05	
Station 150	Temperature, Field	9/1/2014	5.0	°C	13_090214_03	
Station 150	Temperature, Field	9/22/2014	0.7	°C	13_092214_03	
Station 150	Temperature, Field	9/8/2014	0.9	°C	12_090914_03	
Station 150	Temperature, Field	9/20/2014	3.5	°C	12_092014_05	
Station 150	Temperature, Field	9/30/2014	1.3	°C	12_092314_03	
Station 150	Temperature, Field	10/5/2014	-0.1	°C	13_100714_03	
Station 150	Temperature, Field	10/13/2014	0	°C	12_101414_03	
Station 150	Total Dissolved Solids	5/2/2014	170000	µg/L	12_051314_03	
Station 150	Total Dissolved Solids	5/5/2014	780000	µg/L	13_050614_03	
Station 150	Total Dissolved Solids	5/12/2014	580000	µg/L	12_052014_05	
Station 150	Total Dissolved Solids	5/19/2014	600000	µg/L	12_052714_03	
Station 150	Total Dissolved Solids	5/26/2014	620000	µg/L	12_052614_10	EXCEEDED HOLD TIME
Station 150	Total Dissolved Solids	5/5/2014	1029000	µg/L	14-047	
Station 150	Total Dissolved Solids	6/2/2014	360000	µg/L	13_060314_03	
Station 150	Total Dissolved Solids	6/16/2014	330000	µg/L	12_061714_05	
Station 150	Total Dissolved Solids	6/23/2014	330000	µg/L	12_062414_03	
Station 150	Total Dissolved Solids	6/9/2014	225000	µg/L	12_061014_03	
Station 150	Total Dissolved Solids	7/1/2014	310000	µg/L	12_063014_03	
Station 150	Total Dissolved Solids	7/7/2014	310000	µg/L	13_070114_03	
Station 150	Total Dissolved Solids	7/14/2014	378000	µg/L	12_070814_03	
Station 150	Total Dissolved Solids	7/21/2014	430000	µg/L	12_071514_05	
Station 150	Total Dissolved Solids	7/28/2014	350000	µg/L	12_072214_03	
Station 150	Total Dissolved Solids	8/4/2014	450000	µg/L	13_080514_03	
Station 150	Total Dissolved Solids	8/18/2014	430000	µg/L	12_081914_05	
Station 150	Total Dissolved Solids	8/25/2014	350000	µg/L	12_082614_03	
Station 150	Total Dissolved Solids	8/11/2014	455000	µg/L	12_081214_03	
Station 150	Total Dissolved Solids	9/8/2014	481000	µg/L	12_090914_03	
Station 150	Total Dissolved Solids	9/1/2014	420000	µg/L	13_090214_03	
Station 150	Total Dissolved Solids	9/15/2014	480000	µg/L	12_091614_05	
Station 150	Total Dissolved Solids	9/22/2014	310000	µg/L	13_092214_03	
Station 150	Total Dissolved Solids	9/20/2014	480000	µg/L	12_092014_05	
Station 150	Total Dissolved Solids	9/30/2014	260000	µg/L	12_092314_03	
Station 150	Total Dissolved Solids	10/5/2014	300000	µg/L	13_100714_03	
Station 150	Total Dissolved Solids	10/13/2014	338000	µg/L	12_101414_03	
Station 150	Total Suspended Solids	5/5/2014	5000	µg/L	13_050614_03	BETWEEN MDL & PQL

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Station 150	Total Suspended Solids	6/2/2014	20000	µg/L	13_060314_03	
Station 150	Total Suspended Solids	7/7/2014	< 5000	µg/L	13_070114_03	NOT DETECTED
Station 150	Total Suspended Solids	8/4/2014	< 5000	µg/L	13_080514_03	NOT DETECTED
Station 150	Total Suspended Solids	9/1/2014	7000	µg/L	13_090214_03	BETWEEN MDL & PQL
Station 150	Total Suspended Solids	9/22/2014	< 5000	µg/L	13_092214_03	NOT DETECTED
Station 150	Total Suspended Solids	10/5/2014	< 5000	µg/L	13_100714_03	NOT DETECTED
Station 150	Zinc	5/5/2014	315	µg/L	13_050614_03	
Station 150	Zinc	6/2/2014	214	µg/L	13_060314_03	
Station 150	Zinc	7/7/2014	179	µg/L	13_070114_03	
Station 150	Zinc	8/4/2014	200	µg/L	13_080514_03	
Station 150	Zinc	9/1/2014	262	µg/L	13_090214_03	
Station 150	Zinc	9/22/2014	299	µg/L	13_092214_03	
Station 150	Zinc	10/5/2014	269	µg/L	13_100714_03	
Station 9	Alkalinity (As CaC03)	5/9/2014	48000	µg/L	01_051114_12	
Station 9	Alkalinity (As CaC03)	5/22/2014	37000	µg/L	01_052514_08	
Station 9	Alkalinity (As CaC03)	6/13/2014	49000	µg/L	01_060814_12	
Station 9	Alkalinity (As CaC03)	6/27/2014	66000	µg/L	01_062214_08	
Station 9	Alkalinity (As CaC03)	7/10/2014	80000	µg/L	01_071314_12	
Station 9	Alkalinity (As CaC03)	7/24/2014	85000	µg/L	01_072714_08	
Station 9	Alkalinity (As CaC03)	8/15/2014	101000	µg/L	01_081014_12	
Station 9	Alkalinity (As CaC03)	8/25/2014	100000	µg/L	01_082414_08	
Station 9	Alkalinity (As CaC03)	9/4/2014	88000	µg/L	01_091414_12	
Station 9	Alkalinity (As CaC03)	9/11/2014	99900	µg/L	01_092814_08	
Station 9	Alkalinity (As CaC03)	10/13/2014	109000	µg/L	01_101214_12	
Station 9	Aluminum	5/9/2014	99	µg/L	01_051114_12	
Station 9	Aluminum	5/22/2014	241	µg/L	01_052514_08	
Station 9	Aluminum	6/13/2014	168	µg/L	01_060814_12	
Station 9	Aluminum	6/27/2014	65	µg/L	01_062214_08	
Station 9	Aluminum	7/10/2014	60	µg/L	01_071314_12	
Station 9	Aluminum	7/24/2014	87	µg/L	01_072714_08	
Station 9	Aluminum	8/15/2014	62	µg/L	01_081014_12	
Station 9	Aluminum	8/25/2014	85	µg/L	01_082414_08	
Station 9	Aluminum	9/4/2014	108	µg/L	01_091414_12	
Station 9	Aluminum	9/11/2014	112	µg/L	01_092814_08	
Station 9	Aluminum	10/13/2014	90	µg/L	01_101214_12	
Station 9	Bicarbonate (As CaC03)	5/9/2014	48000	µg/L	01_051114_12	
Station 9	Bicarbonate (As CaC03)	5/22/2014	37000	µg/L	01_052514_08	
Station 9	Bicarbonate (As CaC03)	6/13/2014	49000	µg/L	01_060814_12	
Station 9	Bicarbonate (As CaC03)	6/27/2014	66000	µg/L	01_062214_08	
Station 9	Bicarbonate (As CaC03)	7/10/2014	80000	µg/L	01_071314_12	
Station 9	Bicarbonate (As CaC03)	7/24/2014	85000	µg/L	01_072714_08	
Station 9	Bicarbonate (As CaC03)	8/15/2014	101000	µg/L	01_081014_12	
Station 9	Bicarbonate (As CaC03)	8/25/2014	100000	µg/L	01_082414_08	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Station 9	Bicarbonate (As CaC03)	9/4/2014	88000	µg/L	01_091414_12	
Station 9	Bicarbonate (As CaC03)	9/11/2014	99900	µg/L	01_092814_08	
Station 9	Bicarbonate (As CaC03)	10/13/2014	109000	µg/L	01_101214_12	
Station 9	Cadmium	5/9/2014	1.4	µg/L	01_051114_12	
Station 9	Cadmium	5/22/2014	1.3	µg/L	01_052514_08	
Station 9	Cadmium	6/13/2014	0.4	µg/L	01_060814_12	BETWEEN MDL & PQL
Station 9	Cadmium	6/27/2014	0.4	µg/L	01_062214_08	BETWEEN MDL & PQL
Station 9	Cadmium	7/10/2014	0.4	µg/L	01_071314_12	BETWEEN MDL & PQL
Station 9	Cadmium	7/24/2014	0.6	µg/L	01_072714_08	
Station 9	Cadmium	8/15/2014	0.6	µg/L	01_081014_12	
Station 9	Cadmium	8/25/2014	0.7	µg/L	01_082414_08	
Station 9	Cadmium	9/4/2014	0.7	µg/L	01_091414_12	
Station 9	Cadmium	9/11/2014	0.7	µg/L	01_092814_08	
Station 9	Cadmium	10/13/2014	1.0	µg/L	01_101214_12	
Station 9	Calcium	5/9/2014	34000	µg/L	01_051114_12	
Station 9	Calcium	5/22/2014	27100	µg/L	01_052514_08	
Station 9	Calcium	6/13/2014	19700	µg/L	01_060814_12	
Station 9	Calcium	6/27/2014	25700	µg/L	01_062214_08	
Station 9	Calcium	7/10/2014	31000	µg/L	01_071314_12	
Station 9	Calcium	7/24/2014	36700	µg/L	01_072714_08	
Station 9	Calcium	8/15/2014	50700	µg/L	01_081014_12	
Station 9	Calcium	8/25/2014	44000	µg/L	01_082414_08	
Station 9	Calcium	9/4/2014	45100	µg/L	01_091414_12	
Station 9	Calcium	9/11/2014	45900	µg/L	01_092814_08	
Station 9	Calcium	10/13/2014	56400	µg/L	01_101214_12	
Station 9	Carbonate (AS CaCO3)	5/9/2014	< 2000	µg/L	01_051114_12	NOT DETECTED
Station 9	Carbonate (AS CaCO3)	5/22/2014	< 2000	µg/L	01_052514_08	NOT DETECTED
Station 9	Carbonate (AS CaCO3)	6/13/2014	< 2000	µg/L	01_060814_12	NOT DETECTED
Station 9	Carbonate (AS CaCO3)	6/27/2014	< 2000	µg/L	01_062214_08	NOT DETECTED
Station 9	Carbonate (AS CaCO3)	7/10/2014	< 2000	µg/L	01_071314_12	NOT DETECTED
Station 9	Carbonate (AS CaCO3)	7/24/2014	< 2000	µg/L	01_072714_08	NOT DETECTED
Station 9	Carbonate (AS CaCO3)	8/15/2014	< 2000	µg/L	01_081014_12	NOT DETECTED
Station 9	Carbonate (AS CaCO3)	8/25/2014	< 2000	µg/L	01_082414_08	NOT DETECTED
Station 9	Carbonate (AS CaCO3)	9/4/2014	< 2000	µg/L	01_091414_12	NOT DETECTED
Station 9	Carbonate (AS CaCO3)	9/11/2014	< 2000	µg/L	01_092814_08	NOT DETECTED
Station 9	Carbonate (AS CaCO3)	10/13/2014	< 2000	µg/L	01_101214_12	NOT DETECTED
Station 9	Chloride	5/9/2014	< 2500	µg/L	01_051114_12	NOT DETECTED
Station 9	Chloride	5/22/2014	< 1000	µg/L	01_052514_08	NOT DETECTED
Station 9	Chloride	6/13/2014	520	µg/L	01_060814_12	BETWEEN MDL & PQL
Station 9	Chloride	6/27/2014	< 500	µg/L	01_062214_08	NOT DETECTED
Station 9	Chloride	7/10/2014	< 2500	µg/L	01_071314_12	NOT DETECTED
Station 9	Chloride	7/24/2014	< 2500	µg/L	01_072714_08	NOT DETECTED
Station 9	Chloride	8/15/2014	< 500	µg/L	01_081014_12	NOT DETECTED

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Station 9	Chloride	8/25/2014	< 2500	µg/L	01_082414_08	NOT DETECTED
Station 9	Chloride	9/4/2014	< 1000	µg/L	01_091414_12	NOT DETECTED
Station 9	Chloride	9/11/2014	< 2500	µg/L	01_092814_08	NOT DETECTED
Station 9	Chloride	10/13/2014	< 2500	µg/L	01_101214_12	NOT DETECTED
Station 9	Conductivity, Field	5/9/2014	165.5	uS/cm	01_051114_12	
Station 9	Conductivity, Field	5/22/2014	140.2	uS/cm	01_052514_08	
Station 9	Conductivity, Field	6/13/2014	99.5	uS/cm	01_060814_12	
Station 9	Conductivity, Field	6/27/2014	139	uS/cm	01_062214_08	
Station 9	Conductivity, Field	7/10/2014	201.9	uS/cm	01_071314_12	
Station 9	Conductivity, Field	7/24/2014	186.8	uS/cm	01_072714_08	
Station 9	Conductivity, Field	8/15/2014	299.8	uS/cm	01_081014_12	
Station 9	Conductivity, Field	8/25/2014	250.8	uS/cm	01_082414_08	
Station 9	Conductivity, Field	9/4/2014	221.1	uS/cm	01_091414_12	
Station 9	Conductivity, Field	9/11/2014	235.2	uS/cm	01_092814_08	
Station 9	Conductivity, Field	10/13/2014	261.6	uS/cm	01_101214_12	
Station 9	Iron	5/9/2014	790	µg/L	01_051114_12	
Station 9	Iron	5/22/2014	850	µg/L	01_052514_08	
Station 9	Iron	6/13/2014	460	µg/L	01_060814_12	
Station 9	Iron	6/27/2014	240	µg/L	01_062214_08	
Station 9	Iron	7/10/2014	230	µg/L	01_071314_12	
Station 9	Iron	7/24/2014	350	µg/L	01_072714_08	
Station 9	Iron	8/15/2014	320	µg/L	01_081014_12	
Station 9	Iron	8/25/2014	360	µg/L	01_082414_08	
Station 9	Iron	9/4/2014	530	µg/L	01_091414_12	
Station 9	Iron	9/11/2014	500	µg/L	01_092814_08	
Station 9	Iron	10/13/2014	370	µg/L	01_101214_12	
Station 9	Lead	5/9/2014	1.3	µg/L	01_051114_12	
Station 9	Lead	5/22/2014	1.8	µg/L	01_052514_08	
Station 9	Lead	6/13/2014	1.0	µg/L	01_060814_12	
Station 9	Lead	6/27/2014	0.5	µg/L	01_062214_08	
Station 9	Lead	7/10/2014	0.3	µg/L	01_071314_12	BETWEEN MDL & PQL
Station 9	Lead	7/24/2014	0.6	µg/L	01_072714_08	
Station 9	Lead	8/15/2014	0.1	µg/L	01_081014_12	BETWEEN MDL & PQL
Station 9	Lead	8/25/2014	0.5	µg/L	01_082414_08	
Station 9	Lead	9/4/2014	0.7	µg/L	01_091414_12	
Station 9	Lead	9/11/2014	0.7	µg/L	01_092814_08	
Station 9	Lead	10/13/2014	0.5	µg/L	01_101214_12	
Station 9	Magnesium	5/9/2014	14400	µg/L	01_051114_12	
Station 9	Magnesium	5/22/2014	11800	µg/L	01_052514_08	
Station 9	Magnesium	6/13/2014	7000	µg/L	01_060814_12	
Station 9	Magnesium	6/27/2014	9500	µg/L	01_062214_08	
Station 9	Magnesium	7/10/2014	11700	µg/L	01_071314_12	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Station 9	Magnesium	7/24/2014	14100	µg/L	01_072714_08	
Station 9	Magnesium	8/15/2014	20100	µg/L	01_081014_12	
Station 9	Magnesium	8/25/2014	17100	µg/L	01_082414_08	
Station 9	Magnesium	9/4/2014	17800	µg/L	01_091414_12	
Station 9	Magnesium	9/11/2014	18000	µg/L	01_092814_08	
Station 9	Magnesium	10/13/2014	22100	µg/L	01_101214_12	
Station 9	pH, Field	5/9/2014	7.52	pH Units	01_051114_12	
Station 9	pH, Field	5/22/2014	7.33	pH Units	01_052514_08	
Station 9	pH, Field	6/13/2014	7.73	pH Units	01_060814_12	
Station 9	pH, Field	6/27/2014	7.51	pH Units	01_062214_08	
Station 9	pH, Field	7/10/2014	8.02	pH Units	01_071314_12	
Station 9	pH, Field	7/24/2014	7.90	pH Units	01_072714_08	
Station 9	pH, Field	8/15/2014	7.99	pH Units	01_081014_12	
Station 9	pH, Field	8/25/2014	7.71	pH Units	01_082414_08	
Station 9	pH, Field	9/4/2014	7.87	pH Units	01_091414_12	
Station 9	pH, Field	9/11/2014	8.01	pH Units	01_092814_08	
Station 9	pH, Field	10/13/2014	7.80	pH Units	01_101214_12	
Station 9	Potassium	5/9/2014	600	µg/L	01_051114_12	BETWEEN MDL & PQL
Station 9	Potassium	5/22/2014	800	µg/L	01_052514_08	BETWEEN MDL & PQL
Station 9	Potassium	6/13/2014	500	µg/L	01_060814_12	BETWEEN MDL & PQL
Station 9	Potassium	6/27/2014	400	µg/L	01_062214_08	BETWEEN MDL & PQL
Station 9	Potassium	7/10/2014	400	µg/L	01_071314_12	BETWEEN MDL & PQL
Station 9	Potassium	7/24/2014	400	µg/L	01_072714_08	BETWEEN MDL & PQL
Station 9	Potassium	8/15/2014	500	µg/L	01_081014_12	BETWEEN MDL & PQL
Station 9	Potassium	8/25/2014	500	µg/L	01_082414_08	BETWEEN MDL & PQL
Station 9	Potassium	9/4/2014	400	µg/L	01_091414_12	BETWEEN MDL & PQL
Station 9	Potassium	9/11/2014	400	µg/L	01_092814_08	BETWEEN MDL & PQL
Station 9	Potassium	10/13/2014	500	µg/L	01_101214_12	BETWEEN MDL & PQL
Station 9	Selenium	5/9/2014	1.2	µg/L	01_051114_12	BETWEEN MDL & PQL
Station 9	Selenium	5/22/2014	< 1	µg/L	01_052514_08	NOT DETECTED
Station 9	Selenium	6/13/2014	< 1	µg/L	01_060814_12	NOT DETECTED
Station 9	Selenium	6/27/2014	< 1	µg/L	01_062214_08	NOT DETECTED
Station 9	Selenium	7/10/2014	< 1	µg/L	01_071314_12	NOT DETECTED
Station 9	Selenium	7/24/2014	1.7	µg/L	01_072714_08	BETWEEN MDL & PQL
Station 9	Selenium	8/15/2014	1.3	µg/L	01_081014_12	BETWEEN MDL & PQL
Station 9	Selenium	8/25/2014	< 1	µg/L	01_082414_08	NOT DETECTED
Station 9	Selenium	9/4/2014	1.5	µg/L	01_091414_12	BETWEEN MDL & PQL
Station 9	Selenium	9/11/2014	4.0	µg/L	01_092814_08	BETWEEN MDL & PQL
Station 9	Selenium	10/13/2014	1.6	µg/L	01_101214_12	BETWEEN MDL & PQL
Station 9	Sodium	5/9/2014	3100	µg/L	01_051114_12	
Station 9	Sodium	5/22/2014	2500	µg/L	01_052514_08	
Station 9	Sodium	6/13/2014	1300	µg/L	01_060814_12	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Station 9	Sodium	6/27/2014	1700	µg/L	01_062214_08	
Station 9	Sodium	7/10/2014	2100	µg/L	01_071314_12	
Station 9	Sodium	7/24/2014	2500	µg/L	01_072714_08	
Station 9	Sodium	8/15/2014	4000	µg/L	01_081014_12	
Station 9	Sodium	8/25/2014	3200	µg/L	01_082414_08	
Station 9	Sodium	9/4/2014	3100	µg/L	01_091414_12	
Station 9	Sodium	9/11/2014	3200	µg/L	01_092814_08	
Station 9	Sodium	10/13/2014	4600	µg/L	01_101214_12	
Station 9	Sulfate	8/15/2014	111000	µg/L	01_081014_12	
Station 9	Sulfate	5/9/2014	95600	µg/L	01_051114_12	
Station 9	Sulfate	5/22/2014	81300	µg/L	01_052514_08	
Station 9	Sulfate	6/13/2014	31300	µg/L	01_060814_12	
Station 9	Sulfate	6/27/2014	43800	µg/L	01_062214_08	
Station 9	Sulfate	7/10/2014	52900	µg/L	01_071314_12	
Station 9	Sulfate	7/24/2014	65600	µg/L	01_072714_08	
Station 9	Sulfate	8/25/2014	90700	µg/L	01_082414_08	
Station 9	Sulfate	9/4/2014	98900	µg/L	01_091414_12	
Station 9	Sulfate	9/11/2014	92500	µg/L	01_092814_08	
Station 9	Sulfate	10/13/2014	130000	µg/L	01_101214_12	
Station 9	Temperature, Field	5/9/2014	0	°C	01_051114_12	
Station 9	Temperature, Field	5/22/2014	-0.1	°C	01_052514_08	
Station 9	Temperature, Field	6/13/2014	4.2	°C	01_060814_12	
Station 9	Temperature, Field	6/27/2014	5.8	°C	01_062214_08	
Station 9	Temperature, Field	7/10/2014	13.2	°C	01_071314_12	
Station 9	Temperature, Field	7/24/2014	3.6	°C	01_072714_08	
Station 9	Temperature, Field	8/15/2014	10	°C	01_081014_12	
Station 9	Temperature, Field	8/25/2014	8.2	°C	01_082414_08	
Station 9	Temperature, Field	9/4/2014	3.3	°C	01_091414_12	
Station 9	Temperature, Field	9/11/2014	4.6	°C	01_092814_08	
Station 9	Temperature, Field	10/13/2014	-0.1	°C	01_101214_12	
Station 9	Total Dissolved Solids	5/9/2014	210000	µg/L	01_051114_12	
Station 9	Total Dissolved Solids	5/22/2014	170000	µg/L	01_052514_08	
Station 9	Total Dissolved Solids	6/13/2014	90000	µg/L	01_060814_12	
Station 9	Total Dissolved Solids	6/27/2014	130000	µg/L	01_062214_08	
Station 9	Total Dissolved Solids	7/10/2014	160000	µg/L	01_071314_12	
Station 9	Total Dissolved Solids	7/24/2014	160000	µg/L	01_072714_08	
Station 9	Total Dissolved Solids	8/15/2014	70000	µg/L	01_081014_12	
Station 9	Total Dissolved Solids	8/25/2014	230000	µg/L	01_082414_08	
Station 9	Total Dissolved Solids	9/4/2014	230000	µg/L	01_091414_12	
Station 9	Total Dissolved Solids	9/11/2014	230000	µg/L	01_092814_08	
Station 9	Total Dissolved Solids	10/13/2014	312000	µg/L	01_101214_12	
Station 9	Total Suspended Solids	5/9/2014	< 5000	µg/L	01_051114_12	NOT DETECTED
Station 9	Total Suspended Solids	5/22/2014	< 5000	µg/L	01_052514_08	NOT DETECTED

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Station 9	Total Suspended Solids	6/13/2014	< 5000	µg/L	01_060814_12	NOT DETECTED
Station 9	Total Suspended Solids	6/27/2014	< 5000	µg/L	01_062214_08	NOT DETECTED
Station 9	Total Suspended Solids	7/10/2014	< 5000	µg/L	01_071314_12	NOT DETECTED
Station 9	Total Suspended Solids	7/24/2014	< 5000	µg/L	01_072714_08	NOT DETECTED
Station 9	Total Suspended Solids	8/15/2014	< 5000	µg/L	01_081014_12	NOT DETECTED
Station 9	Total Suspended Solids	8/25/2014	< 5000	µg/L	01_082414_08	NOT DETECTED
Station 9	Total Suspended Solids	9/4/2014	< 5000	µg/L	01_091414_12	NOT DETECTED
Station 9	Total Suspended Solids	9/11/2014	< 5000	µg/L	01_092814_08	NOT DETECTED
Station 9	Total Suspended Solids	10/13/2014	< 5000	µg/L	01_101214_12	NOT DETECTED
Station 9	Zinc	5/9/2014	437	µg/L	01_051114_12	
Station 9	Zinc	5/22/2014	443	µg/L	01_052514_08	
Station 9	Zinc	6/13/2014	95	µg/L	01_060814_12	
Station 9	Zinc	6/27/2014	107	µg/L	01_062214_08	
Station 9	Zinc	7/10/2014	111	µg/L	01_071314_12	
Station 9	Zinc	7/24/2014	178	µg/L	01_072714_08	
Station 9	Zinc	8/15/2014	187	µg/L	01_081014_12	
Station 9	Zinc	8/25/2014	185	µg/L	01_082414_08	
Station 9	Zinc	9/4/2014	230	µg/L	01_091414_12	
Station 9	Zinc	9/11/2014	242	µg/L	01_092814_08	
Station 9	Zinc	10/13/2014	321	µg/L	01_101214_12	
Sulfur Creek	Alkalinity (As CaC03)	5/17/2014	11000	µg/L	01_051114_13	BETWEEN MDL & PQL
Sulfur Creek	Alkalinity (As CaC03)	6/22/2014	111000	µg/L	01_060814_13	
Sulfur Creek	Alkalinity (As CaC03)	7/17/2014	38000	µg/L	01_071314_13	
Sulfur Creek	Alkalinity (As CaC03)	8/15/2014	245000	µg/L	01_081014_13	
Sulfur Creek	Alkalinity (As CaC03)	9/4/2014	127000	µg/L	01_091414_13	
Sulfur Creek	Alkalinity (As CaC03)	10/9/2014	197000	µg/L	01_101214_13	
Sulfur Creek	Aluminum	5/17/2014	472	µg/L	01_051114_13	
Sulfur Creek	Aluminum	6/22/2014	30	µg/L	01_060814_13	
Sulfur Creek	Aluminum	7/17/2014	1030	µg/L	01_071314_13	
Sulfur Creek	Aluminum	8/15/2014	22	µg/L	01_081014_13	
Sulfur Creek	Aluminum	9/4/2014	72	µg/L	01_091414_13	
Sulfur Creek	Aluminum	10/9/2014	33	µg/L	01_101214_13	
Sulfur Creek	Bicarbonate (As CaC03)	5/17/2014	11000	µg/L	01_051114_13	BETWEEN MDL & PQL
Sulfur Creek	Bicarbonate (As CaC03)	6/22/2014	105000	µg/L	01_060814_13	
Sulfur Creek	Bicarbonate (As CaC03)	7/17/2014	38000	µg/L	01_071314_13	
Sulfur Creek	Bicarbonate (As CaC03)	8/15/2014	235000	µg/L	01_081014_13	
Sulfur Creek	Bicarbonate (As CaC03)	9/4/2014	127000	µg/L	01_091414_13	
Sulfur Creek	Bicarbonate (As CaC03)	10/9/2014	191000	µg/L	01_101214_13	
Sulfur Creek	Cadmium	5/17/2014	9.2	µg/L	01_051114_13	
Sulfur Creek	Cadmium	6/22/2014	1.5	µg/L	01_060814_13	
Sulfur Creek	Cadmium	7/17/2014	2.4	µg/L	01_071314_13	
Sulfur Creek	Cadmium	8/15/2014	1.4	µg/L	01_081014_13	
Sulfur Creek	Cadmium	9/4/2014	1.3	µg/L	01_091414_13	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Sulfur Creek	Cadmium	10/9/2014	1.8	µg/L	01_101214_13	
Sulfur Creek	Calcium	5/17/2014	9200	µg/L	01_051114_13	
Sulfur Creek	Calcium	6/22/2014	56300	µg/L	01_060814_13	
Sulfur Creek	Calcium	7/17/2014	24900	µg/L	01_071314_13	
Sulfur Creek	Calcium	8/15/2014	99400	µg/L	01_081014_13	
Sulfur Creek	Calcium	9/4/2014	57200	µg/L	01_091414_13	
Sulfur Creek	Calcium	10/9/2014	89700	µg/L	01_101214_13	
Sulfur Creek	Carbonate (AS CaCO3)	5/17/2014	< 2000	µg/L	01_051114_13	NOT DETECTED
Sulfur Creek	Carbonate (AS CaCO3)	6/22/2014	6000	µg/L	01_060814_13	BETWEEN MDL & PQL
Sulfur Creek	Carbonate (AS CaCO3)	7/17/2014	< 2000	µg/L	01_071314_13	NOT DETECTED
Sulfur Creek	Carbonate (AS CaCO3)	8/15/2014	10100	µg/L	01_081014_13	BETWEEN MDL & PQL
Sulfur Creek	Carbonate (AS CaCO3)	9/4/2014	< 2000	µg/L	01_091414_13	NOT DETECTED
Sulfur Creek	Carbonate (AS CaCO3)	10/9/2014	6000	µg/L	01_101214_13	BETWEEN MDL & PQL
Sulfur Creek	Chloride	5/17/2014	720	µg/L	01_051114_13	BETWEEN MDL & PQL
Sulfur Creek	Chloride	6/22/2014	< 500	µg/L	01_060814_13	NOT DETECTED
Sulfur Creek	Chloride	7/17/2014	< 500	µg/L	01_071314_13	NOT DETECTED
Sulfur Creek	Chloride	8/15/2014	< 500	µg/L	01_081014_13	NOT DETECTED
Sulfur Creek	Chloride	9/4/2014	700	µg/L	01_091414_13	BETWEEN MDL & PQL
Sulfur Creek	Chloride	10/9/2014	750	µg/L	01_101214_13	BETWEEN MDL & PQL
Sulfur Creek	Conductivity, Field	5/17/2014	42.6	uS/cm	01_051114_13	
Sulfur Creek	Conductivity, Field	6/22/2014	268.9	uS/cm	01_060814_13	
Sulfur Creek	Conductivity, Field	7/17/2014	104.9	uS/cm	01_071314_13	
Sulfur Creek	Conductivity, Field	8/15/2014	406.3	uS/cm	01_081014_13	
Sulfur Creek	Conductivity, Field	9/4/2014	169.7	uS/cm	01_091414_13	
Sulfur Creek	Conductivity, Field	10/9/2014	246.7	uS/cm	01_101214_13	
Sulfur Creek	Iron	5/17/2014	960	µg/L	01_051114_13	
Sulfur Creek	Iron	6/22/2014	250	µg/L	01_060814_13	
Sulfur Creek	Iron	7/17/2014	2370	µg/L	01_071314_13	
Sulfur Creek	Iron	8/15/2014	80	µg/L	01_081014_13	
Sulfur Creek	Iron	9/4/2014	680	µg/L	01_091414_13	
Sulfur Creek	Iron	10/9/2014	120	µg/L	01_101214_13	
Sulfur Creek	Lead	5/17/2014	481.8	µg/L	01_051114_13	
Sulfur Creek	Lead	6/22/2014	267.1	µg/L	01_060814_13	
Sulfur Creek	Lead	7/17/2014	202.5	µg/L	01_071314_13	
Sulfur Creek	Lead	8/15/2014	42.2	µg/L	01_081014_13	
Sulfur Creek	Lead	9/4/2014	33.7	µg/L	01_091414_13	
Sulfur Creek	Lead	10/9/2014	16.8	µg/L	01_101214_13	
Sulfur Creek	Magnesium	5/17/2014	1400	µg/L	01_051114_13	
Sulfur Creek	Magnesium	6/22/2014	6200	µg/L	01_060814_13	
Sulfur Creek	Magnesium	7/17/2014	3600	µg/L	01_071314_13	
Sulfur Creek	Magnesium	8/15/2014	12300	µg/L	01_081014_13	
Sulfur Creek	Magnesium	9/4/2014	6600	µg/L	01_091414_13	
Sulfur Creek	Magnesium	10/9/2014	11100	µg/L	01_101214_13	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Sulfur Creek	pH, Field	5/17/2014	7.32	pH Units	01_051114_13	
Sulfur Creek	pH, Field	6/22/2014	8.34	pH Units	01_060814_13	
Sulfur Creek	pH, Field	7/17/2014	6.78	pH Units	01_071314_13	
Sulfur Creek	pH, Field	8/15/2014	8.22	pH Units	01_081014_13	
Sulfur Creek	pH, Field	9/4/2014	7.41	pH Units	01_091414_13	
Sulfur Creek	pH, Field	10/9/2014	7.63	pH Units	01_101214_13	
Sulfur Creek	Potassium	5/17/2014	1300	µg/L	01_051114_13	
Sulfur Creek	Potassium	6/22/2014	300	µg/L	01_060814_13	BETWEEN MDL & PQL
Sulfur Creek	Potassium	7/17/2014	700	µg/L	01_071314_13	BETWEEN MDL & PQL
Sulfur Creek	Potassium	8/15/2014	< 200	µg/L	01_081014_13	NOT DETECTED
Sulfur Creek	Potassium	9/4/2014	300	µg/L	01_091414_13	BETWEEN MDL & PQL
Sulfur Creek	Potassium	10/9/2014	300	µg/L	01_101214_13	BETWEEN MDL & PQL
Sulfur Creek	Selenium	5/17/2014	< 1	µg/L	01_051114_13	NOT DETECTED
Sulfur Creek	Selenium	6/22/2014	< 1	µg/L	01_060814_13	NOT DETECTED
Sulfur Creek	Selenium	7/17/2014	< 1	µg/L	01_071314_13	NOT DETECTED
Sulfur Creek	Selenium	8/15/2014	< 1	µg/L	01_081014_13	NOT DETECTED
Sulfur Creek	Selenium	9/4/2014	< 1	µg/L	01_091414_13	NOT DETECTED
Sulfur Creek	Selenium	10/9/2014	< 1	µg/L	01_101214_13	NOT DETECTED
Sulfur Creek	Sodium	5/17/2014	2500	µg/L	01_051114_13	
Sulfur Creek	Sodium	6/22/2014	900	µg/L	01_060814_13	BETWEEN MDL & PQL
Sulfur Creek	Sodium	7/17/2014	1300	µg/L	01_071314_13	
Sulfur Creek	Sodium	8/15/2014	900	µg/L	01_081014_13	BETWEEN MDL & PQL
Sulfur Creek	Sodium	9/4/2014	1200	µg/L	01_091414_13	
Sulfur Creek	Sodium	10/9/2014	900	µg/L	01_101214_13	BETWEEN MDL & PQL
Sulfur Creek	Sulfate	5/17/2014	19100	µg/L	01_051114_13	
Sulfur Creek	Sulfate	6/22/2014	40800	µg/L	01_060814_13	
Sulfur Creek	Sulfate	7/17/2014	33300	µg/L	01_071314_13	
Sulfur Creek	Sulfate	8/15/2014	60100	µg/L	01_081014_13	
Sulfur Creek	Sulfate	9/4/2014	33400	µg/L	01_091414_13	
Sulfur Creek	Sulfate	10/9/2014	57300	µg/L	01_101214_13	
Sulfur Creek	Temperature, Field	5/17/2014	-0.1	°C	01_051114_13	
Sulfur Creek	Temperature, Field	6/22/2014	13.8	°C	01_060814_13	
Sulfur Creek	Temperature, Field	7/17/2014	7.3	°C	01_071314_13	
Sulfur Creek	Temperature, Field	8/15/2014	11.9	°C	01_081014_13	
Sulfur Creek	Temperature, Field	9/4/2014	1.0	°C	01_091414_13	
Sulfur Creek	Temperature, Field	10/9/2014	0	°C	01_101214_13	
Sulfur Creek	Total Dissolved Solids	5/17/2014	60000	µg/L	01_051114_13	
Sulfur Creek	Total Dissolved Solids	6/22/2014	190000	µg/L	01_060814_13	
Sulfur Creek	Total Dissolved Solids	7/17/2014	120000	µg/L	01_071314_13	
Sulfur Creek	Total Dissolved Solids	8/15/2014	330000	µg/L	01_081014_13	
Sulfur Creek	Total Dissolved Solids	9/4/2014	190000	µg/L	01_091414_13	
Sulfur Creek	Total Dissolved Solids	10/9/2014	290000	µg/L	01_101214_13	
Sulfur Creek	Total Suspended Solids	5/17/2014	23000	µg/L	01_051114_13	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Sulfur Creek	Total Suspended Solids	6/22/2014	< 5000	µg/L	01_060814_13	NOT DETECTED
Sulfur Creek	Total Suspended Solids	7/17/2014	33000	µg/L	01_071314_13	
Sulfur Creek	Total Suspended Solids	8/15/2014	< 5000	µg/L	01_081014_13	NOT DETECTED
Sulfur Creek	Total Suspended Solids	9/4/2014	< 5000	µg/L	01_091414_13	NOT DETECTED
Sulfur Creek	Total Suspended Solids	10/9/2014	< 5000	µg/L	01_101214_13	NOT DETECTED
Sulfur Creek	Zinc	5/17/2014	1000	µg/L	01_051114_13	
Sulfur Creek	Zinc	6/22/2014	130	µg/L	01_060814_13	
Sulfur Creek	Zinc	7/17/2014	338	µg/L	01_071314_13	
Sulfur Creek	Zinc	8/15/2014	127	µg/L	01_081014_13	
Sulfur Creek	Zinc	9/4/2014	179	µg/L	01_091414_13	
Sulfur Creek	Zinc	10/9/2014	217	µg/L	01_101214_13	
Upper Bons	Alkalinity (As CaC03)	5/9/2014	52000	µg/L	01_051114_07	
Upper Bons	Alkalinity (As CaC03)	5/22/2014	26000	µg/L	01_052514_07	
Upper Bons	Alkalinity (As CaC03)	6/13/2014	29000	µg/L	01_060814_07	
Upper Bons	Alkalinity (As CaC03)	6/27/2014	55000	µg/L	01_062214_07	
Upper Bons	Alkalinity (As CaC03)	7/10/2014	70000	µg/L	01_071314_07	
Upper Bons	Alkalinity (As CaC03)	7/24/2014	66400	µg/L	01_072714_07	
Upper Bons	Alkalinity (As CaC03)	8/15/2014	80000	µg/L	01_081014_07	
Upper Bons	Alkalinity (As CaC03)	8/25/2014	80400	µg/L	01_082414_07	
Upper Bons	Alkalinity (As CaC03)	9/4/2014	80400	µg/L	01_091414_07	
Upper Bons	Alkalinity (As CaC03)	9/11/2014	80800	µg/L	01_092814_07	
Upper Bons	Aluminum	5/9/2014	60	µg/L	01_051114_07	
Upper Bons	Aluminum	5/22/2014	62	µg/L	01_052514_07	
Upper Bons	Aluminum	6/13/2014	43	µg/L	01_060814_07	
Upper Bons	Aluminum	6/27/2014	11	µg/L	01_062214_07	
Upper Bons	Aluminum	7/10/2014	9	µg/L	01_071314_07	
Upper Bons	Aluminum	7/24/2014	13	µg/L	01_072714_07	
Upper Bons	Aluminum	8/15/2014	7	µg/L	01_081014_07	
Upper Bons	Aluminum	8/25/2014	7	µg/L	01_082414_07	
Upper Bons	Aluminum	9/4/2014	6	µg/L	01_091414_07	
Upper Bons	Aluminum	9/11/2014	6	µg/L	01_092814_07	
Upper Bons	Bicarbonate (As CaC03)	5/9/2014	52000	µg/L	01_051114_07	
Upper Bons	Bicarbonate (As CaC03)	5/22/2014	26000	µg/L	01_052514_07	
Upper Bons	Bicarbonate (As CaC03)	6/13/2014	29000	µg/L	01_060814_07	
Upper Bons	Bicarbonate (As CaC03)	6/27/2014	55000	µg/L	01_062214_07	
Upper Bons	Bicarbonate (As CaC03)	7/10/2014	70000	µg/L	01_071314_07	
Upper Bons	Bicarbonate (As CaC03)	7/24/2014	66400	µg/L	01_072714_07	
Upper Bons	Bicarbonate (As CaC03)	8/15/2014	80000	µg/L	01_081014_07	
Upper Bons	Bicarbonate (As CaC03)	8/25/2014	80400	µg/L	01_082414_07	
Upper Bons	Bicarbonate (As CaC03)	9/4/2014	80400	µg/L	01_091414_07	
Upper Bons	Bicarbonate (As CaC03)	9/11/2014	80800	µg/L	01_092814_07	
Upper Bons	Cadmium	5/9/2014	0.9	µg/L	01_051114_07	
Upper Bons	Cadmium	5/22/2014	0.8	µg/L	01_052514_07	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Upper Bons	Cadmium	6/13/2014	< 0.1	µg/L	01_060814_07	NOT DETECTED
Upper Bons	Cadmium	6/27/2014	< 0.1	µg/L	01_062214_07	NOT DETECTED
Upper Bons	Cadmium	7/10/2014	< 0.1	µg/L	01_071314_07	NOT DETECTED
Upper Bons	Cadmium	7/24/2014	< 0.1	µg/L	01_072714_07	NOT DETECTED
Upper Bons	Cadmium	8/15/2014	< 0.1	µg/L	01_081014_07	NOT DETECTED
Upper Bons	Cadmium	8/25/2014	< 0.1	µg/L	01_082414_07	NOT DETECTED
Upper Bons	Cadmium	9/4/2014	< 0.1	µg/L	01_091414_07	NOT DETECTED
Upper Bons	Cadmium	9/11/2014	< 0.1	µg/L	01_092814_07	NOT DETECTED
Upper Bons	Calcium	5/9/2014	18600	µg/L	01_051114_07	
Upper Bons	Calcium	5/22/2014	8900	µg/L	01_052514_07	
Upper Bons	Calcium	6/13/2014	8800	µg/L	01_060814_07	
Upper Bons	Calcium	6/27/2014	17200	µg/L	01_062214_07	
Upper Bons	Calcium	7/10/2014	22700	µg/L	01_071314_07	
Upper Bons	Calcium	7/24/2014	21200	µg/L	01_072714_07	
Upper Bons	Calcium	8/15/2014	27600	µg/L	01_081014_07	
Upper Bons	Calcium	8/25/2014	28900	µg/L	01_082414_07	
Upper Bons	Calcium	9/4/2014	27800	µg/L	01_091414_07	
Upper Bons	Calcium	9/11/2014	28100	µg/L	01_092814_07	
Upper Bons	Carbonate (AS CaCO3)	5/9/2014	< 2000	µg/L	01_051114_07	NOT DETECTED
Upper Bons	Carbonate (AS CaCO3)	5/22/2014	< 2000	µg/L	01_052514_07	NOT DETECTED
Upper Bons	Carbonate (AS CaCO3)	6/13/2014	< 2000	µg/L	01_060814_07	NOT DETECTED
Upper Bons	Carbonate (AS CaCO3)	6/27/2014	< 2000	µg/L	01_062214_07	NOT DETECTED
Upper Bons	Carbonate (AS CaCO3)	7/10/2014	< 2000	µg/L	01_071314_07	NOT DETECTED
Upper Bons	Carbonate (AS CaCO3)	7/24/2014	< 2000	µg/L	01_072714_07	NOT DETECTED
Upper Bons	Carbonate (AS CaCO3)	8/15/2014	< 2000	µg/L	01_081014_07	NOT DETECTED
Upper Bons	Carbonate (AS CaCO3)	8/25/2014	< 2000	µg/L	01_082414_07	NOT DETECTED
Upper Bons	Carbonate (AS CaCO3)	9/4/2014	< 2000	µg/L	01_091414_07	NOT DETECTED
Upper Bons	Carbonate (AS CaCO3)	9/11/2014	< 2000	µg/L	01_092814_07	NOT DETECTED
Upper Bons	Chloride	5/9/2014	850	µg/L	01_051114_07	BETWEEN MDL & PQL
Upper Bons	Chloride	5/22/2014	700	µg/L	01_052514_07	BETWEEN MDL & PQL
Upper Bons	Chloride	6/13/2014	540	µg/L	01_060814_07	BETWEEN MDL & PQL
Upper Bons	Chloride	6/27/2014	570	µg/L	01_062214_07	BETWEEN MDL & PQL
Upper Bons	Chloride	7/10/2014	< 500	µg/L	01_071314_07	NOT DETECTED
Upper Bons	Chloride	7/24/2014	< 500	µg/L	01_072714_07	NOT DETECTED
Upper Bons	Chloride	8/15/2014	< 500	µg/L	01_081014_07	NOT DETECTED
Upper Bons	Chloride	8/25/2014	< 500	µg/L	01_082414_07	NOT DETECTED
Upper Bons	Chloride	9/4/2014	< 500	µg/L	01_091414_07	NOT DETECTED
Upper Bons	Chloride	9/11/2014	< 500	µg/L	01_092814_07	NOT DETECTED
Upper Bons	Conductivity, Field	5/9/2014	65.0	uS/cm	01_051114_07	
Upper Bons	Conductivity, Field	5/22/2014	43.5	uS/cm	01_052514_07	
Upper Bons	Conductivity, Field	6/13/2014	44.9	uS/cm	01_060814_07	
Upper Bons	Conductivity, Field	6/27/2014	91.3	uS/cm	01_062214_07	
Upper Bons	Conductivity, Field	7/10/2014	129.8	uS/cm	01_071314_07	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Upper Bons	Conductivity, Field	7/24/2014	112.3	uS/cm	01_072714_07	
Upper Bons	Conductivity, Field	8/15/2014	145.9	uS/cm	01_081014_07	
Upper Bons	Conductivity, Field	8/25/2014	150.8	uS/cm	01_082414_07	
Upper Bons	Conductivity, Field	9/4/2014	138.5	uS/cm	01_091414_07	
Upper Bons	Conductivity, Field	9/11/2014	140.6	uS/cm	01_092814_07	
Upper Bons	Iron	5/9/2014	60	µg/L	01_051114_07	
Upper Bons	Iron	5/22/2014	50	µg/L	01_052514_07	
Upper Bons	Iron	6/13/2014	50	µg/L	01_060814_07	
Upper Bons	Iron	6/27/2014	< 20	µg/L	01_062214_07	NOT DETECTED
Upper Bons	Iron	7/10/2014	< 20	µg/L	01_071314_07	NOT DETECTED
Upper Bons	Iron	7/24/2014	< 20	µg/L	01_072714_07	NOT DETECTED
Upper Bons	Iron	8/15/2014	< 20	µg/L	01_081014_07	NOT DETECTED
Upper Bons	Iron	8/25/2014	< 20	µg/L	01_082414_07	NOT DETECTED
Upper Bons	Iron	9/4/2014	< 20	µg/L	01_091414_07	NOT DETECTED
Upper Bons	Iron	9/11/2014	< 20	µg/L	01_092814_07	NOT DETECTED
Upper Bons	Lead	5/9/2014	24.6	µg/L	01_051114_07	
Upper Bons	Lead	5/22/2014	25.0	µg/L	01_052514_07	
Upper Bons	Lead	6/13/2014	2.9	µg/L	01_060814_07	
Upper Bons	Lead	6/27/2014	0.4	µg/L	01_062214_07	BETWEEN MDL & PQL
Upper Bons	Lead	7/10/2014	0.4	µg/L	01_071314_07	BETWEEN MDL & PQL
Upper Bons	Lead	7/24/2014	0.5	µg/L	01_072714_07	
Upper Bons	Lead	8/15/2014	0.5	µg/L	01_081014_07	
Upper Bons	Lead	8/25/2014	0.3	µg/L	01_082414_07	BETWEEN MDL & PQL
Upper Bons	Lead	9/4/2014	0.2	µg/L	01_091414_07	BETWEEN MDL & PQL
Upper Bons	Lead	9/11/2014	0.3	µg/L	01_092814_07	BETWEEN MDL & PQL
Upper Bons	Magnesium	5/9/2014	7100	µg/L	01_051114_07	
Upper Bons	Magnesium	5/22/2014	3300	µg/L	01_052514_07	
Upper Bons	Magnesium	6/13/2014	3300	µg/L	01_060814_07	
Upper Bons	Magnesium	6/27/2014	6600	µg/L	01_062214_07	
Upper Bons	Magnesium	7/10/2014	8400	µg/L	01_071314_07	
Upper Bons	Magnesium	7/24/2014	8000	µg/L	01_072714_07	
Upper Bons	Magnesium	8/15/2014	10500	µg/L	01_081014_07	
Upper Bons	Magnesium	8/25/2014	10600	µg/L	01_082414_07	
Upper Bons	Magnesium	9/4/2014	10600	µg/L	01_091414_07	
Upper Bons	Magnesium	9/11/2014	10600	µg/L	01_092814_07	
Upper Bons	pH, Field	5/9/2014	7.48	pH Units	01_051114_07	
Upper Bons	pH, Field	5/22/2014	6.8	pH Units	01_052514_07	
Upper Bons	pH, Field	6/13/2014	7.23	pH Units	01_060814_07	
Upper Bons	pH, Field	6/27/2014	7.51	pH Units	01_062214_07	
Upper Bons	pH, Field	7/10/2014	7.53	pH Units	01_071314_07	
Upper Bons	pH, Field	7/24/2014	7.65	pH Units	01_072714_07	
Upper Bons	pH, Field	8/25/2014	7.79	pH Units	01_082414_07	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Upper Bons	pH, Field	8/15/2014	6.82	pH Units	01_081014_07	
Upper Bons	pH, Field	9/4/2014	7.65	pH Units	01_091414_07	
Upper Bons	pH, Field	9/11/2014	7.48	pH Units	01_092814_07	
Upper Bons	Potassium	5/9/2014	900	µg/L	01_051114_07	BETWEEN MDL & PQL
Upper Bons	Potassium	5/22/2014	1000	µg/L	01_052514_07	
Upper Bons	Potassium	6/13/2014	700	µg/L	01_060814_07	BETWEEN MDL & PQL
Upper Bons	Potassium	6/27/2014	500	µg/L	01_062214_07	BETWEEN MDL & PQL
Upper Bons	Potassium	7/10/2014	500	µg/L	01_071314_07	BETWEEN MDL & PQL
Upper Bons	Potassium	7/24/2014	500	µg/L	01_072714_07	BETWEEN MDL & PQL
Upper Bons	Potassium	8/15/2014	400	µg/L	01_081014_07	BETWEEN MDL & PQL
Upper Bons	Potassium	8/25/2014	500	µg/L	01_082414_07	BETWEEN MDL & PQL
Upper Bons	Potassium	9/4/2014	500	µg/L	01_091414_07	BETWEEN MDL & PQL
Upper Bons	Potassium	9/11/2014	500	µg/L	01_092814_07	BETWEEN MDL & PQL
Upper Bons	Selenium	5/9/2014	1.7	µg/L	01_051114_07	BETWEEN MDL & PQL
Upper Bons	Selenium	5/22/2014	< 1	µg/L	01_052514_07	NOT DETECTED
Upper Bons	Selenium	6/13/2014	< 1	µg/L	01_060814_07	NOT DETECTED
Upper Bons	Selenium	6/27/2014	< 1	µg/L	01_062214_07	NOT DETECTED
Upper Bons	Selenium	7/10/2014	1.1	µg/L	01_071314_07	BETWEEN MDL & PQL
Upper Bons	Selenium	7/24/2014	1.3	µg/L	01_072714_07	BETWEEN MDL & PQL
Upper Bons	Selenium	8/15/2014	1.5	µg/L	01_081014_07	BETWEEN MDL & PQL
Upper Bons	Selenium	8/25/2014	< 1	µg/L	01_082414_07	NOT DETECTED
Upper Bons	Selenium	9/4/2014	1.5	µg/L	01_091414_07	BETWEEN MDL & PQL
Upper Bons	Selenium	9/11/2014	1.7	µg/L	01_092814_07	BETWEEN MDL & PQL
Upper Bons	Sodium	5/9/2014	3000	µg/L	01_051114_07	
Upper Bons	Sodium	5/22/2014	1500	µg/L	01_052514_07	
Upper Bons	Sodium	6/13/2014	1600	µg/L	01_060814_07	
Upper Bons	Sodium	6/27/2014	2700	µg/L	01_062214_07	
Upper Bons	Sodium	7/10/2014	3500	µg/L	01_071314_07	
Upper Bons	Sodium	7/24/2014	3300	µg/L	01_072714_07	
Upper Bons	Sodium	8/15/2014	4200	µg/L	01_081014_07	
Upper Bons	Sodium	8/25/2014	4400	µg/L	01_082414_07	
Upper Bons	Sodium	9/4/2014	4000	µg/L	01_091414_07	
Upper Bons	Sodium	9/11/2014	4200	µg/L	01_092814_07	
Upper Bons	Sulfate	5/9/2014	30100	µg/L	01_051114_07	
Upper Bons	Sulfate	5/22/2014	12900	µg/L	01_052514_07	
Upper Bons	Sulfate	6/13/2014	9400	µg/L	01_060814_07	
Upper Bons	Sulfate	6/27/2014	24100	µg/L	01_062214_07	
Upper Bons	Sulfate	7/10/2014	32500	µg/L	01_071314_07	
Upper Bons	Sulfate	7/24/2014	27000	µg/L	01_072714_07	
Upper Bons	Sulfate	8/15/2014	40400	µg/L	01_081014_07	
Upper Bons	Sulfate	8/25/2014	43700	µg/L	01_082414_07	
Upper Bons	Sulfate	9/4/2014	40200	µg/L	01_091414_07	
Upper Bons	Sulfate	9/11/2014	41300	µg/L	01_092814_07	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Upper Bons	Temperature, Field	5/9/2014	-0.1	°C	01_051114_07	
Upper Bons	Temperature, Field	5/22/2014	-0.1	°C	01_052514_07	
Upper Bons	Temperature, Field	6/13/2014	1.2	°C	01_060814_07	
Upper Bons	Temperature, Field	6/27/2014	3.1	°C	01_062214_07	
Upper Bons	Temperature, Field	7/10/2014	6.6	°C	01_071314_07	
Upper Bons	Temperature, Field	7/24/2014	3.7	°C	01_072714_07	
Upper Bons	Temperature, Field	8/25/2014	5.8	°C	01_082414_07	
Upper Bons	Temperature, Field	8/15/2014	4.5	°C	01_081014_07	
Upper Bons	Temperature, Field	9/4/2014	2.5	°C	01_091414_07	
Upper Bons	Temperature, Field	9/11/2014	4.4	°C	01_092814_07	
Upper Bons	Total Dissolved Solids	5/9/2014	130000	µg/L	01_051114_07	
Upper Bons	Total Dissolved Solids	5/22/2014	70000	µg/L	01_052514_07	
Upper Bons	Total Dissolved Solids	6/13/2014	50000	µg/L	01_060814_07	
Upper Bons	Total Dissolved Solids	6/27/2014	90000	µg/L	01_062214_07	
Upper Bons	Total Dissolved Solids	7/10/2014	110000	µg/L	01_071314_07	
Upper Bons	Total Dissolved Solids	7/24/2014	80000	µg/L	01_072714_07	
Upper Bons	Total Dissolved Solids	8/15/2014	130000	µg/L	01_081014_07	
Upper Bons	Total Dissolved Solids	8/25/2014	130000	µg/L	01_082414_07	
Upper Bons	Total Dissolved Solids	9/4/2014	130000	µg/L	01_091414_07	
Upper Bons	Total Dissolved Solids	9/11/2014	140000	µg/L	01_092814_07	
Upper Bons	Total Suspended Solids	5/9/2014	< 5000	µg/L	01_051114_07	NOT DETECTED
Upper Bons	Total Suspended Solids	5/22/2014	< 5000	µg/L	01_052514_07	NOT DETECTED
Upper Bons	Total Suspended Solids	6/13/2014	< 5000	µg/L	01_060814_07	NOT DETECTED
Upper Bons	Total Suspended Solids	6/27/2014	< 5000	µg/L	01_062214_07	NOT DETECTED
Upper Bons	Total Suspended Solids	7/10/2014	< 5000	µg/L	01_071314_07	NOT DETECTED
Upper Bons	Total Suspended Solids	7/24/2014	< 5000	µg/L	01_072714_07	NOT DETECTED
Upper Bons	Total Suspended Solids	8/15/2014	< 5000	µg/L	01_081014_07	NOT DETECTED
Upper Bons	Total Suspended Solids	8/25/2014	< 5000	µg/L	01_082414_07	NOT DETECTED
Upper Bons	Total Suspended Solids	9/4/2014	< 5000	µg/L	01_091414_07	NOT DETECTED
Upper Bons	Total Suspended Solids	9/11/2014	< 5000	µg/L	01_092814_07	NOT DETECTED
Upper Bons	Zinc	5/9/2014	58	µg/L	01_051114_07	
Upper Bons	Zinc	5/22/2014	73	µg/L	01_052514_07	
Upper Bons	Zinc	6/13/2014	12	µg/L	01_060814_07	
Upper Bons	Zinc	6/27/2014	6	µg/L	01_062214_07	
Upper Bons	Zinc	7/10/2014	6	µg/L	01_071314_07	
Upper Bons	Zinc	7/24/2014	6	µg/L	01_072714_07	
Upper Bons	Zinc	8/15/2014	7	µg/L	01_081014_07	
Upper Bons	Zinc	8/25/2014	5	µg/L	01_082414_07	
Upper Bons	Zinc	9/4/2014	4	µg/L	01_091414_07	BETWEEN MDL & PQL
Upper Bons	Zinc	9/11/2014	7	µg/L	01_092814_07	

Appendix B: Mine Water Quality Sample Results for 4th Quarter 2014

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
East Sump	Acidity as CaCO3	1/17/2014	< 10	mg/L	02_010114_01	NOT DETECTED
East Sump	Aluminum, dissolved	1/17/2014	< 0.2	mg/L	02_010114_01	NOT DETECTED
East Sump	Ammonia (As N)	1/17/2014	0.6	mg/L	02_010114_01	
East Sump	Cadmium, dissolved	1/17/2014	0.0589	mg/L	02_010114_01	
East Sump	Calcium, dissolved	1/17/2014	476	mg/L	02_010114_01	
East Sump	Chloride	1/17/2014	< 25	mg/L	02_010114_01	NOT DETECTED
East Sump	Conductivity, Field	1/17/2014	2251	uS/cm	02_010114_01	
East Sump	Copper, dissolved	1/17/2014	< 0.003	mg/L	02_010114_01	NOT DETECTED
East Sump	Cyanide, WAD	1/17/2014	< 0.003	mg/L	02_010114_01	NOT DETECTED
East Sump	Iron, dissolved	1/17/2014	1.8	mg/L	02_010114_01	
East Sump	Lead, dissolved	1/17/2014	< 0.0005	mg/L	02_010114_01	NOT DETECTED
East Sump	Magnesium, dissolved	1/17/2014	440	mg/L	02_010114_01	
East Sump	Manganese, dissolved	1/17/2014	39	mg/L	02_010114_01	
East Sump	pH, Field	1/17/2014	6.13	pH Units	02_010114_01	
East Sump	Potassium, Dissolved	1/17/2014	4	mg/L	02_010114_01	BETWEEN MDL & PQL
East Sump	Selenium, dissolved	1/17/2014	< 0.0005	mg/L	02_010114_01	NOT DETECTED
East Sump	Selenium, dissolved	1/17/2014	< 0.001	mg/L	02_010114_01	NOT DETECTED
East Sump	Sodium, dissolved	1/17/2014	10	mg/L	02_010114_01	
East Sump	Sulfate	1/17/2014	2780	mg/L	02_010114_01	
East Sump	Temperature, Field	1/17/2014	0.9	°C	02_010114_01	
East Sump	Total Dissolved Solids	1/17/2014	4220	mg/L	02_010114_01	EXCEEDED HOLD TIME
East Sump	Zinc, dissolved	1/17/2014	31.1	mg/L	02_010114_01	
East Sump	Acidity as CaCO3	2/17/2014	< 10	mg/L	02_020114_01	NOT DETECTED
East Sump	Aluminum, dissolved	2/17/2014	< 0.03	mg/L	02_020114_01	NOT DETECTED
East Sump	Ammonia (As N)	2/17/2014	0.8	mg/L	02_020114_01	
East Sump	Cadmium, dissolved	2/17/2014	0.03	mg/L	02_020114_01	BETWEEN MDL & PQL
East Sump	Calcium, dissolved	2/17/2014	473	mg/L	02_020114_01	
East Sump	Chloride	2/17/2014	< 25	mg/L	02_020114_01	NOT DETECTED
East Sump	Conductivity, Field	2/17/2014	2129	uS/cm	02_020114_01	
East Sump	Copper, dissolved	2/17/2014	< 0.003	mg/L	02_020114_01	NOT DETECTED
East Sump	Cyanide, WAD	2/17/2014	< 0.003	mg/L	02_020114_01	NOT DETECTED
East Sump	Iron, dissolved	2/17/2014	7.60	mg/L	02_020114_01	
East Sump	Lead, dissolved	2/17/2014	< 0.0005	mg/L	02_020114_01	NOT DETECTED
East Sump	Magnesium, dissolved	2/17/2014	496	mg/L	02_020114_01	
East Sump	Manganese, dissolved	2/17/2014	35.3	mg/L	02_020114_01	
East Sump	pH, Field	2/17/2014	6.49	pH Units	02_020114_01	
East Sump	Potassium, Dissolved	2/17/2014	4	mg/L	02_020114_01	
East Sump	Selenium, dissolved	2/17/2014	< 0.0005	mg/L	02_020114_01	NOT DETECTED
East Sump	Selenium, dissolved	2/17/2014	< 0.001	mg/L	02_020114_01	NOT DETECTED
East Sump	Sodium, dissolved	2/17/2014	11.9	mg/L	02_020114_01	
East Sump	Sulfate	2/17/2014	2720	mg/L	02_020114_01	
East Sump	Temperature, Field	2/17/2014	0.2	°C	02_020114_01	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
East Sump	Total Dissolved Solids	2/17/2014	4210	mg/L	02_020114_01	
East Sump	Zinc, dissolved	2/17/2014	31	mg/L	02_020114_01	
East Sump	Acidity as CaCO3	3/10/2014	< 10	mg/L	02_030114_01	NOT DETECTED
East Sump	Acidity as CaCO3	3/10/2014	< 10	mg/L	02_030114_01	NOT DETECTED
East Sump	Aluminum, dissolved	3/10/2014	0.03	mg/L	02_030114_01	BETWEEN MDL & PQL
East Sump	Ammonia (As N)	3/10/2014	0.9	mg/L	02_030114_01	
East Sump	Ammonia (As N)	3/10/2014	0.9	mg/L	02_030114_01	
East Sump	Cadmium, dissolved	3/10/2014	0.0233	mg/L	02_030114_01	
East Sump	Calcium, dissolved	3/10/2014	518	mg/L	02_030114_01	
East Sump	Chloride	3/10/2014	< 25	mg/L	02_030114_01	NOT DETECTED
East Sump	Chloride	3/10/2014	< 25	mg/L	02_030114_01	NOT DETECTED
East Sump	Conductivity, Field	3/10/2014	2584.0	uS/cm	02_030114_01	
East Sump	Copper, dissolved	3/10/2014	< 0.003	mg/L	02_030114_01	NOT DETECTED
East Sump	Cyanide, WAD	3/10/2014	< 0.003	mg/L	02_030114_01	NOT DETECTED
East Sump	Cyanide, WAD	3/10/2014	< 0.003	mg/L	02_030114_01	NOT DETECTED
East Sump	Iron, dissolved	3/10/2014	13.80	mg/L	02_030114_01	
East Sump	Lead, dissolved	3/10/2014	< 0.0005	mg/L	02_030114_01	NOT DETECTED
East Sump	Magnesium, dissolved	3/10/2014	552	mg/L	02_030114_01	
East Sump	Manganese, dissolved	3/10/2014	19.7	mg/L	02_030114_01	
East Sump	pH, Field	3/10/2014	6.35	pH Units	02_030114_01	
East Sump	Potassium, Dissolved	3/10/2014	4	mg/L	02_030114_01	
East Sump	Selenium, dissolved	3/10/2014	< 0.02	mg/L	02_030114_01	NOT DETECTED
East Sump	Selenium, dissolved	3/10/2014	< 0.001	mg/L	02_030114_01	NOT DETECTED
East Sump	Sodium, dissolved	3/10/2014	10.7	mg/L	02_030114_01	
East Sump	Sulfate	3/10/2014	3030	mg/L	02_030114_01	
East Sump	Sulfate	3/10/2014	3030	mg/L	02_030114_01	
East Sump	Temperature, Field	3/10/2014	1.4	°C	02_030114_01	
East Sump	Total Dissolved Solids	3/10/2014	4330	mg/L	02_030114_01	
East Sump	Total Dissolved Solids	3/10/2014	4330	mg/L	02_030114_01	
East Sump	Zinc, dissolved	3/10/2014	29.3	mg/L	02_030114_01	
East Sump	Acidity as CaCO3	4/10/2014	< 10	mg/L	02_040114_01	NOT DETECTED
East Sump	Aluminum, dissolved	4/10/2014	< 0.03	mg/L	02_040114_01	NOT DETECTED
East Sump	Ammonia (As N)	4/10/2014	0.8	mg/L	02_040114_01	
East Sump	Cadmium, dissolved	4/10/2014	0.0101	mg/L	02_040114_01	
East Sump	Calcium, dissolved	4/10/2014	479	mg/L	02_040114_01	
East Sump	Chloride	4/10/2014	< 25	mg/L	02_040114_01	NOT DETECTED
East Sump	Conductivity, Field	4/10/2014	2036	uS/cm	02_040114_01	
East Sump	Copper, dissolved	4/10/2014	< 0.003	mg/L	02_040114_01	NOT DETECTED
East Sump	Cyanide, WAD	4/10/2014	< 0.003	mg/L	02_040114_01	NOT DETECTED
East Sump	Iron, dissolved	4/10/2014	4.18	mg/L	02_040114_01	
East Sump	Lead, dissolved	4/10/2014	< 0.0005	mg/L	02_040114_01	NOT DETECTED
East Sump	Magnesium, dissolved	4/10/2014	496	mg/L	02_040114_01	
East Sump	Manganese, dissolved	4/10/2014	24	mg/L	02_040114_01	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
East Sump	pH, Field	4/10/2014	6.58	pH Units	02_040114_01	
East Sump	Potassium, Dissolved	4/10/2014	3.7	mg/L	02_040114_01	
East Sump	Selenium, dissolved	4/10/2014	< 0.02	mg/L	02_040114_01	NOT DETECTED
East Sump	Selenium, dissolved	4/10/2014	< 0.001	mg/L	02_040114_01	NOT DETECTED
East Sump	Sodium, dissolved	4/10/2014	10.2	mg/L	02_040114_01	
East Sump	Sulfate	4/10/2014	2850	mg/L	02_040114_01	
East Sump	Temperature, Field	4/10/2014	1.0	°C	02_040114_01	
East Sump	Total Dissolved Solids	4/10/2014	4240	mg/L	02_040114_01	EXCEEDED HOLD TIME
East Sump	Zinc, dissolved	4/10/2014	16.6	mg/L	02_040114_01	
East Sump	Acidity as CaCO3	5/9/2014	< 10	mg/L	02_050114_01	NOT DETECTED
East Sump	Aluminum, dissolved	5/9/2014	< 0.03	mg/L	02_050114_01	NOT DETECTED
East Sump	Ammonia (As N)	5/9/2014	0.2	mg/L	02_050114_01	BETWEEN MDL & PQL
East Sump	Cadmium, dissolved	5/9/2014	0.0144	mg/L	02_050114_01	
East Sump	Calcium, dissolved	5/9/2014	124	mg/L	02_050114_01	
East Sump	Chloride	5/9/2014	< 10	mg/L	02_050114_01	NOT DETECTED
East Sump	Conductivity, Field	5/9/2014	688	uS/cm	02_050114_01	
East Sump	Copper, dissolved	5/9/2014	0.0006	mg/L	02_050114_01	BETWEEN MDL & PQL
East Sump	Cyanide, WAD	5/9/2014	< 0.003	mg/L	02_050114_01	NOT DETECTED
East Sump	Iron, dissolved	5/9/2014	0.25	mg/L	02_050114_01	
East Sump	Lead, dissolved	5/9/2014	0.0016	mg/L	02_050114_01	
East Sump	Magnesium, dissolved	5/9/2014	83.8	mg/L	02_050114_01	
East Sump	Manganese, dissolved	5/9/2014	5.040	mg/L	02_050114_01	
East Sump	pH, Field	5/9/2014	6.32	pH Units	02_050114_01	
East Sump	Potassium, Dissolved	5/9/2014	1.9	mg/L	02_050114_01	
East Sump	Selenium, dissolved	5/9/2014	0.0024	mg/L	02_050114_01	
East Sump	Selenium, dissolved	5/9/2014	0.0010	mg/L	02_050114_01	BETWEEN MDL & PQL
East Sump	Sodium, dissolved	5/9/2014	3.2	mg/L	02_050114_01	
East Sump	Sulfate	5/9/2014	541	mg/L	02_050114_01	
East Sump	Temperature, Field	5/9/2014	0.8	°C	02_050114_01	
East Sump	Total Dissolved Solids	5/9/2014	890	mg/L	02_050114_01	
East Sump	Zinc, dissolved	5/9/2014	3.11	mg/L	02_050114_01	
East Sump	Acidity as CaCO3	6/6/2014	< 10	mg/L	02_060114_01	NOT DETECTED
East Sump	Aluminum, dissolved	6/6/2014	< 0.03	mg/L	02_060114_01	NOT DETECTED
East Sump	Ammonia (As N)	6/6/2014	0.3	mg/L	02_060114_01	BETWEEN MDL & PQL
East Sump	Cadmium, dissolved	6/6/2014	0.0092	mg/L	02_060114_01	
East Sump	Calcium, dissolved	6/6/2014	204	mg/L	02_060114_01	
East Sump	Chloride	6/6/2014	< 10	mg/L	02_060114_01	NOT DETECTED
East Sump	Conductivity, Field	6/6/2014	999.0	uS/cm	02_060114_01	
East Sump	Copper, dissolved	6/6/2014	0.0011	mg/L	02_060114_01	BETWEEN MDL & PQL
East Sump	Cyanide, WAD	6/6/2014	< 0.003	mg/L	02_060114_01	NOT DETECTED
East Sump	Iron, dissolved	6/6/2014	0.20	mg/L	02_060114_01	
East Sump	Lead, dissolved	6/6/2014	0.0009	mg/L	02_060114_01	
East Sump	Magnesium, dissolved	6/6/2014	152	mg/L	02_060114_01	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
East Sump	Manganese, dissolved	6/6/2014	4.830	mg/L	02_060114_01	
East Sump	pH, Field	6/6/2014	7.06	pH Units	02_060114_01	
East Sump	Potassium, Dissolved	6/6/2014	2.3	mg/L	02_060114_01	
East Sump	Selenium, dissolved	6/6/2014	0.0011	mg/L	02_060114_01	
East Sump	Selenium, dissolved	6/6/2014	< 0.001	mg/L	02_060114_01	NOT DETECTED
East Sump	Sodium, dissolved	6/6/2014	3.9	mg/L	02_060114_01	
East Sump	Sulfate	6/6/2014	988	mg/L	02_060114_01	
East Sump	Temperature, Field	6/6/2014	1.7	°C	02_060114_01	
East Sump	Total Dissolved Solids	6/6/2014	1510	mg/L	02_060114_01	
East Sump	Zinc, dissolved	6/6/2014	11.80	mg/L	02_060114_01	
East Sump	Acidity as CaCO3	7/25/2014	< 10	mg/L	02_070114_01	NOT DETECTED
East Sump	Aluminum, dissolved	7/25/2014	0.07	mg/L	02_070114_01	BETWEEN MDL & PQL
East Sump	Ammonia (As N)	7/25/2014	0.2	mg/L	02_070114_01	BETWEEN MDL & PQL
East Sump	Cadmium, dissolved	7/25/2014	0.0061	mg/L	02_070114_01	
East Sump	Calcium, dissolved	7/25/2014	325	mg/L	02_070114_01	
East Sump	Chloride	7/25/2014	< 25	mg/L	02_070114_01	NOT DETECTED
East Sump	Conductivity, Field	7/25/2014	1867	uS/cm	02_070114_01	
East Sump	Copper, dissolved	7/25/2014	0.001	mg/L	02_070114_01	BETWEEN MDL & PQL
East Sump	Cyanide, WAD	7/25/2014	< 0.003	mg/L	02_070114_01	NOT DETECTED
East Sump	Iron, dissolved	7/25/2014	0.63	mg/L	02_070114_01	
East Sump	Lead, dissolved	7/25/2014	< 0.0002	mg/L	02_070114_01	NOT DETECTED
East Sump	Magnesium, dissolved	7/25/2014	306	mg/L	02_070114_01	
East Sump	Manganese, dissolved	7/25/2014	2.39	mg/L	02_070114_01	
East Sump	pH, Field	7/25/2014	6.73	pH Units	02_070114_01	
East Sump	Potassium, Dissolved	7/25/2014	2.8	mg/L	02_070114_01	
East Sump	Selenium, dissolved	7/25/2014	< 0.0002	mg/L	02_070114_01	NOT DETECTED
East Sump	Selenium, dissolved	7/25/2014	< 0.001	mg/L	02_070114_01	NOT DETECTED
East Sump	Sodium, dissolved	7/25/2014	7	mg/L	02_070114_01	
East Sump	Sulfate	7/25/2014	1730	mg/L	02_070114_01	
East Sump	Temperature, Field	7/25/2014	6.4	°C	02_070114_01	
East Sump	Total Dissolved Solids	7/25/2014	2780	mg/L	02_070114_01	EXCEEDED HOLD TIME
East Sump	Zinc, dissolved	7/25/2014	6.28	mg/L	02_070114_01	
East Sump	Acidity as CaCO3	8/1/2014	< 10	mg/L	02_080114_01	NOT DETECTED
East Sump	Aluminum, dissolved	8/1/2014	< 0.06	mg/L	02_080114_01	NOT DETECTED
East Sump	Ammonia (As N)	8/1/2014	0.1	mg/L	02_080114_01	BETWEEN MDL & PQL
East Sump	Cadmium, dissolved	8/1/2014	0.0064	mg/L	02_080114_01	
East Sump	Calcium, dissolved	8/1/2014	335	mg/L	02_080114_01	
East Sump	Chloride	8/1/2014	< 25	mg/L	02_080114_01	NOT DETECTED
East Sump	Conductivity, Field	8/1/2014	2191	uS/cm	02_080114_01	
East Sump	Copper, dissolved	8/1/2014	< 0.001	mg/L	02_080114_01	NOT DETECTED
East Sump	Cyanide, WAD	8/1/2014	< 0.003	mg/L	02_080114_01	NOT DETECTED
East Sump	Iron, dissolved	8/1/2014	0.94	mg/L	02_080114_01	
East Sump	Lead, dissolved	8/1/2014	0.0002	mg/L	02_080114_01	BETWEEN MDL & PQL

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
East Sump	Magnesium, dissolved	8/1/2014	318	mg/L	02_080114_01	
East Sump	Manganese, dissolved	8/1/2014	2.45	mg/L	02_080114_01	
East Sump	pH, Field	8/1/2014	6.85	pH Units	02_080114_01	
East Sump	Potassium, Dissolved	8/1/2014	2.9	mg/L	02_080114_01	
East Sump	Selenium, dissolved	8/1/2014	< 0.0002	mg/L	02_080114_01	NOT DETECTED
East Sump	Selenium, dissolved	8/1/2014	< 0.001	mg/L	02_080114_01	NOT DETECTED
East Sump	Sodium, dissolved	8/1/2014	7.3	mg/L	02_080114_01	
East Sump	Sulfate	8/1/2014	1830	mg/L	02_080114_01	
East Sump	Temperature, Field	8/1/2014	10.5	°C	02_080114_01	
East Sump	Total Dissolved Solids	8/1/2014	2920	mg/L	02_080114_01	
East Sump	Zinc, dissolved	8/1/2014	4.86	mg/L	02_080114_01	
East Sump	Acidity as CaCO3	9/25/2014	< 10	mg/L	02_090114_01	NOT DETECTED
East Sump	Aluminum, dissolved	9/25/2014	< 0.03	mg/L	02_090114_01	NOT DETECTED
East Sump	Ammonia (As N)	9/25/2014	< 0.1	mg/L	02_090114_01	NOT DETECTED
East Sump	Cadmium, dissolved	9/25/2014	0.0024	mg/L	02_090114_01	BETWEEN MDL & PQL
East Sump	Calcium, dissolved	9/25/2014	280	mg/L	02_090114_01	
East Sump	Chloride	9/25/2014	< 25	mg/L	02_090114_01	NOT DETECTED
East Sump	Conductivity, Field	9/25/2014	1438	uS/cm	02_090114_01	
East Sump	Copper, dissolved	9/25/2014	< 0.001	mg/L	02_090114_01	NOT DETECTED
East Sump	Cyanide, WAD	9/25/2014	< 0.003	mg/L	02_090114_01	NOT DETECTED
East Sump	Iron, dissolved	9/25/2014	0.19	mg/L	02_090114_01	
East Sump	Lead, dissolved	9/25/2014	0.0009	mg/L	02_090114_01	BETWEEN MDL & PQL
East Sump	Magnesium, dissolved	9/25/2014	275	mg/L	02_090114_01	
East Sump	Manganese, dissolved	9/25/2014	0.683	mg/L	02_090114_01	
East Sump	pH, Field	9/25/2014	6.94	pH Units	02_090114_01	
East Sump	Potassium, Dissolved	9/25/2014	2.4	mg/L	02_090114_01	
East Sump	Selenium, dissolved	9/25/2014	0.0007	mg/L	02_090114_01	
East Sump	Selenium, dissolved	9/25/2014	< 0.001	mg/L	02_090114_01	NOT DETECTED
East Sump	Sodium, dissolved	9/25/2014	6.5	mg/L	02_090114_01	
East Sump	Sulfate	9/25/2014	1690	mg/L	02_090114_01	
East Sump	Temperature, Field	9/25/2014	2.5	°C	02_090114_01	
East Sump	Total Dissolved Solids	9/25/2014	2370	mg/L	02_090114_01	
East Sump	Zinc, dissolved	9/25/2014	3.09	mg/L	02_090114_01	
East Sump	Acidity as CaCO3	10/17/2014	< 10	mg/L	02_100114_01	NOT DETECTED
East Sump	Aluminum, dissolved	10/17/2014	< 0.03	mg/L	02_100114_01	NOT DETECTED
East Sump	Ammonia (As N)	10/17/2014	< 0.1	mg/L	02_100114_01	NOT DETECTED
East Sump	Cadmium, dissolved	10/17/2014	0.0068	mg/L	02_100114_01	
East Sump	Calcium, dissolved	10/17/2014	454	mg/L	02_100114_01	
East Sump	Chloride	10/17/2014	< 25	mg/L	02_100114_01	NOT DETECTED
East Sump	Conductivity, Field	10/17/2014	2149	uS/cm	02_100114_01	
East Sump	Copper, dissolved	10/17/2014	0.002	mg/L	02_100114_01	BETWEEN MDL & PQL
East Sump	Cyanide, WAD	10/17/2014	< 0.003	mg/L	02_100114_01	NOT DETECTED
East Sump	Iron, dissolved	10/17/2014	0.60	mg/L	02_100114_01	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
East Sump	Lead, dissolved	10/17/2014	< 0.0002	mg/L	02_100114_01	NOT DETECTED
East Sump	Magnesium, dissolved	10/17/2014	465	mg/L	02_100114_01	
East Sump	Manganese, dissolved	10/17/2014	2.160	mg/L	02_100114_01	
East Sump	pH, Field	10/17/2014	6.84	pH Units	02_100114_01	
East Sump	Potassium, Dissolved	10/17/2014	3.2	mg/L	02_100114_01	
East Sump	Selenium, dissolved	10/17/2014	0.0005	mg/L	02_100114_01	
East Sump	Selenium, dissolved	10/17/2014	< 0.001	mg/L	02_100114_01	NOT DETECTED
East Sump	Sodium, dissolved	10/17/2014	9.1	mg/L	02_100114_01	
East Sump	Sulfate	10/17/2014	2310	mg/L	02_100114_01	
East Sump	Temperature, Field	10/17/2014	2.4	°C	02_100114_01	
East Sump	Total Dissolved Solids	10/17/2014	3860	mg/L	02_100114_01	
East Sump	Zinc, dissolved	10/17/2014	11.50	mg/L	02_100114_01	
East Sump	Acidity as CaCO3	11/3/2014	< 10	mg/L	02_110114_01	NOT DETECTED
East Sump	Aluminum, dissolved	11/3/2014	< 0.03	mg/L	02_110114_01	NOT DETECTED
East Sump	Ammonia (As N)	11/3/2014	0.3	mg/L	02_110114_01	BETWEEN MDL & PQL
East Sump	Cadmium, dissolved	11/3/2014	0.0059	mg/L	02_110114_01	
East Sump	Calcium, dissolved	11/3/2014	453	mg/L	02_110114_01	
East Sump	Chloride	11/3/2014	< 25	mg/L	02_110114_01	NOT DETECTED
East Sump	Conductivity, Field	11/3/2014	158	uS/cm	02_110114_01	
East Sump	Copper, dissolved	11/3/2014	0.001	mg/L	02_110114_01	BETWEEN MDL & PQL
East Sump	Cyanide, WAD	11/3/2014	< 0.003	mg/L	02_110114_01	NOT DETECTED
East Sump	Iron, dissolved	11/3/2014	2.43	mg/L	02_110114_01	
East Sump	Lead, dissolved	11/3/2014	< 0.0002	mg/L	02_110114_01	NOT DETECTED
East Sump	Magnesium, dissolved	11/3/2014	442	mg/L	02_110114_01	
East Sump	Manganese, dissolved	11/3/2014	8.950	mg/L	02_110114_01	
East Sump	pH, Field	11/3/2014	6.59	pH Units	02_110114_01	
East Sump	Potassium, Dissolved	11/3/2014	3.4	mg/L	02_110114_01	
East Sump	Selenium, dissolved	11/3/2014	0.0003	mg/L	02_110114_01	BETWEEN MDL & PQL
East Sump	Selenium, dissolved	11/3/2014	< 0.001	mg/L	02_110114_01	NOT DETECTED
East Sump	Sodium, dissolved	11/3/2014	8.6	mg/L	02_110114_01	
East Sump	Sulfate	11/3/2014	1800	mg/L	02_110114_01	
East Sump	Temperature, Field	11/3/2014	0.4	°C	02_110114_01	
East Sump	Total Dissolved Solids	11/3/2014	3860	mg/L	02_110114_01	
East Sump	Zinc, dissolved	11/3/2014	18.50	mg/L	02_110114_01	
East Sump	Acidity as CaCO3	12/4/2014	< 10	mg/L	02_120114_01	NOT DETECTED
East Sump	Aluminum, dissolved	12/4/2014	0.05	mg/L	02_120114_01	BETWEEN MDL & PQL
East Sump	Ammonia (As N)	12/4/2014	0.5	mg/L	02_120114_01	
East Sump	Cadmium, dissolved	12/4/2014	0.0085	mg/L	02_120114_01	
East Sump	Calcium, dissolved	12/4/2014	449	mg/L	02_120114_01	
East Sump	Chloride	12/4/2014	< 25	mg/L	02_120114_01	NOT DETECTED
East Sump	Conductivity, Field	12/4/2014	2095	uS/cm	02_120114_01	
East Sump	Copper, dissolved	12/4/2014	0.0017	mg/L	02_120114_01	BETWEEN MDL & PQL
East Sump	Cyanide, WAD	12/4/2014	< 0.003	mg/L	02_120114_01	NOT DETECTED

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
East Sump	Iron, dissolved	12/4/2014	2.26	mg/L	02_120114_01	
East Sump	Lead, dissolved	12/4/2014	< 0.0001	mg/L	02_120114_01	NOT DETECTED
East Sump	Magnesium, dissolved	12/4/2014	431	mg/L	02_120114_01	
East Sump	Manganese, dissolved	12/4/2014	13.50	mg/L	02_120114_01	
East Sump	pH, Field	12/4/2014	6.63	pH Units	02_120114_01	
East Sump	Potassium, Dissolved	12/4/2014	3.4	mg/L	02_120114_01	
East Sump	Selenium, dissolved	12/4/2014	0.0003	mg/L	02_120114_01	
East Sump	Selenium, dissolved	12/4/2014	< 0.001	mg/L	02_120114_01	NOT DETECTED
East Sump	Sodium, dissolved	12/4/2014	8.3	mg/L	02_120114_01	
East Sump	Sulfate	12/4/2014	2550	mg/L	02_120114_01	
East Sump	Temperature, Field	12/4/2014	1.3	°C	02_120114_01	
East Sump	Total Dissolved Solids	12/4/2014	3850	mg/L	02_120114_01	
East Sump	Zinc, dissolved	12/4/2014	21.60	mg/L	02_120114_01	
Main Pit Lk Discharge	Acidity as CaCO3	12/26/2014	1510	mg/L	14-209	
Main Pit Lk Discharge	Alkalinity (As CaC03)	12/26/2014	47.1	mg/L	14-209	
Main Pit Lk Discharge	Aluminum, dissolved	12/26/2014	2.8	mg/L	14-209	
Main Pit Lk Discharge	Ammonia (As N)	12/26/2014	5.1	mg/L	14-209	
Main Pit Lk Discharge	Bicarbonate (As CaC03)	12/26/2014	47.1	mg/L	14-209	
Main Pit Lk Discharge	Cadmium, dissolved	12/26/2014	7.1	mg/L	14-209	
Main Pit Lk Discharge	Calcium, dissolved	12/26/2014	549	mg/L	14-209	
Main Pit Lk Discharge	Carbonate (AS CaCO3)	12/26/2014	<2	mg/L	14-209	NOT DETECTED
Main Pit Lk Discharge	Chloride	12/26/2014	<25	mg/L	14-209	NOT DETECTED
Main Pit Lk Discharge	Conductivity, Field	12/26/2014	2427	uS/cm	14-209	
Main Pit Lk Discharge	Copper, dissolved	12/26/2014	<0.003	mg/L	14-209	NOT DETECTED
Main Pit Lk Discharge	Hydroxide as CaCO3	12/26/2014	<2	mg/L	14-209	NOT DETECTED
Main Pit Lk Discharge	Iron, dissolved	12/26/2014	152	mg/L	14-209	
Main Pit Lk Discharge	Lead, dissolved	12/26/2014	0.1657	mg/L	14-209	
Main Pit Lk Discharge	Magnesium, dissolved	12/26/2014	214	mg/L	14-209	
Main Pit Lk Discharge	Manganese, dissolved	12/26/2014	50	mg/L	14-209	
Main Pit Lk Discharge	ORP, Field	12/26/2014	50.3	mV	14-209	
Main Pit Lk Discharge	pH, Field	12/26/2014	5.63	pH Units	14-209	
Main Pit Lk Discharge	Potassium, Dissolved	12/26/2014	7.6	mg/L	14-209	
Main Pit Lk Discharge	Selenium, dissolved	12/26/2014	0.0126	mg/L	14-209	
Main Pit Lk Discharge	Selenium, dissolved	12/26/2014	0.008	mg/L	14-209	
Main Pit Lk Discharge	Sodium, dissolved	12/26/2014	60.5	mg/L	14-209	
Main Pit Lk Discharge	Sulfate	12/26/2014	4550	mg/L	14-209	
Main Pit Lk Discharge	Temperature, Field	12/26/2014	0.3	°C	14-209	
Main Pit Lk Discharge	Total Dissolved Solids	12/26/2014	6950	mg/L	14-209	
Main Pit Lk Discharge	Zinc, dissolved	12/26/2014	867	mg/L	14-209	
Mine Sump	Acidity as CaCO3	1/17/2014	4300	mg/L	02_010114_02	
Mine Sump	Aluminum, dissolved	1/17/2014	35.3	mg/L	02_010114_02	
Mine Sump	Ammonia (As N)	1/17/2014	2	mg/L	02_010114_02	BETWEEN MDL & PQL
Mine Sump	Cadmium, dissolved	1/17/2014	14.2	mg/L	02_010114_02	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Mine Sump	Calcium, dissolved	1/17/2014	458	mg/L	02_010114_02	
Mine Sump	Chloride	1/17/2014	< 50	mg/L	02_010114_02	NOT DETECTED
Mine Sump	Conductivity, Field	1/17/2014	4459	uS/cm	02_010114_02	
Mine Sump	Copper, dissolved	1/17/2014	0.062	mg/L	02_010114_02	
Mine Sump	Iron, dissolved	1/17/2014	764	mg/L	02_010114_02	
Mine Sump	Lead, dissolved	1/17/2014	1.2000	mg/L	02_010114_02	
Mine Sump	Magnesium, dissolved	1/17/2014	394	mg/L	02_010114_02	
Mine Sump	Manganese, dissolved	1/17/2014	61	mg/L	02_010114_02	
Mine Sump	pH, Field	1/17/2014	5.09	pH Units	02_010114_02	
Mine Sump	Potassium, Dissolved	1/17/2014	4	mg/L	02_010114_02	BETWEEN MDL & PQL
Mine Sump	Selenium, dissolved	1/17/2014	0.0007	mg/L	02_010114_02	BETWEEN MDL & PQL
Mine Sump	Selenium, dissolved	1/17/2014	< 0.005	mg/L	02_010114_02	NOT DETECTED
Mine Sump	Sodium, dissolved	1/17/2014	13	mg/L	02_010114_02	
Mine Sump	Sulfate	1/17/2014	8380	mg/L	02_010114_02	
Mine Sump	Temperature, Field	1/17/2014	0.4	°C	02_010114_02	
Mine Sump	Total Dissolved Solids	1/17/2014	9910	mg/L	02_010114_02	EXCEEDED HOLD TIME
Mine Sump	Zinc, dissolved	1/17/2014	2160	mg/L	02_010114_02	
Mine Sump	Acidity as CaCO3	2/17/2014	1430	mg/L	02_020114_02	
Mine Sump	Aluminum, dissolved	2/17/2014	11.30	mg/L	02_020114_02	
Mine Sump	Ammonia (As N)	2/17/2014	1	mg/L	02_020114_02	BETWEEN MDL & PQL
Mine Sump	Cadmium, dissolved	2/17/2014	10.1	mg/L	02_020114_02	
Mine Sump	Calcium, dissolved	2/17/2014	378	mg/L	02_020114_02	
Mine Sump	Chloride	2/17/2014	< 250	mg/L	02_020114_02	NOT DETECTED
Mine Sump	Conductivity, Field	2/17/2014	3550	uS/cm	02_020114_02	
Mine Sump	Copper, dissolved	2/17/2014	0.0222	mg/L	02_020114_02	
Mine Sump	Iron, dissolved	2/17/2014	452	mg/L	02_020114_02	
Mine Sump	Lead, dissolved	2/17/2014	0.4870	mg/L	02_020114_02	
Mine Sump	Magnesium, dissolved	2/17/2014	268	mg/L	02_020114_02	
Mine Sump	Manganese, dissolved	2/17/2014	47.4	mg/L	02_020114_02	
Mine Sump	pH, Field	2/17/2014	5.19	pH Units	02_020114_02	
Mine Sump	Potassium, Dissolved	2/17/2014	2.6	mg/L	02_020114_02	
Mine Sump	Selenium, dissolved	2/17/2014	0.0002	mg/L	02_020114_02	BETWEEN MDL & PQL
Mine Sump	Selenium, dissolved	2/17/2014	< 0.002	mg/L	02_020114_02	NOT DETECTED
Mine Sump	Sodium, dissolved	2/17/2014	11.2	mg/L	02_020114_02	
Mine Sump	Sulfate	2/17/2014	5810	mg/L	02_020114_02	
Mine Sump	Temperature, Field	2/17/2014	0.1	°C	02_020114_02	
Mine Sump	Total Dissolved Solids	2/17/2014	9120	mg/L	02_020114_02	EXCEEDED HOLD TIME
Mine Sump	Zinc, dissolved	2/17/2014	1330	mg/L	02_020114_02	
Mine Sump	Acidity as CaCO3	3/10/2014	2920	mg/L	02_030114_02	
Mine Sump	Acidity as CaCO3	3/10/2014	2920	mg/L	02_030114_02	
Mine Sump	Aluminum, dissolved	3/10/2014	12.70	mg/L	02_030114_02	
Mine Sump	Ammonia (As N)	3/10/2014	2	mg/L	02_030114_02	BETWEEN MDL & PQL
Mine Sump	Ammonia (As N)	3/10/2014	2	mg/L	02_030114_02	BETWEEN MDL & PQL

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Mine Sump	Cadmium, dissolved	3/10/2014	9.5	mg/L	02_030114_02	
Mine Sump	Calcium, dissolved	3/10/2014	346	mg/L	02_030114_02	
Mine Sump	Chloride	3/10/2014	< 250	mg/L	02_030114_02	NOT DETECTED
Mine Sump	Chloride	3/10/2014	< 250	mg/L	02_030114_02	NOT DETECTED
Mine Sump	Conductivity, Field	3/10/2014	3659.0	uS/cm	02_030114_02	
Mine Sump	Copper, dissolved	3/10/2014	0.015	mg/L	02_030114_02	
Mine Sump	Iron, dissolved	3/10/2014	627	mg/L	02_030114_02	
Mine Sump	Lead, dissolved	3/10/2014	0.6825	mg/L	02_030114_02	
Mine Sump	Magnesium, dissolved	3/10/2014	256	mg/L	02_030114_02	
Mine Sump	Manganese, dissolved	3/10/2014	48	mg/L	02_030114_02	
Mine Sump	pH, Field	3/10/2014	5.18	pH Units	02_030114_02	
Mine Sump	Potassium, Dissolved	3/10/2014	2.5	mg/L	02_030114_02	
Mine Sump	Selenium, dissolved	3/10/2014	< 0.2	mg/L	02_030114_02	NOT DETECTED
Mine Sump	Selenium, dissolved	3/10/2014	< 0.005	mg/L	02_030114_02	NOT DETECTED
Mine Sump	Sodium, dissolved	3/10/2014	9.6	mg/L	02_030114_02	
Mine Sump	Sulfate	3/10/2014	6270	mg/L	02_030114_02	
Mine Sump	Sulfate	3/10/2014	6270	mg/L	02_030114_02	
Mine Sump	Temperature, Field	3/10/2014	1.2	°C	02_030114_02	
Mine Sump	Total Dissolved Solids	3/10/2014	8640	mg/L	02_030114_02	
Mine Sump	Total Dissolved Solids	3/10/2014	8640	mg/L	02_030114_02	
Mine Sump	Zinc, dissolved	3/10/2014	1470	mg/L	02_030114_02	
Mine Sump	Acidity as CaCO3	4/10/2014	1050	mg/L	02_040114_02	
Mine Sump	Aluminum, dissolved	4/10/2014	1.85	mg/L	02_040114_02	
Mine Sump	Ammonia (As N)	4/10/2014	0.5	mg/L	02_040114_02	
Mine Sump	Cadmium, dissolved	4/10/2014	3.8	mg/L	02_040114_02	
Mine Sump	Calcium, dissolved	4/10/2014	397	mg/L	02_040114_02	
Mine Sump	Chloride	4/10/2014	< 50	mg/L	02_040114_02	NOT DETECTED
Mine Sump	Conductivity, Field	4/10/2014	1957	uS/cm	02_040114_02	
Mine Sump	Copper, dissolved	4/10/2014	< 0.003	mg/L	02_040114_02	NOT DETECTED
Mine Sump	Iron, dissolved	4/10/2014	137	mg/L	02_040114_02	
Mine Sump	Lead, dissolved	4/10/2014	0.2307	mg/L	02_040114_02	
Mine Sump	Magnesium, dissolved	4/10/2014	188	mg/L	02_040114_02	
Mine Sump	Manganese, dissolved	4/10/2014	28	mg/L	02_040114_02	
Mine Sump	pH, Field	4/10/2014	5.91	pH Units	02_040114_02	
Mine Sump	Potassium, Dissolved	4/10/2014	2.4	mg/L	02_040114_02	
Mine Sump	Selenium, dissolved	4/10/2014	< 0.0005	mg/L	02_040114_02	NOT DETECTED
Mine Sump	Selenium, dissolved	4/10/2014	< 0.002	mg/L	02_040114_02	NOT DETECTED
Mine Sump	Sodium, dissolved	4/10/2014	11.6	mg/L	02_040114_02	
Mine Sump	Sulfate	4/10/2014	3140	mg/L	02_040114_02	
Mine Sump	Temperature, Field	4/10/2014	1.1	°C	02_040114_02	
Mine Sump	Total Dissolved Solids	4/10/2014	5020	mg/L	02_040114_02	EXCEEDED HOLD TIME
Mine Sump	Zinc, dissolved	4/10/2014	701	mg/L	02_040114_02	
Mine Sump	Acidity as CaCO3	5/8/2014	4800	mg/L	02_050114_02	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Mine Sump	Aluminum, dissolved	5/8/2014	165	mg/L	02_050114_02	
Mine Sump	Ammonia (As N)	5/8/2014	16.1	mg/L	02_050114_02	
Mine Sump	Cadmium, dissolved	5/8/2014	12.70	mg/L	02_050114_02	
Mine Sump	Calcium, dissolved	5/8/2014	276	mg/L	02_050114_02	
Mine Sump	Chloride	5/8/2014	< 50	mg/L	02_050114_02	NOT DETECTED
Mine Sump	Conductivity, Field	5/8/2014	4573	uS/cm	02_050114_02	
Mine Sump	Copper, dissolved	5/8/2014	1.00	mg/L	02_050114_02	
Mine Sump	Iron, dissolved	5/8/2014	791	mg/L	02_050114_02	
Mine Sump	Lead, dissolved	5/8/2014	2.520	mg/L	02_050114_02	
Mine Sump	Magnesium, dissolved	5/8/2014	206	mg/L	02_050114_02	
Mine Sump	Manganese, dissolved	5/8/2014	36.70	mg/L	02_050114_02	
Mine Sump	pH, Field	5/8/2014	2.59	pH Units	02_050114_02	
Mine Sump	Potassium, Dissolved	5/8/2014	5	mg/L	02_050114_02	BETWEEN MDL & PQL
Mine Sump	Selenium, dissolved	5/8/2014	0.009	mg/L	02_050114_02	
Mine Sump	Selenium, dissolved	5/8/2014	< 0.005	mg/L	02_050114_02	NOT DETECTED
Mine Sump	Sodium, dissolved	5/8/2014	10	mg/L	02_050114_02	
Mine Sump	Sulfate	5/8/2014	8310	mg/L	02_050114_02	
Mine Sump	Temperature, Field	5/8/2014	2.8	°C	02_050114_02	
Mine Sump	Total Dissolved Solids	5/8/2014	11000	mg/L	02_050114_02	
Mine Sump	Zinc, dissolved	5/8/2014	1820	mg/L	02_050114_02	
Mine Sump	Acidity as CaCO3	6/6/2014	2460	mg/L	02_060114_02	
Mine Sump	Aluminum, dissolved	6/6/2014	61.90	mg/L	02_060114_02	
Mine Sump	Ammonia (As N)	6/6/2014	< 1	mg/L	02_060114_02	NOT DETECTED
Mine Sump	Cadmium, dissolved	6/6/2014	5.920	mg/L	02_060114_02	
Mine Sump	Calcium, dissolved	6/6/2014	157	mg/L	02_060114_02	
Mine Sump	Chloride	6/6/2014	< 50	mg/L	02_060114_02	NOT DETECTED
Mine Sump	Conductivity, Field	6/6/2014	3052.0	uS/cm	02_060114_02	
Mine Sump	Copper, dissolved	6/6/2014	0.443	mg/L	02_060114_02	
Mine Sump	Iron, dissolved	6/6/2014	338	mg/L	02_060114_02	
Mine Sump	Lead, dissolved	6/6/2014	2.3200	mg/L	02_060114_02	
Mine Sump	Magnesium, dissolved	6/6/2014	112	mg/L	02_060114_02	
Mine Sump	Manganese, dissolved	6/6/2014	21.80	mg/L	02_060114_02	
Mine Sump	pH, Field	6/6/2014	3.17	pH Units	02_060114_02	
Mine Sump	Potassium, Dissolved	6/6/2014	1.2	mg/L	02_060114_02	
Mine Sump	Selenium, dissolved	6/6/2014	0.0027	mg/L	02_060114_02	
Mine Sump	Selenium, dissolved	6/6/2014	< 0.002	mg/L	02_060114_02	NOT DETECTED
Mine Sump	Sodium, dissolved	6/6/2014	3.9	mg/L	02_060114_02	
Mine Sump	Sulfate	6/6/2014	5060	mg/L	02_060114_02	
Mine Sump	Temperature, Field	6/6/2014	7.3	°C	02_060114_02	
Mine Sump	Total Dissolved Solids	6/6/2014	6140	mg/L	02_060114_02	
Mine Sump	Zinc, dissolved	6/6/2014	1010	mg/L	02_060114_02	
Mine Sump	Acidity as CaCO3	7/25/2014	1740	mg/L	02_070114_02	
Mine Sump	Aluminum, dissolved	7/25/2014	34	mg/L	02_070114_02	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Mine Sump	Ammonia (As N)	7/25/2014	0.9	mg/L	02_070114_02	
Mine Sump	Cadmium, dissolved	7/25/2014	5.65	mg/L	02_070114_02	
Mine Sump	Calcium, dissolved	7/25/2014	199	mg/L	02_070114_02	
Mine Sump	Chloride	7/25/2014	< 50	mg/L	02_070114_02	NOT DETECTED
Mine Sump	Conductivity, Field	7/25/2014	2647	uS/cm	02_070114_02	
Mine Sump	Copper, dissolved	7/25/2014	0.168	mg/L	02_070114_02	
Mine Sump	Iron, dissolved	7/25/2014	312	mg/L	02_070114_02	
Mine Sump	Lead, dissolved	7/25/2014	0.6375	mg/L	02_070114_02	
Mine Sump	Magnesium, dissolved	7/25/2014	141	mg/L	02_070114_02	
Mine Sump	Manganese, dissolved	7/25/2014	19.80	mg/L	02_070114_02	
Mine Sump	pH, Field	7/25/2014	4.53	pH Units	02_070114_02	
Mine Sump	Potassium, Dissolved	7/25/2014	2	mg/L	02_070114_02	BETWEEN MDL & PQL
Mine Sump	Selenium, dissolved	7/25/2014	0.0018	mg/L	02_070114_02	
Mine Sump	Selenium, dissolved	7/25/2014	0.0016	mg/L	02_070114_02	BETWEEN MDL & PQL
Mine Sump	Sodium, dissolved	7/25/2014	5	mg/L	02_070114_02	
Mine Sump	Sulfate	7/25/2014	3230	mg/L	02_070114_02	
Mine Sump	Temperature, Field	7/25/2014	6.4	°C	02_070114_02	
Mine Sump	Total Dissolved Solids	7/25/2014	5220	mg/L	02_070114_02	
Mine Sump	Zinc, dissolved	7/25/2014	776	mg/L	02_070114_02	
Mine Sump	Acidity as CaCO3	8/1/2014	2430	mg/L	02_080114_02	
Mine Sump	Aluminum, dissolved	8/1/2014	38.30	mg/L	02_080114_02	
Mine Sump	Ammonia (As N)	8/1/2014	2	mg/L	02_080114_02	BETWEEN MDL & PQL
Mine Sump	Cadmium, dissolved	8/1/2014	6.540	mg/L	02_080114_02	
Mine Sump	Calcium, dissolved	8/1/2014	210	mg/L	02_080114_02	
Mine Sump	Chloride	8/1/2014	< 50	mg/L	02_080114_02	NOT DETECTED
Mine Sump	Conductivity, Field	8/1/2014	3420	uS/cm	02_080114_02	
Mine Sump	Copper, dissolved	8/1/2014	0.177	mg/L	02_080114_02	
Mine Sump	Iron, dissolved	8/1/2014	369	mg/L	02_080114_02	
Mine Sump	Lead, dissolved	8/1/2014	1.0200	mg/L	02_080114_02	
Mine Sump	Magnesium, dissolved	8/1/2014	169	mg/L	02_080114_02	
Mine Sump	Manganese, dissolved	8/1/2014	22.900	mg/L	02_080114_02	
Mine Sump	pH, Field	8/1/2014	4.57	pH Units	02_080114_02	
Mine Sump	Potassium, Dissolved	8/1/2014	1.6	mg/L	02_080114_02	
Mine Sump	Selenium, dissolved	8/1/2014	0.0024	mg/L	02_080114_02	
Mine Sump	Selenium, dissolved	8/1/2014	< 0.001	mg/L	02_080114_02	NOT DETECTED
Mine Sump	Sodium, dissolved	8/1/2014	6	mg/L	02_080114_02	
Mine Sump	Sulfate	8/1/2014	4250	mg/L	02_080114_02	
Mine Sump	Temperature, Field	8/1/2014	8.9	°C	02_080114_02	
Mine Sump	Total Dissolved Solids	8/1/2014	6910	mg/L	02_080114_02	
Mine Sump	Zinc, dissolved	8/1/2014	1080	mg/L	02_080114_02	
Mine Sump	Acidity as CaCO3	9/25/2014	1910	mg/L	02_090114_02	
Mine Sump	Aluminum, dissolved	9/25/2014	38.6	mg/L	02_090114_02	
Mine Sump	Ammonia (As N)	9/25/2014	0.7	mg/L	02_090114_02	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Mine Sump	Cadmium, dissolved	9/25/2014	6.5	mg/L	02_090114_02	
Mine Sump	Calcium, dissolved	9/25/2014	204	mg/L	02_090114_02	
Mine Sump	Chloride	9/25/2014	< 50	mg/L	02_090114_02	NOT DETECTED
Mine Sump	Conductivity, Field	9/25/2014	2324	uS/cm	02_090114_02	
Mine Sump	Copper, dissolved	9/25/2014	0.1727	mg/L	02_090114_02	
Mine Sump	Iron, dissolved	9/25/2014	358	mg/L	02_090114_02	
Mine Sump	Lead, dissolved	9/25/2014	1.4	mg/L	02_090114_02	
Mine Sump	Magnesium, dissolved	9/25/2014	142	mg/L	02_090114_02	
Mine Sump	Manganese, dissolved	9/25/2014	22.4	mg/L	02_090114_02	
Mine Sump	pH, Field	9/25/2014	4.33	pH Units	02_090114_02	
Mine Sump	Potassium, Dissolved	9/25/2014	2	mg/L	02_090114_02	BETWEEN MDL & PQL
Mine Sump	Selenium, dissolved	9/25/2014	0.0028	mg/L	02_090114_02	
Mine Sump	Selenium, dissolved	9/25/2014	0.0032	mg/L	02_090114_02	BETWEEN MDL & PQL
Mine Sump	Sodium, dissolved	9/25/2014	5	mg/L	02_090114_02	
Mine Sump	Sulfate	9/25/2014	4090	mg/L	02_090114_02	
Mine Sump	Temperature, Field	9/25/2014	4.0	°C	02_090114_02	
Mine Sump	Total Dissolved Solids	9/25/2014	5360	mg/L	02_090114_02	EXCEEDED HOLD TIME
Mine Sump	Zinc, dissolved	9/25/2014	863	mg/L	02_090114_02	
Mine Sump	Acidity as CaCO3	10/17/2014	2700	mg/L	02_100114_02	
Mine Sump	Aluminum, dissolved	10/17/2014	50.6	mg/L	02_100114_02	
Mine Sump	Ammonia (As N)	10/17/2014	< 0.5	mg/L	02_100114_02	NOT DETECTED
Mine Sump	Cadmium, dissolved	10/17/2014	6.58	mg/L	02_100114_02	
Mine Sump	Calcium, dissolved	10/17/2014	229	mg/L	02_100114_02	
Mine Sump	Chloride	10/17/2014	< 250	mg/L	02_100114_02	NOT DETECTED
Mine Sump	Conductivity, Field	10/17/2014	2838	uS/cm	02_100114_02	
Mine Sump	Copper, dissolved	10/17/2014	0.295	mg/L	02_100114_02	
Mine Sump	Iron, dissolved	10/17/2014	395	mg/L	02_100114_02	
Mine Sump	Lead, dissolved	10/17/2014	0.6295	mg/L	02_100114_02	
Mine Sump	Magnesium, dissolved	10/17/2014	156	mg/L	02_100114_02	
Mine Sump	Manganese, dissolved	10/17/2014	20.0	mg/L	02_100114_02	
Mine Sump	pH, Field	10/17/2014	3.65	pH Units	02_100114_02	
Mine Sump	Potassium, Dissolved	10/17/2014	2	mg/L	02_100114_02	BETWEEN MDL & PQL
Mine Sump	Selenium, dissolved	10/17/2014	0.0022	mg/L	02_100114_02	
Mine Sump	Selenium, dissolved	10/17/2014	< 0.002	mg/L	02_100114_02	NOT DETECTED
Mine Sump	Sodium, dissolved	10/17/2014	6	mg/L	02_100114_02	
Mine Sump	Sulfate	10/17/2014	4290	mg/L	02_100114_02	
Mine Sump	Temperature, Field	10/17/2014	1.6	°C	02_100114_02	
Mine Sump	Total Dissolved Solids	10/17/2014	6960	mg/L	02_100114_02	
Mine Sump	Zinc, dissolved	10/17/2014	903	mg/L	02_100114_02	
Mine Sump	Acidity as CaCO3	11/3/2014	2300	mg/L	02_110114_02	
Mine Sump	Aluminum, dissolved	11/3/2014	30.5	mg/L	02_110114_02	
Mine Sump	Ammonia (As N)	11/3/2014	< 2	mg/L	02_110114_02	NOT DETECTED
Mine Sump	Cadmium, dissolved	11/3/2014	6.80	mg/L	02_110114_02	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Mine Sump	Calcium, dissolved	11/3/2014	317	mg/L	02_110114_02	
Mine Sump	Chloride	11/3/2014	< 50	mg/L	02_110114_02	NOT DETECTED
Mine Sump	Conductivity, Field	11/3/2014	2750	uS/cm	02_110114_02	
Mine Sump	Copper, dissolved	11/3/2014	0.136	mg/L	02_110114_02	
Mine Sump	Iron, dissolved	11/3/2014	422	mg/L	02_110114_02	
Mine Sump	Lead, dissolved	11/3/2014	0.4818	mg/L	02_110114_02	
Mine Sump	Magnesium, dissolved	11/3/2014	198	mg/L	02_110114_02	
Mine Sump	Manganese, dissolved	11/3/2014	25.10	mg/L	02_110114_02	
Mine Sump	pH, Field	11/3/2014	4.85	pH Units	02_110114_02	
Mine Sump	Potassium, Dissolved	11/3/2014	2	mg/L	02_110114_02	BETWEEN MDL & PQL
Mine Sump	Selenium, dissolved	11/3/2014	0.0014	mg/L	02_110114_02	
Mine Sump	Selenium, dissolved	11/3/2014	< 0.002	mg/L	02_110114_02	NOT DETECTED
Mine Sump	Sodium, dissolved	11/3/2014	7	mg/L	02_110114_02	
Mine Sump	Sulfate	11/3/2014	4210	mg/L	02_110114_02	
Mine Sump	Temperature, Field	11/3/2014	0.9	°C	02_110114_02	
Mine Sump	Total Dissolved Solids	11/3/2014	6680	mg/L	02_110114_02	
Mine Sump	Zinc, dissolved	11/3/2014	976	mg/L	02_110114_02	
Mine Sump	Acidity as CaCO3	12/4/2014	1910	mg/L	02_120114_02	
Mine Sump	Aluminum, dissolved	12/4/2014	5.07	mg/L	02_120114_02	
Mine Sump	Ammonia (As N)	12/4/2014	< 2	mg/L	02_120114_02	NOT DETECTED
Mine Sump	Cadmium, dissolved	12/4/2014	4.23	mg/L	02_120114_02	
Mine Sump	Calcium, dissolved	12/4/2014	215	mg/L	02_120114_02	
Mine Sump	Chloride	12/4/2014	< 50	mg/L	02_120114_02	NOT DETECTED
Mine Sump	Conductivity, Field	12/4/2014	2415	uS/cm	02_120114_02	
Mine Sump	Copper, dissolved	12/4/2014	0.019	mg/L	02_120114_02	BETWEEN MDL & PQL
Mine Sump	Iron, dissolved	12/4/2014	202	mg/L	02_120114_02	
Mine Sump	Lead, dissolved	12/4/2014	0.797	mg/L	02_120114_02	
Mine Sump	Magnesium, dissolved	12/4/2014	108	mg/L	02_120114_02	
Mine Sump	Manganese, dissolved	12/4/2014	14.50	mg/L	02_120114_02	
Mine Sump	pH, Field	12/4/2014	5.44	pH Units	02_120114_02	
Mine Sump	Potassium, Dissolved	12/4/2014	1.3	mg/L	02_120114_02	
Mine Sump	Selenium, dissolved	12/4/2014	0.002	mg/L	02_120114_02	BETWEEN MDL & PQL
Mine Sump	Selenium, dissolved	12/4/2014	0.0015	mg/L	02_120114_02	BETWEEN MDL & PQL
Mine Sump	Sodium, dissolved	12/4/2014	20	mg/L	02_120114_02	
Mine Sump	Sulfate	12/4/2014	3950	mg/L	02_120114_02	
Mine Sump	Temperature, Field	12/4/2014	0.8	°C	02_120114_02	
Mine Sump	Total Dissolved Solids	12/4/2014	5890	mg/L	02_120114_02	
Mine Sump	Zinc, dissolved	12/4/2014	596	mg/L	02_120114_02	
Reclaim Water	Acidity as CaCO3	1/13/2014	750	mg/L	02_010114_08	
Reclaim Water	Aluminum, dissolved	1/13/2014	4.210	mg/L	02_010114_08	
Reclaim Water	Ammonia (As N)	1/13/2014	5	mg/L	02_010114_08	
Reclaim Water	Cadmium, dissolved	1/13/2014	4.210	mg/L	02_010114_08	
Reclaim Water	Calcium, dissolved	1/13/2014	502	mg/L	02_010114_08	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Reclaim Water	Chloride	1/13/2014	< 50	mg/L	02_010114_08	NOT DETECTED
Reclaim Water	Conductivity, Field	1/13/2014	4607	uS/cm	02_010114_08	
Reclaim Water	Copper, dissolved	1/13/2014	0.085	mg/L	02_010114_08	
Reclaim Water	Iron, dissolved	1/13/2014	14.6	mg/L	02_010114_08	
Reclaim Water	Lead, dissolved	1/13/2014	2.0800	mg/L	02_010114_08	
Reclaim Water	Magnesium, dissolved	1/13/2014	213	mg/L	02_010114_08	
Reclaim Water	Manganese, dissolved	1/13/2014	57.400	mg/L	02_010114_08	
Reclaim Water	pH, Field	1/13/2014	4.23	pH Units	02_010114_08	
Reclaim Water	Potassium, Dissolved	1/13/2014	19.3	mg/L	02_010114_08	
Reclaim Water	Selenium, dissolved	1/13/2014	0.0057	mg/L	02_010114_08	
Reclaim Water	Selenium, dissolved	1/13/2014	0.0049	mg/L	02_010114_08	BETWEEN MDL & PQL
Reclaim Water	Sodium, dissolved	1/13/2014	75.8	mg/L	02_010114_08	
Reclaim Water	Sulfate	1/13/2014	3870	mg/L	02_010114_08	
Reclaim Water	Temperature, Field	1/13/2014	5.1	°C	02_010114_08	
Reclaim Water	Total Dissolved Solids	1/13/2014	5470	mg/L	02_010114_08	
Reclaim Water	Zinc, dissolved	1/13/2014	682	mg/L	02_010114_08	
Reclaim Water	Acidity as CaCO3	2/20/2014	1010	mg/L	02_020114_08	
Reclaim Water	Aluminum, dissolved	2/20/2014	4.190	mg/L	02_020114_08	
Reclaim Water	Ammonia (As N)	2/20/2014	5.1	mg/L	02_020114_08	
Reclaim Water	Cadmium, dissolved	2/20/2014	5.2	mg/L	02_020114_08	
Reclaim Water	Calcium, dissolved	2/20/2014	559	mg/L	02_020114_08	
Reclaim Water	Chloride	2/20/2014	< 50	mg/L	02_020114_08	NOT DETECTED
Reclaim Water	Conductivity, Field	2/20/2014	4932	uS/cm	02_020114_08	
Reclaim Water	Copper, dissolved	2/20/2014	0.172	mg/L	02_020114_08	
Reclaim Water	Iron, dissolved	2/20/2014	8.22	mg/L	02_020114_08	
Reclaim Water	Lead, dissolved	2/20/2014	1.7100	mg/L	02_020114_08	
Reclaim Water	Magnesium, dissolved	2/20/2014	245	mg/L	02_020114_08	
Reclaim Water	Manganese, dissolved	2/20/2014	63.700	mg/L	02_020114_08	
Reclaim Water	pH, Field	2/20/2014	4.6	pH Units	02_020114_08	
Reclaim Water	Potassium, Dissolved	2/20/2014	21.4	mg/L	02_020114_08	
Reclaim Water	Selenium, dissolved	2/20/2014	0.0050	mg/L	02_020114_08	
Reclaim Water	Selenium, dissolved	2/20/2014	0.0048	mg/L	02_020114_08	BETWEEN MDL & PQL
Reclaim Water	Sodium, dissolved	2/20/2014	84.7	mg/L	02_020114_08	
Reclaim Water	Sulfate	2/20/2014	3830	mg/L	02_020114_08	
Reclaim Water	Temperature, Field	2/20/2014	5.4	°C	02_020114_08	
Reclaim Water	Total Dissolved Solids	2/20/2014	6130	mg/L	02_020114_08	
Reclaim Water	Zinc, dissolved	2/20/2014	722	mg/L	02_020114_08	
Reclaim Water	Acidity as CaCO3	3/10/2014	1020	mg/L	02_030114_08	
Reclaim Water	Aluminum, dissolved	3/10/2014	3.830	mg/L	02_030114_08	
Reclaim Water	Ammonia (As N)	3/10/2014	5.3	mg/L	02_030114_08	
Reclaim Water	Cadmium, dissolved	3/10/2014	4.820	mg/L	02_030114_08	
Reclaim Water	Calcium, dissolved	3/10/2014	550	mg/L	02_030114_08	
Reclaim Water	Chloride	3/10/2014	< 50	mg/L	02_030114_08	NOT DETECTED

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Reclaim Water	Conductivity, Field	3/10/2014	4973.0	uS/cm	02_030114_08	
Reclaim Water	Copper, dissolved	3/10/2014	0.098	mg/L	02_030114_08	
Reclaim Water	Iron, dissolved	3/10/2014	7.4	mg/L	02_030114_08	
Reclaim Water	Lead, dissolved	3/10/2014	1.2900	mg/L	02_030114_08	
Reclaim Water	Magnesium, dissolved	3/10/2014	242	mg/L	02_030114_08	
Reclaim Water	Manganese, dissolved	3/10/2014	69.70	mg/L	02_030114_08	
Reclaim Water	pH, Field	3/10/2014	4.80	pH Units	02_030114_08	
Reclaim Water	Potassium, Dissolved	3/10/2014	21	mg/L	02_030114_08	
Reclaim Water	Selenium, dissolved	3/10/2014	0.0052	mg/L	02_030114_08	
Reclaim Water	Selenium, dissolved	3/10/2014	0.0047	mg/L	02_030114_08	BETWEEN MDL & PQL
Reclaim Water	Sodium, dissolved	3/10/2014	84.8	mg/L	02_030114_08	
Reclaim Water	Sulfate	3/10/2014	3980	mg/L	02_030114_08	
Reclaim Water	Temperature, Field	3/10/2014	5.4	°C	02_030114_08	
Reclaim Water	Total Dissolved Solids	3/10/2014	5760	mg/L	02_030114_08	
Reclaim Water	Zinc, dissolved	3/10/2014	708	mg/L	02_030114_08	
Reclaim Water	Acidity as CaCO3	4/10/2014	1020	mg/L	02_040114_08	
Reclaim Water	Aluminum, dissolved	4/10/2014	3.470	mg/L	02_040114_08	
Reclaim Water	Ammonia (As N)	4/10/2014	5.5	mg/L	02_040114_08	
Reclaim Water	Cadmium, dissolved	4/10/2014	4.800	mg/L	02_040114_08	
Reclaim Water	Calcium, dissolved	4/10/2014	519	mg/L	02_040114_08	
Reclaim Water	Chloride	4/10/2014	< 50	mg/L	02_040114_08	NOT DETECTED
Reclaim Water	Conductivity, Field	4/10/2014	4989	uS/cm	02_040114_08	
Reclaim Water	Copper, dissolved	4/10/2014	0.003	mg/L	02_040114_08	BETWEEN MDL & PQL
Reclaim Water	Iron, dissolved	4/10/2014	8.7	mg/L	02_040114_08	
Reclaim Water	Lead, dissolved	4/10/2014	1.6000	mg/L	02_040114_08	
Reclaim Water	Magnesium, dissolved	4/10/2014	229	mg/L	02_040114_08	
Reclaim Water	Manganese, dissolved	4/10/2014	64.90	mg/L	02_040114_08	
Reclaim Water	pH, Field	4/10/2014	7.75	pH Units	02_040114_08	
Reclaim Water	Potassium, Dissolved	4/10/2014	20.4	mg/L	02_040114_08	
Reclaim Water	Selenium, dissolved	4/10/2014	0.005	mg/L	02_040114_08	
Reclaim Water	Selenium, dissolved	4/10/2014	0.0043	mg/L	02_040114_08	BETWEEN MDL & PQL
Reclaim Water	Sodium, dissolved	4/10/2014	80.8	mg/L	02_040114_08	
Reclaim Water	Sulfate	4/10/2014	4070	mg/L	02_040114_08	
Reclaim Water	Temperature, Field	4/10/2014	5.6	°C	02_040114_08	
Reclaim Water	Total Dissolved Solids	4/10/2014	5910	mg/L	02_040114_08	EXCEEDED HOLD TIME
Reclaim Water	Zinc, dissolved	4/10/2014	689	mg/L	02_040114_08	
Reclaim Water	Acidity as CaCO3	5/8/2014	770	mg/L	02_050114_08	
Reclaim Water	Aluminum, dissolved	5/8/2014	1.780	mg/L	02_050114_08	
Reclaim Water	Ammonia (As N)	5/8/2014	5	mg/L	02_050114_08	
Reclaim Water	Cadmium, dissolved	5/8/2014	3.810	mg/L	02_050114_08	
Reclaim Water	Calcium, dissolved	5/8/2014	589	mg/L	02_050114_08	
Reclaim Water	Chloride	5/8/2014	< 50	mg/L	02_050114_08	NOT DETECTED
Reclaim Water	Conductivity, Field	5/8/2014	4420	uS/cm	02_050114_08	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Reclaim Water	Copper, dissolved	5/8/2014	0.005	mg/L	02_050114_08	BETWEEN MDL & PQL
Reclaim Water	Iron, dissolved	5/8/2014	9.11	mg/L	02_050114_08	
Reclaim Water	Lead, dissolved	5/8/2014	1.6100	mg/L	02_050114_08	
Reclaim Water	Magnesium, dissolved	5/8/2014	215	mg/L	02_050114_08	
Reclaim Water	Manganese, dissolved	5/8/2014	54.300	mg/L	02_050114_08	
Reclaim Water	pH, Field	5/8/2014	5.61	pH Units	02_050114_08	
Reclaim Water	Potassium, Dissolved	5/8/2014	20.4	mg/L	02_050114_08	
Reclaim Water	Selenium, dissolved	5/8/2014	0.0059	mg/L	02_050114_08	
Reclaim Water	Selenium, dissolved	5/8/2014	0.0049	mg/L	02_050114_08	BETWEEN MDL & PQL
Reclaim Water	Sodium, dissolved	5/8/2014	85.8	mg/L	02_050114_08	
Reclaim Water	Sulfate	5/8/2014	4070	mg/L	02_050114_08	
Reclaim Water	Temperature, Field	5/8/2014	3.8	°C	02_050114_08	
Reclaim Water	Total Dissolved Solids	5/8/2014	5360	mg/L	02_050114_08	
Reclaim Water	Zinc, dissolved	5/8/2014	570	mg/L	02_050114_08	
Reclaim Water	Acidity as CaCO3	6/5/2014	710	mg/L	02_060114_08	
Reclaim Water	Aluminum, dissolved	6/5/2014	1.410	mg/L	02_060114_08	
Reclaim Water	Ammonia (As N)	6/5/2014	4.5	mg/L	02_060114_08	
Reclaim Water	Cadmium, dissolved	6/5/2014	3.650	mg/L	02_060114_08	
Reclaim Water	Calcium, dissolved	6/5/2014	478	mg/L	02_060114_08	
Reclaim Water	Chloride	6/5/2014	< 50	mg/L	02_060114_08	NOT DETECTED
Reclaim Water	Conductivity, Field	6/5/2014	4086	uS/cm	02_060114_08	
Reclaim Water	Copper, dissolved	6/5/2014	< 0.003	mg/L	02_060114_08	NOT DETECTED
Reclaim Water	Iron, dissolved	6/5/2014	8.1	mg/L	02_060114_08	
Reclaim Water	Lead, dissolved	6/5/2014	1.5500	mg/L	02_060114_08	
Reclaim Water	Magnesium, dissolved	6/5/2014	188	mg/L	02_060114_08	
Reclaim Water	Manganese, dissolved	6/5/2014	49.70	mg/L	02_060114_08	
Reclaim Water	pH, Field	6/5/2014	5.64	pH Units	02_060114_08	
Reclaim Water	Potassium, Dissolved	6/5/2014	16.9	mg/L	02_060114_08	
Reclaim Water	Selenium, dissolved	6/5/2014	0.0045	mg/L	02_060114_08	
Reclaim Water	Selenium, dissolved	6/5/2014	< 0.002	mg/L	02_060114_08	NOT DETECTED
Reclaim Water	Sodium, dissolved	6/5/2014	69.1	mg/L	02_060114_08	
Reclaim Water	Sulfate	6/5/2014	3360	mg/L	02_060114_08	
Reclaim Water	Temperature, Field	6/5/2014	5.6	°C	02_060114_08	
Reclaim Water	Total Dissolved Solids	6/5/2014	4540	mg/L	02_060114_08	
Reclaim Water	Zinc, dissolved	6/5/2014	492	mg/L	02_060114_08	
Reclaim Water	Acidity as CaCO3	7/25/2014	770	mg/L	02_070114_08	
Reclaim Water	Aluminum, dissolved	7/25/2014	1.760	mg/L	02_070114_08	
Reclaim Water	Ammonia (As N)	7/25/2014	4.9	mg/L	02_070114_08	
Reclaim Water	Cadmium, dissolved	7/25/2014	3.70	mg/L	02_070114_08	
Reclaim Water	Calcium, dissolved	7/25/2014	533	mg/L	02_070114_08	
Reclaim Water	Chloride	7/25/2014	< 50	mg/L	02_070114_08	NOT DETECTED
Reclaim Water	Conductivity, Field	7/25/2014	4297	uS/cm	02_070114_08	
Reclaim Water	Copper, dissolved	7/25/2014	0.010	mg/L	02_070114_08	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Reclaim Water	Iron, dissolved	7/25/2014	6	mg/L	02_070114_08	
Reclaim Water	Lead, dissolved	7/25/2014	2.2800	mg/L	02_070114_08	
Reclaim Water	Magnesium, dissolved	7/25/2014	196	mg/L	02_070114_08	
Reclaim Water	Manganese, dissolved	7/25/2014	53.0	mg/L	02_070114_08	
Reclaim Water	pH, Field	7/25/2014	5.3	pH Units	02_070114_08	
Reclaim Water	Potassium, Dissolved	7/25/2014	19	mg/L	02_070114_08	
Reclaim Water	Selenium, dissolved	7/25/2014	0.0041	mg/L	02_070114_08	
Reclaim Water	Selenium, dissolved	7/25/2014	0.0038	mg/L	02_070114_08	BETWEEN MDL & PQL
Reclaim Water	Sodium, dissolved	7/25/2014	74	mg/L	02_070114_08	
Reclaim Water	Sulfate	7/25/2014	3230	mg/L	02_070114_08	
Reclaim Water	Temperature, Field	7/25/2014	10.0	°C	02_070114_08	
Reclaim Water	Total Dissolved Solids	7/25/2014	4930	mg/L	02_070114_08	
Reclaim Water	Zinc, dissolved	7/25/2014	480	mg/L	02_070114_08	
Reclaim Water	Acidity as CaCO3	8/1/2014	721	mg/L	02_080114_08	
Reclaim Water	Aluminum, dissolved	8/1/2014	1.580	mg/L	02_080114_08	
Reclaim Water	Ammonia (As N)	8/1/2014	4.9	mg/L	02_080114_08	
Reclaim Water	Cadmium, dissolved	8/1/2014	3.71	mg/L	02_080114_08	
Reclaim Water	Calcium, dissolved	8/1/2014	532	mg/L	02_080114_08	
Reclaim Water	Chloride	8/1/2014	< 50	mg/L	02_080114_08	NOT DETECTED
Reclaim Water	Conductivity, Field	8/1/2014	4307	uS/cm	02_080114_08	
Reclaim Water	Copper, dissolved	8/1/2014	0.010	mg/L	02_080114_08	
Reclaim Water	Iron, dissolved	8/1/2014	5.6	mg/L	02_080114_08	
Reclaim Water	Lead, dissolved	8/1/2014	2.3600	mg/L	02_080114_08	
Reclaim Water	Magnesium, dissolved	8/1/2014	199	mg/L	02_080114_08	
Reclaim Water	Manganese, dissolved	8/1/2014	53.60	mg/L	02_080114_08	
Reclaim Water	pH, Field	8/1/2014	4.9	pH Units	02_080114_08	
Reclaim Water	Potassium, Dissolved	8/1/2014	19	mg/L	02_080114_08	
Reclaim Water	Selenium, dissolved	8/1/2014	0.0040	mg/L	02_080114_08	
Reclaim Water	Selenium, dissolved	8/1/2014	0.0027	mg/L	02_080114_08	BETWEEN MDL & PQL
Reclaim Water	Sodium, dissolved	8/1/2014	74	mg/L	02_080114_08	
Reclaim Water	Sulfate	8/1/2014	3130	mg/L	02_080114_08	
Reclaim Water	Temperature, Field	8/1/2014	13	°C	02_080114_08	
Reclaim Water	Total Dissolved Solids	8/1/2014	5040	mg/L	02_080114_08	
Reclaim Water	Zinc, dissolved	8/1/2014	483	mg/L	02_080114_08	
Reclaim Water	Acidity as CaCO3	9/22/2014	683	mg/L	02_090114_08	
Reclaim Water	Aluminum, dissolved	9/22/2014	1.930	mg/L	02_090114_08	
Reclaim Water	Ammonia (As N)	9/22/2014	5.4	mg/L	02_090114_08	
Reclaim Water	Cadmium, dissolved	9/22/2014	3.080	mg/L	02_090114_08	
Reclaim Water	Calcium, dissolved	9/22/2014	537	mg/L	02_090114_08	
Reclaim Water	Chloride	9/22/2014	< 50	mg/L	02_090114_08	NOT DETECTED
Reclaim Water	Conductivity, Field	9/22/2014	4325	uS/cm	02_090114_08	
Reclaim Water	Copper, dissolved	9/22/2014	0.018	mg/L	02_090114_08	
Reclaim Water	Iron, dissolved	9/22/2014	5.03	mg/L	02_090114_08	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Reclaim Water	Lead, dissolved	9/22/2014	2.2500	mg/L	02_090114_08	
Reclaim Water	Magnesium, dissolved	9/22/2014	212	mg/L	02_090114_08	
Reclaim Water	Manganese, dissolved	9/22/2014	51.400	mg/L	02_090114_08	
Reclaim Water	pH, Field	9/22/2014	4.90	pH Units	02_090114_08	
Reclaim Water	Potassium, Dissolved	9/22/2014	18	mg/L	02_090114_08	
Reclaim Water	Selenium, dissolved	9/22/2014	0.0037	mg/L	02_090114_08	
Reclaim Water	Selenium, dissolved	9/22/2014	0.0017	mg/L	02_090114_08	BETWEEN MDL & PQL
Reclaim Water	Sodium, dissolved	9/22/2014	78.4	mg/L	02_090114_08	
Reclaim Water	Sulfate	9/22/2014	3220	mg/L	02_090114_08	
Reclaim Water	Temperature, Field	9/22/2014	11.9	°C	02_090114_08	
Reclaim Water	Total Dissolved Solids	9/22/2014	5020	mg/L	02_090114_08	
Reclaim Water	Zinc, dissolved	9/22/2014	453	mg/L	02_090114_08	
Reclaim Water	Acidity as CaCO3	10/17/2014	718	mg/L	02_100114_08	
Reclaim Water	Aluminum, dissolved	10/17/2014	1.820	mg/L	02_100114_08	
Reclaim Water	Ammonia (As N)	10/17/2014	5.2	mg/L	02_100114_08	
Reclaim Water	Cadmium, dissolved	10/17/2014	3.130	mg/L	02_100114_08	
Reclaim Water	Calcium, dissolved	10/17/2014	557	mg/L	02_100114_08	
Reclaim Water	Chloride	10/17/2014	< 50	mg/L	02_100114_08	NOT DETECTED
Reclaim Water	Conductivity, Field	10/17/2014	4598	uS/cm	02_100114_08	
Reclaim Water	Copper, dissolved	10/17/2014	0.0150	mg/L	02_100114_08	
Reclaim Water	Iron, dissolved	10/17/2014	5.72	mg/L	02_100114_08	
Reclaim Water	Lead, dissolved	10/17/2014	1.9000	mg/L	02_100114_08	
Reclaim Water	Magnesium, dissolved	10/17/2014	228	mg/L	02_100114_08	
Reclaim Water	Manganese, dissolved	10/17/2014	54.900	mg/L	02_100114_08	
Reclaim Water	pH, Field	10/17/2014	5.02	pH Units	02_100114_08	
Reclaim Water	Potassium, Dissolved	10/17/2014	17.8	mg/L	02_100114_08	
Reclaim Water	Selenium, dissolved	10/17/2014	0.0046	mg/L	02_100114_08	
Reclaim Water	Selenium, dissolved	10/17/2014	0.0032	mg/L	02_100114_08	BETWEEN MDL & PQL
Reclaim Water	Sodium, dissolved	10/17/2014	79.2	mg/L	02_100114_08	
Reclaim Water	Sulfate	10/17/2014	3090	mg/L	02_100114_08	
Reclaim Water	Temperature, Field	10/17/2014	6.7	°C	02_100114_08	
Reclaim Water	Total Dissolved Solids	10/17/2014	5060	mg/L	02_100114_08	
Reclaim Water	Zinc, dissolved	10/17/2014	494	mg/L	02_100114_08	
Reclaim Water	Acidity as CaCO3	11/3/2014	740	mg/L	02_110114_08	
Reclaim Water	Aluminum, dissolved	11/3/2014	2.300	mg/L	02_110114_08	
Reclaim Water	Ammonia (As N)	11/3/2014	5.4	mg/L	02_110114_08	
Reclaim Water	Cadmium, dissolved	11/3/2014	3.17	mg/L	02_110114_08	
Reclaim Water	Calcium, dissolved	11/3/2014	557	mg/L	02_110114_08	
Reclaim Water	Chloride	11/3/2014	< 50	mg/L	02_110114_08	NOT DETECTED
Reclaim Water	Conductivity, Field	11/3/2014	4600	uS/cm	02_110114_08	
Reclaim Water	Copper, dissolved	11/3/2014	0.019	mg/L	02_110114_08	
Reclaim Water	Iron, dissolved	11/3/2014	5.7	mg/L	02_110114_08	
Reclaim Water	Lead, dissolved	11/3/2014	2.0300	mg/L	02_110114_08	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Reclaim Water	Magnesium, dissolved	11/3/2014	228	mg/L	02_110114_08	
Reclaim Water	Manganese, dissolved	11/3/2014	57.30	mg/L	02_110114_08	
Reclaim Water	pH, Field	11/3/2014	4.85	pH Units	02_110114_08	
Reclaim Water	Potassium, Dissolved	11/3/2014	18	mg/L	02_110114_08	
Reclaim Water	Selenium, dissolved	11/3/2014	0.0039	mg/L	02_110114_08	
Reclaim Water	Selenium, dissolved	11/3/2014	0.0020	mg/L	02_110114_08	BETWEEN MDL & PQL
Reclaim Water	Sodium, dissolved	11/3/2014	79	mg/L	02_110114_08	
Reclaim Water	Sulfate	11/3/2014	3300	mg/L	02_110114_08	
Reclaim Water	Temperature, Field	11/3/2014	5.8	°C	02_110114_08	
Reclaim Water	Total Dissolved Solids	11/3/2014	5280	mg/L	02_110114_08	
Reclaim Water	Zinc, dissolved	11/3/2014	502	mg/L	02_110114_08	
Reclaim Water	Acidity as CaCO3	12/4/2014	812	mg/L	02_120114_08	
Reclaim Water	Aluminum, dissolved	12/4/2014	1.93	mg/L	02_120114_08	
Reclaim Water	Ammonia (As N)	12/4/2014	5.8	mg/L	02_120114_08	
Reclaim Water	Cadmium, dissolved	12/4/2014	3.160	mg/L	02_120114_08	
Reclaim Water	Calcium, dissolved	12/4/2014	540	mg/L	02_120114_08	
Reclaim Water	Chloride	12/4/2014	< 50	mg/L	02_120114_08	NOT DETECTED
Reclaim Water	Conductivity, Field	12/4/2014	4529	uS/cm	02_120114_08	
Reclaim Water	Copper, dissolved	12/4/2014	0.02	mg/L	02_120114_08	BETWEEN MDL & PQL
Reclaim Water	Iron, dissolved	12/4/2014	3.5	mg/L	02_120114_08	
Reclaim Water	Lead, dissolved	12/4/2014	1.590	mg/L	02_120114_08	
Reclaim Water	Magnesium, dissolved	12/4/2014	234	mg/L	02_120114_08	
Reclaim Water	Manganese, dissolved	12/4/2014	59.70	mg/L	02_120114_08	
Reclaim Water	pH, Field	12/4/2014	6.15	pH Units	02_120114_08	
Reclaim Water	Potassium, Dissolved	12/4/2014	18.1	mg/L	02_120114_08	
Reclaim Water	Selenium, dissolved	12/4/2014	0.002	mg/L	02_120114_08	BETWEEN MDL & PQL
Reclaim Water	Selenium, dissolved	12/4/2014	0.0030	mg/L	02_120114_08	BETWEEN MDL & PQL
Reclaim Water	Sodium, dissolved	12/4/2014	83.8	mg/L	02_120114_08	
Reclaim Water	Sulfate	12/4/2014	4930	mg/L	02_120114_08	
Reclaim Water	Temperature, Field	12/4/2014	9.7	°C	02_120114_08	
Reclaim Water	Total Dissolved Solids	12/4/2014	5280	mg/L	02_120114_08	
Reclaim Water	Zinc, dissolved	12/4/2014	505	mg/L	02_120114_08	
Seepage Pond	Acidity as CaCO3	1/13/2014	1530	mg/L	02_010114_05	
Seepage Pond	Aluminum, dissolved	1/13/2014	7.13	mg/L	02_010114_05	
Seepage Pond	Ammonia (As N)	1/13/2014	4.1	mg/L	02_010114_05	
Seepage Pond	Cadmium, dissolved	1/13/2014	5.4	mg/L	02_010114_05	
Seepage Pond	Calcium, dissolved	1/13/2014	385	mg/L	02_010114_05	
Seepage Pond	Chloride	1/13/2014	< 50	mg/L	02_010114_05	NOT DETECTED
Seepage Pond	Conductivity, Field	1/13/2014	3614.0	uS/cm	02_010114_05	
Seepage Pond	Copper, dissolved	1/13/2014	0.121	mg/L	02_010114_05	
Seepage Pond	Iron, dissolved	1/13/2014	194	mg/L	02_010114_05	
Seepage Pond	Lead, dissolved	1/13/2014	0.1390	mg/L	02_010114_05	
Seepage Pond	Magnesium, dissolved	1/13/2014	322	mg/L	02_010114_05	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Seepage Pond	Manganese, dissolved	1/13/2014	110	mg/L	02_010114_05	
Seepage Pond	pH, Field	1/13/2014	5.22	pH Units	02_010114_05	
Seepage Pond	Potassium, Dissolved	1/13/2014	17	mg/L	02_010114_05	
Seepage Pond	Selenium, dissolved	1/13/2014	0.0007	mg/L	02_010114_05	BETWEEN MDL & PQL
Seepage Pond	Selenium, dissolved	1/13/2014	< 0.002	mg/L	02_010114_05	NOT DETECTED
Seepage Pond	Sodium, dissolved	1/13/2014	65.6	mg/L	02_010114_05	
Seepage Pond	Sulfate	1/13/2014	4740	mg/L	02_010114_05	
Seepage Pond	Temperature, Field	1/13/2014	4.3	°C	02_010114_05	
Seepage Pond	Total Dissolved Solids	1/13/2014	7840	mg/L	02_010114_05	
Seepage Pond	Zinc, dissolved	1/13/2014	1050	mg/L	02_010114_05	
Seepage Pond	Acidity as CaCO3	2/20/2014	1390	mg/L	02_020114_05	
Seepage Pond	Aluminum, dissolved	2/20/2014	5.12	mg/L	02_020114_05	
Seepage Pond	Ammonia (As N)	2/20/2014	3.7	mg/L	02_020114_05	
Seepage Pond	Cadmium, dissolved	2/20/2014	4	mg/L	02_020114_05	
Seepage Pond	Calcium, dissolved	2/20/2014	421	mg/L	02_020114_05	
Seepage Pond	Chloride	2/20/2014	< 50	mg/L	02_020114_05	NOT DETECTED
Seepage Pond	Conductivity, Field	2/20/2014	3269	uS/cm	02_020114_05	
Seepage Pond	Copper, dissolved	2/20/2014	0.078	mg/L	02_020114_05	
Seepage Pond	Iron, dissolved	2/20/2014	103	mg/L	02_020114_05	
Seepage Pond	Lead, dissolved	2/20/2014	0.1025	mg/L	02_020114_05	
Seepage Pond	Magnesium, dissolved	2/20/2014	324	mg/L	02_020114_05	
Seepage Pond	Manganese, dissolved	2/20/2014	107	mg/L	02_020114_05	
Seepage Pond	pH, Field	2/20/2014	5.15	pH Units	02_020114_05	
Seepage Pond	Potassium, Dissolved	2/20/2014	16.8	mg/L	02_020114_05	
Seepage Pond	Selenium, dissolved	2/20/2014	< 0.0005	mg/L	02_020114_05	NOT DETECTED
Seepage Pond	Selenium, dissolved	2/20/2014	< 0.001	mg/L	02_020114_05	NOT DETECTED
Seepage Pond	Sodium, dissolved	2/20/2014	67.3	mg/L	02_020114_05	
Seepage Pond	Sulfate	2/20/2014	4560	mg/L	02_020114_05	
Seepage Pond	Temperature, Field	2/20/2014	5.6	°C	02_020114_05	
Seepage Pond	Total Dissolved Solids	2/20/2014	7100	mg/L	02_020114_05	
Seepage Pond	Zinc, dissolved	2/20/2014	916	mg/L	02_020114_05	
Seepage Pond	Acidity as CaCO3	3/10/2014	1390	mg/L	02_030114_05	
Seepage Pond	Acidity as CaCO3	3/10/2014	1390	mg/L	02_030114_05	
Seepage Pond	Aluminum, dissolved	3/10/2014	4.2	mg/L	02_030114_05	
Seepage Pond	Ammonia (As N)	3/10/2014	4.3	mg/L	02_030114_05	
Seepage Pond	Ammonia (As N)	3/10/2014	4.3	mg/L	02_030114_05	
Seepage Pond	Cadmium, dissolved	3/10/2014	3.4	mg/L	02_030114_05	
Seepage Pond	Calcium, dissolved	3/10/2014	375	mg/L	02_030114_05	
Seepage Pond	Chloride	3/10/2014	< 50	mg/L	02_030114_05	NOT DETECTED
Seepage Pond	Chloride	3/10/2014	< 50	mg/L	02_030114_05	NOT DETECTED
Seepage Pond	Conductivity, Field	3/10/2014	3084.0	uS/cm	02_030114_05	
Seepage Pond	Copper, dissolved	3/10/2014	0.027	mg/L	02_030114_05	
Seepage Pond	Iron, dissolved	3/10/2014	128	mg/L	02_030114_05	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Seepage Pond	Lead, dissolved	3/10/2014	0.0821	mg/L	02_030114_05	
Seepage Pond	Magnesium, dissolved	3/10/2014	282	mg/L	02_030114_05	
Seepage Pond	Manganese, dissolved	3/10/2014	105	mg/L	02_030114_05	
Seepage Pond	pH, Field	3/10/2014	5.39	pH Units	02_030114_05	
Seepage Pond	Potassium, Dissolved	3/10/2014	16.4	mg/L	02_030114_05	
Seepage Pond	Selenium, dissolved	3/10/2014	< 0.1	mg/L	02_030114_05	NOT DETECTED
Seepage Pond	Selenium, dissolved	3/10/2014	< 0.002	mg/L	02_030114_05	NOT DETECTED
Seepage Pond	Sodium, dissolved	3/10/2014	68.2	mg/L	02_030114_05	
Seepage Pond	Sulfate	3/10/2014	4670	mg/L	02_030114_05	
Seepage Pond	Sulfate	3/10/2014	4670	mg/L	02_030114_05	
Seepage Pond	Temperature, Field	3/10/2014	3.0	°C	02_030114_05	
Seepage Pond	Total Dissolved Solids	3/10/2014	6750	mg/L	02_030114_05	
Seepage Pond	Total Dissolved Solids	3/10/2014	6750	mg/L	02_030114_05	
Seepage Pond	Zinc, dissolved	3/10/2014	894	mg/L	02_030114_05	
Seepage Pond	Acidity as CaCO3	4/10/2014	1270	mg/L	02_040114_05	
Seepage Pond	Aluminum, dissolved	4/10/2014	3.65	mg/L	02_040114_05	
Seepage Pond	Ammonia (As N)	4/10/2014	4.2	mg/L	02_040114_05	
Seepage Pond	Cadmium, dissolved	4/10/2014	2.7	mg/L	02_040114_05	
Seepage Pond	Calcium, dissolved	4/10/2014	411	mg/L	02_040114_05	
Seepage Pond	Chloride	4/10/2014	< 50	mg/L	02_040114_05	NOT DETECTED
Seepage Pond	Conductivity, Field	4/10/2014	2654	uS/cm	02_040114_05	
Seepage Pond	Copper, dissolved	4/10/2014	0.043	mg/L	02_040114_05	
Seepage Pond	Iron, dissolved	4/10/2014	114	mg/L	02_040114_05	
Seepage Pond	Lead, dissolved	4/10/2014	0.0606	mg/L	02_040114_05	
Seepage Pond	Magnesium, dissolved	4/10/2014	302	mg/L	02_040114_05	
Seepage Pond	Manganese, dissolved	4/10/2014	98.8	mg/L	02_040114_05	
Seepage Pond	pH, Field	4/10/2014	5.37	pH Units	02_040114_05	
Seepage Pond	Potassium, Dissolved	4/10/2014	17.7	mg/L	02_040114_05	
Seepage Pond	Selenium, dissolved	4/10/2014	< 0.0005	mg/L	02_040114_05	NOT DETECTED
Seepage Pond	Selenium, dissolved	4/10/2014	< 0.002	mg/L	02_040114_05	NOT DETECTED
Seepage Pond	Sodium, dissolved	4/10/2014	76	mg/L	02_040114_05	
Seepage Pond	Sulfate	4/10/2014	4470	mg/L	02_040114_05	
Seepage Pond	Temperature, Field	4/10/2014	3.3	°C	02_040114_05	
Seepage Pond	Total Dissolved Solids	4/10/2014	6310	mg/L	02_040114_05	EXCEEDED HOLD TIME
Seepage Pond	Zinc, dissolved	4/10/2014	815	mg/L	02_040114_05	
Seepage Pond	Acidity as CaCO3	5/8/2014	12500	mg/L	02_050114_05	
Seepage Pond	Aluminum, dissolved	5/8/2014	6.66	mg/L	02_050114_05	
Seepage Pond	Ammonia (As N)	5/8/2014	3	mg/L	02_050114_05	
Seepage Pond	Cadmium, dissolved	5/8/2014	3.280	mg/L	02_050114_05	
Seepage Pond	Calcium, dissolved	5/8/2014	413	mg/L	02_050114_05	
Seepage Pond	Chloride	5/8/2014	< 50	mg/L	02_050114_05	NOT DETECTED
Seepage Pond	Conductivity, Field	5/8/2014	3421	uS/cm	02_050114_05	
Seepage Pond	Copper, dissolved	5/8/2014	0.211	mg/L	02_050114_05	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Seepage Pond	Iron, dissolved	5/8/2014	65.2	mg/L	02_050114_05	
Seepage Pond	Lead, dissolved	5/8/2014	0.1015	mg/L	02_050114_05	
Seepage Pond	Magnesium, dissolved	5/8/2014	319	mg/L	02_050114_05	
Seepage Pond	Manganese, dissolved	5/8/2014	86.300	mg/L	02_050114_05	
Seepage Pond	pH, Field	5/8/2014	4.98	pH Units	02_050114_05	
Seepage Pond	Potassium, Dissolved	5/8/2014	16.1	mg/L	02_050114_05	
Seepage Pond	Selenium, dissolved	5/8/2014	0.0012	mg/L	02_050114_05	
Seepage Pond	Selenium, dissolved	5/8/2014	< 0.002	mg/L	02_050114_05	NOT DETECTED
Seepage Pond	Sodium, dissolved	5/8/2014	64.3	mg/L	02_050114_05	
Seepage Pond	Sulfate	5/8/2014	3850	mg/L	02_050114_05	
Seepage Pond	Temperature, Field	5/8/2014	5.8	°C	02_050114_05	
Seepage Pond	Total Dissolved Solids	5/8/2014	6330	mg/L	02_050114_05	
Seepage Pond	Zinc, dissolved	5/8/2014	884	mg/L	02_050114_05	
Seepage Pond	Acidity as CaCO3	6/5/2014	1660	mg/L	02_060114_05	
Seepage Pond	Aluminum, dissolved	6/5/2014	13.40	mg/L	02_060114_05	
Seepage Pond	Ammonia (As N)	6/5/2014	4	mg/L	02_060114_05	BETWEEN MDL & PQL
Seepage Pond	Cadmium, dissolved	6/5/2014	0.004	mg/L	02_060114_05	
Seepage Pond	Cadmium, dissolved	6/5/2014	4	mg/L	02_060114_05	BETWEEN MDL & PQL
Seepage Pond	Calcium, dissolved	6/5/2014	420	mg/L	02_060114_05	
Seepage Pond	Chloride	6/5/2014	< 50	mg/L	02_060114_05	NOT DETECTED
Seepage Pond	Conductivity, Field	6/5/2014	3498	uS/cm	02_060114_05	
Seepage Pond	Copper, dissolved	6/5/2014	0.241	mg/L	02_060114_05	
Seepage Pond	Iron, dissolved	6/5/2014	0.937	mg/L	02_060114_05	
Seepage Pond	Iron, dissolved	6/5/2014	102	mg/L	02_060114_05	
Seepage Pond	Lead, dissolved	6/5/2014	< 0.078	mg/L	02_060114_05	NOT DETECTED
Seepage Pond	Lead, dissolved	6/5/2014	0.1288	mg/L	02_060114_05	
Seepage Pond	Magnesium, dissolved	6/5/2014	304	mg/L	02_060114_05	
Seepage Pond	Manganese, dissolved	6/5/2014	95	mg/L	02_060114_05	
Seepage Pond	pH, Field	6/5/2014	4.85	pH Units	02_060114_05	
Seepage Pond	Potassium, Dissolved	6/5/2014	15.4	mg/L	02_060114_05	
Seepage Pond	Selenium, dissolved	6/5/2014	0.0122	mg/L	02_060114_05	
Seepage Pond	Selenium, dissolved	6/5/2014	0.0009	mg/L	02_060114_05	BETWEEN MDL & PQL
Seepage Pond	Selenium, dissolved	6/5/2014	< 0.002	mg/L	02_060114_05	NOT DETECTED
Seepage Pond	Sodium, dissolved	6/5/2014	57.6	mg/L	02_060114_05	
Seepage Pond	Sulfate	6/5/2014	5000	mg/L	02_060114_05	
Seepage Pond	Temperature, Field	6/5/2014	5.9	°C	02_060114_05	
Seepage Pond	Total Dissolved Solids	6/5/2014	2612	mg/L	02_060114_05	
Seepage Pond	Total Dissolved Solids	6/5/2014	7220	mg/L	02_060114_05	
Seepage Pond	Zinc, dissolved	6/5/2014	0.063	mg/L	02_060114_05	
Seepage Pond	Zinc, dissolved	6/5/2014	940	mg/L	02_060114_05	
Seepage Pond	Acidity as CaCO3	7/25/2014	2040	mg/L	02_070114_05	
Seepage Pond	Aluminum, dissolved	7/25/2014	< 0.2	mg/L	02_070114_05	NOT DETECTED
Seepage Pond	Ammonia (As N)	7/25/2014	4.5	mg/L	02_070114_05	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Seepage Pond	Cadmium, dissolved	7/25/2014	0.3117	mg/L	02_070114_05	
Seepage Pond	Calcium, dissolved	7/25/2014	409	mg/L	02_070114_05	
Seepage Pond	Chloride	7/25/2014	< 50	mg/L	02_070114_05	NOT DETECTED
Seepage Pond	Conductivity, Field	7/25/2014	3832	uS/cm	02_070114_05	
Seepage Pond	Copper, dissolved	7/25/2014	0.008	mg/L	02_070114_05	BETWEEN MDL & PQL
Seepage Pond	Iron, dissolved	7/25/2014	57.4	mg/L	02_070114_05	
Seepage Pond	Lead, dissolved	7/25/2014	0.0016	mg/L	02_070114_05	BETWEEN MDL & PQL
Seepage Pond	Magnesium, dissolved	7/25/2014	207	mg/L	02_070114_05	
Seepage Pond	Manganese, dissolved	7/25/2014	49	mg/L	02_070114_05	
Seepage Pond	pH, Field	7/25/2014	5.28	pH Units	02_070114_05	
Seepage Pond	Potassium, Dissolved	7/25/2014	12	mg/L	02_070114_05	
Seepage Pond	Selenium, dissolved	7/25/2014	< 0.0005	mg/L	02_070114_05	NOT DETECTED
Seepage Pond	Selenium, dissolved	7/25/2014	< 0.001	mg/L	02_070114_05	NOT DETECTED
Seepage Pond	Sodium, dissolved	7/25/2014	129	mg/L	02_070114_05	
Seepage Pond	Sulfate	7/25/2014	5110	mg/L	02_070114_05	
Seepage Pond	Temperature, Field	7/25/2014	5.3	°C	02_070114_05	
Seepage Pond	Total Dissolved Solids	7/25/2014	7770	mg/L	02_070114_05	EXCEEDED HOLD TIME
Seepage Pond	Zinc, dissolved	7/25/2014	326	mg/L	02_070114_05	
Seepage Pond	Acidity as CaCO3	8/1/2014	1690	mg/L	02_080114_05	
Seepage Pond	Aluminum, dissolved	8/1/2014	7	mg/L	02_080114_05	
Seepage Pond	Ammonia (As N)	8/1/2014	4.3	mg/L	02_080114_05	
Seepage Pond	Cadmium, dissolved	8/1/2014	4.4	mg/L	02_080114_05	
Seepage Pond	Calcium, dissolved	8/1/2014	436	mg/L	02_080114_05	
Seepage Pond	Chloride	8/1/2014	< 50	mg/L	02_080114_05	NOT DETECTED
Seepage Pond	Conductivity, Field	8/1/2014	3844	uS/cm	02_080114_05	
Seepage Pond	Copper, dissolved	8/1/2014	0.031	mg/L	02_080114_05	
Seepage Pond	Iron, dissolved	8/1/2014	183	mg/L	02_080114_05	
Seepage Pond	Lead, dissolved	8/1/2014	0.0875	mg/L	02_080114_05	
Seepage Pond	Magnesium, dissolved	8/1/2014	321	mg/L	02_080114_05	
Seepage Pond	Manganese, dissolved	8/1/2014	109	mg/L	02_080114_05	
Seepage Pond	pH, Field	8/1/2014	5.23	pH Units	02_080114_05	
Seepage Pond	Potassium, Dissolved	8/1/2014	17	mg/L	02_080114_05	
Seepage Pond	Selenium, dissolved	8/1/2014	< 0.0005	mg/L	02_080114_05	NOT DETECTED
Seepage Pond	Selenium, dissolved	8/1/2014	< 0.001	mg/L	02_080114_05	NOT DETECTED
Seepage Pond	Sodium, dissolved	8/1/2014	63	mg/L	02_080114_05	
Seepage Pond	Sulfate	8/1/2014	4780	mg/L	02_080114_05	
Seepage Pond	Temperature, Field	8/1/2014	6.7	°C	02_080114_05	
Seepage Pond	Total Dissolved Solids	8/1/2014	7710	mg/L	02_080114_05	
Seepage Pond	Zinc, dissolved	8/1/2014	1000	mg/L	02_080114_05	
Seepage Pond	Acidity as CaCO3	9/22/2014	1790	mg/L	02_090114_05	
Seepage Pond	Aluminum, dissolved	9/22/2014	4.77	mg/L	02_090114_05	
Seepage Pond	Ammonia (As N)	9/22/2014	4.3	mg/L	02_090114_05	
Seepage Pond	Cadmium, dissolved	9/22/2014	4.1	mg/L	02_090114_05	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Seepage Pond	Calcium, dissolved	9/22/2014	398	mg/L	02_090114_05	
Seepage Pond	Chloride	9/22/2014	< 50	mg/L	02_090114_05	NOT DETECTED
Seepage Pond	Conductivity, Field	9/22/2014	3944	uS/cm	02_090114_05	
Seepage Pond	Copper, dissolved	9/22/2014	0.030	mg/L	02_090114_05	
Seepage Pond	Iron, dissolved	9/22/2014	180	mg/L	02_090114_05	
Seepage Pond	Lead, dissolved	9/22/2014	0.0741	mg/L	02_090114_05	
Seepage Pond	Magnesium, dissolved	9/22/2014	306	mg/L	02_090114_05	
Seepage Pond	Manganese, dissolved	9/22/2014	107	mg/L	02_090114_05	
Seepage Pond	pH, Field	9/22/2014	5.34	pH Units	02_090114_05	
Seepage Pond	Potassium, Dissolved	9/22/2014	15.8	mg/L	02_090114_05	
Seepage Pond	Selenium, dissolved	9/22/2014	0.0007	mg/L	02_090114_05	BETWEEN MDL & PQL
Seepage Pond	Selenium, dissolved	9/22/2014	< 0.001	mg/L	02_090114_05	NOT DETECTED
Seepage Pond	Sodium, dissolved	9/22/2014	66.1	mg/L	02_090114_05	
Seepage Pond	Sulfate	9/22/2014	4920	mg/L	02_090114_05	
Seepage Pond	Temperature, Field	9/22/2014	5.8	°C	02_090114_05	
Seepage Pond	Total Dissolved Solids	9/22/2014	7470	mg/L	02_090114_05	
Seepage Pond	Zinc, dissolved	9/22/2014	988	mg/L	02_090114_05	
Seepage Pond	Acidity as CaCO3	10/17/2014	1910	mg/L	02_100114_05	
Seepage Pond	Aluminum, dissolved	10/17/2014	6.2	mg/L	02_100114_05	
Seepage Pond	Ammonia (As N)	10/17/2014	4	mg/L	02_100114_05	
Seepage Pond	Cadmium, dissolved	10/17/2014	4.6	mg/L	02_100114_05	
Seepage Pond	Calcium, dissolved	10/17/2014	453	mg/L	02_100114_05	
Seepage Pond	Chloride	10/17/2014	< 50	mg/L	02_100114_05	NOT DETECTED
Seepage Pond	Conductivity, Field	10/17/2014	3520	uS/cm	02_100114_05	
Seepage Pond	Copper, dissolved	10/17/2014	0.025	mg/L	02_100114_05	
Seepage Pond	Iron, dissolved	10/17/2014	242	mg/L	02_100114_05	
Seepage Pond	Lead, dissolved	10/17/2014	0.1048	mg/L	02_100114_05	
Seepage Pond	Magnesium, dissolved	10/17/2014	350	mg/L	02_100114_05	
Seepage Pond	Manganese, dissolved	10/17/2014	120	mg/L	02_100114_05	
Seepage Pond	pH, Field	10/17/2014	5.50	pH Units	02_100114_05	
Seepage Pond	Potassium, Dissolved	10/17/2014	18	mg/L	02_100114_05	
Seepage Pond	Selenium, dissolved	10/17/2014	0.0006	mg/L	02_100114_05	BETWEEN MDL & PQL
Seepage Pond	Selenium, dissolved	10/17/2014	< 0.005	mg/L	02_100114_05	NOT DETECTED
Seepage Pond	Sodium, dissolved	10/17/2014	65	mg/L	02_100114_05	
Seepage Pond	Sulfate	10/17/2014	5030	mg/L	02_100114_05	
Seepage Pond	Temperature, Field	10/17/2014	2.3	°C	02_100114_05	
Seepage Pond	Total Dissolved Solids	10/17/2014	8180	mg/L	02_100114_05	
Seepage Pond	Zinc, dissolved	10/17/2014	1170	mg/L	02_100114_05	
Seepage Pond	Acidity as CaCO3	11/3/2014	2190	mg/L	02_110114_05	
Seepage Pond	Aluminum, dissolved	11/3/2014	6.9	mg/L	02_110114_05	
Seepage Pond	Ammonia (As N)	11/3/2014	3	mg/L	02_110114_05	BETWEEN MDL & PQL
Seepage Pond	Cadmium, dissolved	11/3/2014	5.1	mg/L	02_110114_05	
Seepage Pond	Calcium, dissolved	11/3/2014	443	mg/L	02_110114_05	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Seepage Pond	Chloride	11/3/2014	< 50	mg/L	02_110114_05	NOT DETECTED
Seepage Pond	Conductivity, Field	11/3/2014	3767	uS/cm	02_110114_05	
Seepage Pond	Copper, dissolved	11/3/2014	0.005	mg/L	02_110114_05	BETWEEN MDL & PQL
Seepage Pond	Iron, dissolved	11/3/2014	287	mg/L	02_110114_05	
Seepage Pond	Lead, dissolved	11/3/2014	0.1256	mg/L	02_110114_05	
Seepage Pond	Magnesium, dissolved	11/3/2014	354	mg/L	02_110114_05	
Seepage Pond	Manganese, dissolved	11/3/2014	137	mg/L	02_110114_05	
Seepage Pond	pH, Field	11/3/2014	5.45	pH Units	02_110114_05	
Seepage Pond	Potassium, Dissolved	11/3/2014	17	mg/L	02_110114_05	
Seepage Pond	Selenium, dissolved	11/3/2014	< 0.0005	mg/L	02_110114_05	NOT DETECTED
Seepage Pond	Selenium, dissolved	11/3/2014	< 0.002	mg/L	02_110114_05	NOT DETECTED
Seepage Pond	Sodium, dissolved	11/3/2014	64	mg/L	02_110114_05	
Seepage Pond	Sulfate	11/3/2014	5440	mg/L	02_110114_05	
Seepage Pond	Temperature, Field	11/3/2014	3.6	°C	02_110114_05	
Seepage Pond	Total Dissolved Solids	11/3/2014	8530	mg/L	02_110114_05	
Seepage Pond	Zinc, dissolved	11/3/2014	1290	mg/L	02_110114_05	
Seepage Pond	Acidity as CaCO3	12/4/2014	2500	mg/L	02_120114_05	
Seepage Pond	Aluminum, dissolved	12/4/2014	6.73	mg/L	02_120114_05	
Seepage Pond	Ammonia (As N)	12/4/2014	6	mg/L	02_120114_05	BETWEEN MDL & PQL
Seepage Pond	Cadmium, dissolved	12/4/2014	5.4	mg/L	02_120114_05	
Seepage Pond	Calcium, dissolved	12/4/2014	374	mg/L	02_120114_05	
Seepage Pond	Chloride	12/4/2014	< 50	mg/L	02_120114_05	NOT DETECTED
Seepage Pond	Conductivity, Field	12/4/2014	4553	uS/cm	02_120114_05	
Seepage Pond	Copper, dissolved	12/4/2014	< 1	mg/L	02_120114_05	NOT DETECTED
Seepage Pond	Iron, dissolved	12/4/2014	275	mg/L	02_120114_05	
Seepage Pond	Lead, dissolved	12/4/2014	< 0.2	mg/L	02_120114_05	NOT DETECTED
Seepage Pond	Magnesium, dissolved	12/4/2014	330	mg/L	02_120114_05	
Seepage Pond	Manganese, dissolved	12/4/2014	135	mg/L	02_120114_05	
Seepage Pond	pH, Field	12/4/2014	4.89	pH Units	02_120114_05	
Seepage Pond	Potassium, Dissolved	12/4/2014	15.1	mg/L	02_120114_05	
Seepage Pond	Selenium, dissolved	12/4/2014	< 0.2	mg/L	02_120114_05	NOT DETECTED
Seepage Pond	Selenium, dissolved	12/4/2014	< 0.002	mg/L	02_120114_05	NOT DETECTED
Seepage Pond	Sodium, dissolved	12/4/2014	55	mg/L	02_120114_05	
Seepage Pond	Sulfate	12/4/2014	6630	mg/L	02_120114_05	
Seepage Pond	Temperature, Field	12/4/2014	5.6	°C	02_120114_05	
Seepage Pond	Total Dissolved Solids	12/4/2014	9180	mg/L	02_120114_05	
Seepage Pond	Zinc, dissolved	12/4/2014	1350	mg/L	02_120114_05	
Tailings Water	Acidity as CaCO3	1/13/2014	770	mg/L	02_010114_07	
Tailings Water	Aluminum, dissolved	1/13/2014	< 0.005	mg/L	02_010114_07	NOT DETECTED
Tailings Water	Ammonia (As N)	1/13/2014	5.9	mg/L	02_010114_07	
Tailings Water	Cadmium, dissolved	1/13/2014	4	mg/L	02_010114_07	
Tailings Water	Calcium, dissolved	1/13/2014	542	mg/L	02_010114_07	
Tailings Water	Chloride	1/13/2014	< 50	mg/L	02_010114_07	NOT DETECTED

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Tailings Water	Conductivity, Field	1/13/2014	4166	uS/cm	02_010114_07	
Tailings Water	Copper, dissolved	1/13/2014	0.027	mg/L	02_010114_07	
Tailings Water	Iron, dissolved	1/13/2014	< 0.02	mg/L	02_010114_07	NOT DETECTED
Tailings Water	Lead, dissolved	1/13/2014	1.7600	mg/L	02_010114_07	
Tailings Water	Magnesium, dissolved	1/13/2014	221	mg/L	02_010114_07	
Tailings Water	Manganese, dissolved	1/13/2014	77.7	mg/L	02_010114_07	
Tailings Water	pH, Field	1/13/2014	5.98	pH Units	02_010114_07	
Tailings Water	Potassium, Dissolved	1/13/2014	27.1	mg/L	02_010114_07	
Tailings Water	Selenium, dissolved	1/13/2014	0.0054	mg/L	02_010114_07	
Tailings Water	Selenium, dissolved	1/13/2014	0.0064	mg/L	02_010114_07	
Tailings Water	Sodium, dissolved	1/13/2014	97.2	mg/L	02_010114_07	
Tailings Water	Sulfate	1/13/2014	3510	mg/L	02_010114_07	
Tailings Water	Temperature, Field	1/13/2014	18.2	°C	02_010114_07	
Tailings Water	Total Dissolved Solids	1/13/2014	5100	mg/L	02_010114_07	
Tailings Water	Zinc, dissolved	1/13/2014	635	mg/L	02_010114_07	
Tailings Water	Acidity as CaCO3	2/20/2014	770	mg/L	02_020114_07	
Tailings Water	Aluminum, dissolved	2/20/2014	< 0.005	mg/L	02_020114_07	NOT DETECTED
Tailings Water	Ammonia (As N)	2/20/2014	5.9	mg/L	02_020114_07	
Tailings Water	Cadmium, dissolved	2/20/2014	3.6	mg/L	02_020114_07	
Tailings Water	Calcium, dissolved	2/20/2014	614	mg/L	02_020114_07	
Tailings Water	Chloride	2/20/2014	< 50	mg/L	02_020114_07	NOT DETECTED
Tailings Water	Conductivity, Field	2/20/2014	4557	uS/cm	02_020114_07	
Tailings Water	Copper, dissolved	2/20/2014	< 0.003	mg/L	02_020114_07	NOT DETECTED
Tailings Water	Iron, dissolved	2/20/2014	< 0.02	mg/L	02_020114_07	NOT DETECTED
Tailings Water	Lead, dissolved	2/20/2014	0.6320	mg/L	02_020114_07	
Tailings Water	Magnesium, dissolved	2/20/2014	244	mg/L	02_020114_07	
Tailings Water	Manganese, dissolved	2/20/2014	68.3	mg/L	02_020114_07	
Tailings Water	pH, Field	2/20/2014	7.03	pH Units	02_020114_07	
Tailings Water	Potassium, Dissolved	2/20/2014	24	mg/L	02_020114_07	
Tailings Water	Selenium, dissolved	2/20/2014	0.0048	mg/L	02_020114_07	
Tailings Water	Selenium, dissolved	2/20/2014	0.0061	mg/L	02_020114_07	
Tailings Water	Sodium, dissolved	2/20/2014	103	mg/L	02_020114_07	
Tailings Water	Sulfate	2/20/2014	3690	mg/L	02_020114_07	
Tailings Water	Temperature, Field	2/20/2014	17.9	°C	02_020114_07	
Tailings Water	Total Dissolved Solids	2/20/2014	5580	mg/L	02_020114_07	
Tailings Water	Zinc, dissolved	2/20/2014	514	mg/L	02_020114_07	
Tailings Water	Acidity as CaCO3	3/10/2014	1150	mg/L	02_030114_07	
Tailings Water	Aluminum, dissolved	3/10/2014	0.032	mg/L	02_030114_07	
Tailings Water	Ammonia (As N)	3/10/2014	6.6	mg/L	02_030114_07	
Tailings Water	Cadmium, dissolved	3/10/2014	10.2	mg/L	02_030114_07	
Tailings Water	Calcium, dissolved	3/10/2014	526	mg/L	02_030114_07	
Tailings Water	Chloride	3/10/2014	< 50	mg/L	02_030114_07	NOT DETECTED
Tailings Water	Conductivity, Field	3/10/2014	4937.0	uS/cm	02_030114_07	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Tailings Water	Copper, dissolved	3/10/2014	0.030	mg/L	02_030114_07	
Tailings Water	Iron, dissolved	3/10/2014	0.27	mg/L	02_030114_07	
Tailings Water	Lead, dissolved	3/10/2014	2.3600	mg/L	02_030114_07	
Tailings Water	Magnesium, dissolved	3/10/2014	215	mg/L	02_030114_07	
Tailings Water	Manganese, dissolved	3/10/2014	73.9	mg/L	02_030114_07	
Tailings Water	pH, Field	3/10/2014	6.65	pH Units	02_030114_07	
Tailings Water	Potassium, Dissolved	3/10/2014	23.1	mg/L	02_030114_07	
Tailings Water	Selenium, dissolved	3/10/2014	< 0.1	mg/L	02_030114_07	NOT DETECTED
Tailings Water	Selenium, dissolved	3/10/2014	0.0042	mg/L	02_030114_07	BETWEEN MDL & PQL
Tailings Water	Sodium, dissolved	3/10/2014	91.3	mg/L	02_030114_07	
Tailings Water	Sulfate	3/10/2014	4280	mg/L	02_030114_07	
Tailings Water	Temperature, Field	3/10/2014	18.9	°C	02_030114_07	
Tailings Water	Total Dissolved Solids	3/10/2014	6140	mg/L	02_030114_07	
Tailings Water	Zinc, dissolved	3/10/2014	774	mg/L	02_030114_07	
Tailings Water	Acidity as CaCO3	4/10/2014	750	mg/L	02_040114_07	
Tailings Water	Aluminum, dissolved	4/10/2014	< 0.005	mg/L	02_040114_07	NOT DETECTED
Tailings Water	Ammonia (As N)	4/10/2014	7.5	mg/L	02_040114_07	
Tailings Water	Cadmium, dissolved	4/10/2014	2.40	mg/L	02_040114_07	
Tailings Water	Calcium, dissolved	4/10/2014	604	mg/L	02_040114_07	
Tailings Water	Chloride	4/10/2014	< 50	mg/L	02_040114_07	NOT DETECTED
Tailings Water	Conductivity, Field	4/10/2014	4659	uS/cm	02_040114_07	
Tailings Water	Copper, dissolved	4/10/2014	0.099	mg/L	02_040114_07	
Tailings Water	Iron, dissolved	4/10/2014	< 0.02	mg/L	02_040114_07	NOT DETECTED
Tailings Water	Lead, dissolved	4/10/2014	0.8120	mg/L	02_040114_07	
Tailings Water	Magnesium, dissolved	4/10/2014	232	mg/L	02_040114_07	
Tailings Water	Manganese, dissolved	4/10/2014	66.4	mg/L	02_040114_07	
Tailings Water	pH, Field	4/10/2014	6.29	pH Units	02_040114_07	
Tailings Water	Potassium, Dissolved	4/10/2014	25.1	mg/L	02_040114_07	
Tailings Water	Selenium, dissolved	4/10/2014	< 0.05	mg/L	02_040114_07	NOT DETECTED
Tailings Water	Selenium, dissolved	4/10/2014	0.0034	mg/L	02_040114_07	BETWEEN MDL & PQL
Tailings Water	Sodium, dissolved	4/10/2014	98.9	mg/L	02_040114_07	
Tailings Water	Sulfate	4/10/2014	3870	mg/L	02_040114_07	
Tailings Water	Temperature, Field	4/10/2014	18.3	°C	02_040114_07	
Tailings Water	Total Dissolved Solids	4/10/2014	5590	mg/L	02_040114_07	
Tailings Water	Zinc, dissolved	4/10/2014	497	mg/L	02_040114_07	
Tailings Water	Acidity as CaCO3	5/8/2014	760	mg/L	02_050114_07	
Tailings Water	Aluminum, dissolved	5/8/2014	< 0.005	mg/L	02_050114_07	NOT DETECTED
Tailings Water	Ammonia (As N)	5/8/2014	9.2	mg/L	02_050114_07	
Tailings Water	Cadmium, dissolved	5/8/2014	7.010	mg/L	02_050114_07	
Tailings Water	Calcium, dissolved	5/8/2014	596	mg/L	02_050114_07	
Tailings Water	Chloride	5/8/2014	< 50	mg/L	02_050114_07	NOT DETECTED
Tailings Water	Conductivity, Field	5/8/2014	4573	uS/cm	02_050114_07	
Tailings Water	Copper, dissolved	5/8/2014	0.007	mg/L	02_050114_07	BETWEEN MDL & PQL

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Tailings Water	Iron, dissolved	5/8/2014	< 0.02	mg/L	02_050114_07	NOT DETECTED
Tailings Water	Lead, dissolved	5/8/2014	3.010	mg/L	02_050114_07	
Tailings Water	Magnesium, dissolved	5/8/2014	214	mg/L	02_050114_07	
Tailings Water	Manganese, dissolved	5/8/2014	55.600	mg/L	02_050114_07	
Tailings Water	pH, Field	5/8/2014	6.37	pH Units	02_050114_07	
Tailings Water	Potassium, Dissolved	5/8/2014	28.4	mg/L	02_050114_07	
Tailings Water	Selenium, dissolved	5/8/2014	0.0059	mg/L	02_050114_07	
Tailings Water	Selenium, dissolved	5/8/2014	0.0040	mg/L	02_050114_07	BETWEEN MDL & PQL
Tailings Water	Sodium, dissolved	5/8/2014	109	mg/L	02_050114_07	
Tailings Water	Sulfate	5/8/2014	3850	mg/L	02_050114_07	
Tailings Water	Temperature, Field	5/8/2014	21.9	°C	02_050114_07	
Tailings Water	Total Dissolved Solids	5/8/2014	5480	mg/L	02_050114_07	
Tailings Water	Zinc, dissolved	5/8/2014	547	mg/L	02_050114_07	
Tailings Water	Acidity as CaCO3	6/5/2014	760	mg/L	02_060114_07	
Tailings Water	Aluminum, dissolved	6/5/2014	< 0.005	mg/L	02_060114_07	NOT DETECTED
Tailings Water	Ammonia (As N)	6/5/2014	7	mg/L	02_060114_07	
Tailings Water	Cadmium, dissolved	6/5/2014	8.100	mg/L	02_060114_07	
Tailings Water	Calcium, dissolved	6/5/2014	471	mg/L	02_060114_07	
Tailings Water	Chloride	6/5/2014	< 50	mg/L	02_060114_07	NOT DETECTED
Tailings Water	Conductivity, Field	6/5/2014	4053	uS/cm	02_060114_07	
Tailings Water	Copper, dissolved	6/5/2014	0.006	mg/L	02_060114_07	BETWEEN MDL & PQL
Tailings Water	Iron, dissolved	6/5/2014	< 0.02	mg/L	02_060114_07	NOT DETECTED
Tailings Water	Lead, dissolved	6/5/2014	3.460	mg/L	02_060114_07	
Tailings Water	Magnesium, dissolved	6/5/2014	175	mg/L	02_060114_07	
Tailings Water	Manganese, dissolved	6/5/2014	47.00	mg/L	02_060114_07	
Tailings Water	pH, Field	6/5/2014	6.69	pH Units	02_060114_07	
Tailings Water	Potassium, Dissolved	6/5/2014	23.7	mg/L	02_060114_07	
Tailings Water	Selenium, dissolved	6/5/2014	0.0055	mg/L	02_060114_07	
Tailings Water	Selenium, dissolved	6/5/2014	< 0.005	mg/L	02_060114_07	NOT DETECTED
Tailings Water	Sodium, dissolved	6/5/2014	83.3	mg/L	02_060114_07	
Tailings Water	Sulfate	6/5/2014	3630	mg/L	02_060114_07	
Tailings Water	Temperature, Field	6/5/2014	21.8	°C	02_060114_07	
Tailings Water	Total Dissolved Solids	6/5/2014	4650	mg/L	02_060114_07	
Tailings Water	Zinc, dissolved	6/5/2014	523	mg/L	02_060114_07	
Tailings Water	Acidity as CaCO3	7/25/2014	669	mg/L	02_070114_07	
Tailings Water	Aluminum, dissolved	7/25/2014	< 0.005	mg/L	02_070114_07	NOT DETECTED
Tailings Water	Ammonia (As N)	7/25/2014	7.1	mg/L	02_070114_07	
Tailings Water	Cadmium, dissolved	7/25/2014	8.47	mg/L	02_070114_07	
Tailings Water	Calcium, dissolved	7/25/2014	557	mg/L	02_070114_07	
Tailings Water	Chloride	7/25/2014	< 50	mg/L	02_070114_07	NOT DETECTED
Tailings Water	Conductivity, Field	7/25/2014	4297	uS/cm	02_070114_07	
Tailings Water	Copper, dissolved	7/25/2014	< 0.003	mg/L	02_070114_07	NOT DETECTED
Tailings Water	Iron, dissolved	7/25/2014	< 0.1	mg/L	02_070114_07	NOT DETECTED

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Tailings Water	Lead, dissolved	7/25/2014	4.600	mg/L	02_070114_07	
Tailings Water	Magnesium, dissolved	7/25/2014	191	mg/L	02_070114_07	
Tailings Water	Manganese, dissolved	7/25/2014	53.30	mg/L	02_070114_07	
Tailings Water	pH, Field	7/25/2014	6.63	pH Units	02_070114_07	
Tailings Water	Potassium, Dissolved	7/25/2014	21	mg/L	02_070114_07	
Tailings Water	Selenium, dissolved	7/25/2014	0.0048	mg/L	02_070114_07	
Tailings Water	Selenium, dissolved	7/25/2014	0.0042	mg/L	02_070114_07	BETWEEN MDL & PQL
Tailings Water	Sodium, dissolved	7/25/2014	95	mg/L	02_070114_07	
Tailings Water	Sulfate	7/25/2014	3150	mg/L	02_070114_07	
Tailings Water	Temperature, Field	7/25/2014	22.8	°C	02_070114_07	
Tailings Water	Total Dissolved Solids	7/25/2014	5010	mg/L	02_070114_07	
Tailings Water	Zinc, dissolved	7/25/2014	419	mg/L	02_070114_07	
Tailings Water	Acidity as CaCO3	8/1/2014	588	mg/L	02_080114_07	
Tailings Water	Aluminum, dissolved	8/1/2014	< 0.05	mg/L	02_080114_07	NOT DETECTED
Tailings Water	Ammonia (As N)	8/1/2014	5.7	mg/L	02_080114_07	
Tailings Water	Cadmium, dissolved	8/1/2014	6.72	mg/L	02_080114_07	
Tailings Water	Calcium, dissolved	8/1/2014	595	mg/L	02_080114_07	
Tailings Water	Chloride	8/1/2014	< 50	mg/L	02_080114_07	NOT DETECTED
Tailings Water	Conductivity, Field	8/1/2014	4236	uS/cm	02_080114_07	
Tailings Water	Copper, dissolved	8/1/2014	0.009	mg/L	02_080114_07	BETWEEN MDL & PQL
Tailings Water	Iron, dissolved	8/1/2014	< 0.1	mg/L	02_080114_07	NOT DETECTED
Tailings Water	Lead, dissolved	8/1/2014	4.080	mg/L	02_080114_07	
Tailings Water	Magnesium, dissolved	8/1/2014	199	mg/L	02_080114_07	
Tailings Water	Manganese, dissolved	8/1/2014	55.40	mg/L	02_080114_07	
Tailings Water	pH, Field	8/1/2014	6.7	pH Units	02_080114_07	
Tailings Water	Potassium, Dissolved	8/1/2014	19	mg/L	02_080114_07	
Tailings Water	Selenium, dissolved	8/1/2014	0.0117	mg/L	02_080114_07	
Tailings Water	Selenium, dissolved	8/1/2014	0.0032	mg/L	02_080114_07	BETWEEN MDL & PQL
Tailings Water	Sodium, dissolved	8/1/2014	97	mg/L	02_080114_07	
Tailings Water	Sulfate	8/1/2014	3150	mg/L	02_080114_07	
Tailings Water	Temperature, Field	8/1/2014	25	°C	02_080114_07	
Tailings Water	Total Dissolved Solids	8/1/2014	4770	mg/L	02_080114_07	
Tailings Water	Zinc, dissolved	8/1/2014	379	mg/L	02_080114_07	
Tailings Water	Acidity as CaCO3	9/22/2014	468	mg/L	02_090114_07	
Tailings Water	Aluminum, dissolved	9/22/2014	< 0.01	mg/L	02_090114_07	NOT DETECTED
Tailings Water	Ammonia (As N)	9/22/2014	7.7	mg/L	02_090114_07	
Tailings Water	Cadmium, dissolved	9/22/2014	0.232	mg/L	02_090114_07	
Tailings Water	Calcium, dissolved	9/22/2014	601	mg/L	02_090114_07	
Tailings Water	Chloride	9/22/2014	< 50	mg/L	02_090114_07	NOT DETECTED
Tailings Water	Conductivity, Field	9/22/2014	4455	uS/cm	02_090114_07	
Tailings Water	Copper, dissolved	9/22/2014	< 0.003	mg/L	02_090114_07	NOT DETECTED
Tailings Water	Iron, dissolved	9/22/2014	0.02	mg/L	02_090114_07	BETWEEN MDL & PQL
Tailings Water	Lead, dissolved	9/22/2014	2.630	mg/L	02_090114_07	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Tailings Water	Magnesium, dissolved	9/22/2014	209	mg/L	02_090114_07	
Tailings Water	Manganese, dissolved	9/22/2014	52.400	mg/L	02_090114_07	
Tailings Water	pH, Field	9/22/2014	6.45	pH Units	02_090114_07	
Tailings Water	Potassium, Dissolved	9/22/2014	19.2	mg/L	02_090114_07	
Tailings Water	Selenium, dissolved	9/22/2014	0.005	mg/L	02_090114_07	
Tailings Water	Selenium, dissolved	9/22/2014	0.0041	mg/L	02_090114_07	BETWEEN MDL & PQL
Tailings Water	Sodium, dissolved	9/22/2014	164	mg/L	02_090114_07	
Tailings Water	Sulfate	9/22/2014	3250	mg/L	02_090114_07	
Tailings Water	Temperature, Field	9/22/2014	22.0	°C	02_090114_07	
Tailings Water	Total Dissolved Solids	9/22/2014	5160	mg/L	02_090114_07	
Tailings Water	Zinc, dissolved	9/22/2014	296	mg/L	02_090114_07	
Tailings Water	Acidity as CaCO3	10/17/2014	704	mg/L	02_100114_07	
Tailings Water	Aluminum, dissolved	10/17/2014	0.003	mg/L	02_100114_07	BETWEEN MDL & PQL
Tailings Water	Ammonia (As N)	10/17/2014	7.2	mg/L	02_100114_07	
Tailings Water	Cadmium, dissolved	10/17/2014	5.93	mg/L	02_100114_07	
Tailings Water	Calcium, dissolved	10/17/2014	553	mg/L	02_100114_07	
Tailings Water	Chloride	10/17/2014	< 50	mg/L	02_100114_07	NOT DETECTED
Tailings Water	Conductivity, Field	10/17/2014	4498	uS/cm	02_100114_07	
Tailings Water	Copper, dissolved	10/17/2014	0.0111	mg/L	02_100114_07	
Tailings Water	Iron, dissolved	10/17/2014	< 0.02	mg/L	02_100114_07	NOT DETECTED
Tailings Water	Lead, dissolved	10/17/2014	2.210	mg/L	02_100114_07	
Tailings Water	Magnesium, dissolved	10/17/2014	223	mg/L	02_100114_07	
Tailings Water	Manganese, dissolved	10/17/2014	56.40	mg/L	02_100114_07	
Tailings Water	pH, Field	10/17/2014	5.47	pH Units	02_100114_07	
Tailings Water	Potassium, Dissolved	10/17/2014	16.6	mg/L	02_100114_07	
Tailings Water	Selenium, dissolved	10/17/2014	0.0069	mg/L	02_100114_07	
Tailings Water	Selenium, dissolved	10/17/2014	0.0030	mg/L	02_100114_07	BETWEEN MDL & PQL
Tailings Water	Sodium, dissolved	10/17/2014	117	mg/L	02_100114_07	
Tailings Water	Sulfate	10/17/2014	2980	mg/L	02_100114_07	
Tailings Water	Temperature, Field	10/17/2014	17.7	°C	02_100114_07	
Tailings Water	Total Dissolved Solids	10/17/2014	4700	mg/L	02_100114_07	
Tailings Water	Zinc, dissolved	10/17/2014	499	mg/L	02_100114_07	
Tailings Water	Acidity as CaCO3	11/3/2014	696	mg/L	02_110114_07	
Tailings Water	Aluminum, dissolved	11/3/2014	0.008	mg/L	02_110114_07	BETWEEN MDL & PQL
Tailings Water	Ammonia (As N)	11/3/2014	7.3	mg/L	02_110114_07	
Tailings Water	Cadmium, dissolved	11/3/2014	2.560	mg/L	02_110114_07	
Tailings Water	Calcium, dissolved	11/3/2014	574	mg/L	02_110114_07	
Tailings Water	Chloride	11/3/2014	< 50	mg/L	02_110114_07	NOT DETECTED
Tailings Water	Conductivity, Field	11/3/2014	4502	uS/cm	02_110114_07	
Tailings Water	Copper, dissolved	11/3/2014	0.023	mg/L	02_110114_07	
Tailings Water	Iron, dissolved	11/3/2014	0.20	mg/L	02_110114_07	
Tailings Water	Lead, dissolved	11/3/2014	2.4800	mg/L	02_110114_07	
Tailings Water	Magnesium, dissolved	11/3/2014	226	mg/L	02_110114_07	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Tailings Water	Manganese, dissolved	11/3/2014	54.700	mg/L	02_110114_07	
Tailings Water	pH, Field	11/3/2014	6.03	pH Units	02_110114_07	
Tailings Water	Potassium, Dissolved	11/3/2014	18.4	mg/L	02_110114_07	
Tailings Water	Selenium, dissolved	11/3/2014	0.0076	mg/L	02_110114_07	
Tailings Water	Selenium, dissolved	11/3/2014	0.0031	mg/L	02_110114_07	BETWEEN MDL & PQL
Tailings Water	Sodium, dissolved	11/3/2014	107	mg/L	02_110114_07	
Tailings Water	Sulfate	11/3/2014	3320	mg/L	02_110114_07	
Tailings Water	Temperature, Field	11/3/2014	16.4	°C	02_110114_07	
Tailings Water	Total Dissolved Solids	11/3/2014	4610	mg/L	02_110114_07	
Tailings Water	Zinc, dissolved	11/3/2014	473	mg/L	02_110114_07	
Tailings Water	Acidity as CaCO3	12/4/2014	730	mg/L	02_120114_07	
Tailings Water	Aluminum, dissolved	12/4/2014	< 0.02	mg/L	02_120114_07	NOT DETECTED
Tailings Water	Ammonia (As N)	12/4/2014	9.7	mg/L	02_120114_07	
Tailings Water	Cadmium, dissolved	12/4/2014	7.44	mg/L	02_120114_07	
Tailings Water	Calcium, dissolved	12/4/2014	549	mg/L	02_120114_07	
Tailings Water	Chloride	12/4/2014	< 50	mg/L	02_120114_07	NOT DETECTED
Tailings Water	Conductivity, Field	12/4/2014	4423	uS/cm	02_120114_07	
Tailings Water	Copper, dissolved	12/4/2014	< 0.01	mg/L	02_120114_07	NOT DETECTED
Tailings Water	Iron, dissolved	12/4/2014	< 0.02	mg/L	02_120114_07	NOT DETECTED
Tailings Water	Lead, dissolved	12/4/2014	1.410	mg/L	02_120114_07	
Tailings Water	Magnesium, dissolved	12/4/2014	234	mg/L	02_120114_07	
Tailings Water	Manganese, dissolved	12/4/2014	60.40	mg/L	02_120114_07	
Tailings Water	pH, Field	12/4/2014	6.40	pH Units	02_120114_07	
Tailings Water	Potassium, Dissolved	12/4/2014	14.6	mg/L	02_120114_07	
Tailings Water	Selenium, dissolved	12/4/2014	< 0.002	mg/L	02_120114_07	NOT DETECTED
Tailings Water	Selenium, dissolved	12/4/2014	0.0048	mg/L	02_120114_07	BETWEEN MDL & PQL
Tailings Water	Sodium, dissolved	12/4/2014	120	mg/L	02_120114_07	
Tailings Water	Sulfate	12/4/2014	4360	mg/L	02_120114_07	
Tailings Water	Temperature, Field	12/4/2014	19.7	°C	02_120114_07	
Tailings Water	Total Dissolved Solids	12/4/2014	5100	mg/L	02_120114_07	
Tailings Water	Zinc, dissolved	12/4/2014	433	mg/L	02_120114_07	
West Sump	Acidity as CaCO3	1/17/2014	< 10	mg/L	02_010114_03	NOT DETECTED
West Sump	Aluminum, dissolved	1/17/2014	< 0.03	mg/L	02_010114_03	NOT DETECTED
West Sump	Ammonia (As N)	1/17/2014	0.2	mg/L	02_010114_03	BETWEEN MDL & PQL
West Sump	Cadmium, dissolved	1/17/2014	0.0076	mg/L	02_010114_03	
West Sump	Calcium, dissolved	1/17/2014	229	mg/L	02_010114_03	
West Sump	Chloride	1/17/2014	< 10	mg/L	02_010114_03	NOT DETECTED
West Sump	Conductivity, Field	1/17/2014	1145	uS/cm	02_010114_03	
West Sump	Copper, dissolved	1/17/2014	0.0019	mg/L	02_010114_03	BETWEEN MDL & PQL
West Sump	Cyanide, WAD	1/17/2014	< 0.003	mg/L	02_010114_03	NOT DETECTED
West Sump	Iron, dissolved	1/17/2014	2.88	mg/L	02_010114_03	
West Sump	Lead, dissolved	1/17/2014	0.0001	mg/L	02_010114_03	BETWEEN MDL & PQL
West Sump	Magnesium, dissolved	1/17/2014	165	mg/L	02_010114_03	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
West Sump	Manganese, dissolved	1/17/2014	2.61	mg/L	02_010114_03	
West Sump	pH, Field	1/17/2014	6.55	pH Units	02_010114_03	
West Sump	Potassium, Dissolved	1/17/2014	1.7	mg/L	02_010114_03	BETWEEN MDL & PQL
West Sump	Selenium, dissolved	1/17/2014	0.0002	mg/L	02_010114_03	BETWEEN MDL & PQL
West Sump	Selenium, dissolved	1/17/2014	< 0.001	mg/L	02_010114_03	NOT DETECTED
West Sump	Sodium, dissolved	1/17/2014	6.3	mg/L	02_010114_03	
West Sump	Sulfate	1/17/2014	1050	mg/L	02_010114_03	
West Sump	Temperature, Field	1/17/2014	1.9	°C	02_010114_03	
West Sump	Total Dissolved Solids	1/17/2014	1720	mg/L	02_010114_03	
West Sump	Zinc, dissolved	1/17/2014	6.85	mg/L	02_010114_03	
West Sump	Acidity as CaCO3	2/17/2014	< 10	mg/L	02_020114_03	NOT DETECTED
West Sump	Aluminum, dissolved	2/17/2014	0.04	mg/L	02_020114_03	BETWEEN MDL & PQL
West Sump	Ammonia (As N)	2/17/2014	0.3	mg/L	02_020114_03	BETWEEN MDL & PQL
West Sump	Cadmium, dissolved	2/17/2014	0.026	mg/L	02_020114_03	BETWEEN MDL & PQL
West Sump	Calcium, dissolved	2/17/2014	415	mg/L	02_020114_03	
West Sump	Chloride	2/17/2014	< 10	mg/L	02_020114_03	NOT DETECTED
West Sump	Conductivity, Field	2/17/2014	2039	uS/cm	02_020114_03	
West Sump	Copper, dissolved	2/17/2014	0.020	mg/L	02_020114_03	
West Sump	Cyanide, WAD	2/17/2014	< 0.003	mg/L	02_020114_03	NOT DETECTED
West Sump	Iron, dissolved	2/17/2014	2.90	mg/L	02_020114_03	
West Sump	Lead, dissolved	2/17/2014	< 0.0002	mg/L	02_020114_03	NOT DETECTED
West Sump	Magnesium, dissolved	2/17/2014	342	mg/L	02_020114_03	
West Sump	Manganese, dissolved	2/17/2014	5.49	mg/L	02_020114_03	
West Sump	pH, Field	2/17/2014	6.59	pH Units	02_020114_03	
West Sump	Potassium, Dissolved	2/17/2014	2.6	mg/L	02_020114_03	
West Sump	Selenium, dissolved	2/17/2014	0.0004	mg/L	02_020114_03	BETWEEN MDL & PQL
West Sump	Selenium, dissolved	2/17/2014	< 0.001	mg/L	02_020114_03	NOT DETECTED
West Sump	Sodium, dissolved	2/17/2014	10.2	mg/L	02_020114_03	
West Sump	Sulfate	2/17/2014	2010	mg/L	02_020114_03	
West Sump	Temperature, Field	2/17/2014	2.9	°C	02_020114_03	
West Sump	Total Dissolved Solids	2/17/2014	3320	mg/L	02_020114_03	
West Sump	Zinc, dissolved	2/17/2014	10.5	mg/L	02_020114_03	
West Sump	Acidity as CaCO3	3/10/2014	< 10	mg/L	02_030114_03	NOT DETECTED
West Sump	Acidity as CaCO3	3/10/2014	< 10	mg/L	02_030114_03	NOT DETECTED
West Sump	Aluminum, dissolved	3/10/2014	0.07	mg/L	02_030114_03	BETWEEN MDL & PQL
West Sump	Ammonia (As N)	3/10/2014	0.4	mg/L	02_030114_03	BETWEEN MDL & PQL
West Sump	Ammonia (As N)	3/10/2014	0.4	mg/L	02_030114_03	BETWEEN MDL & PQL
West Sump	Cadmium, dissolved	3/10/2014	0.0097	mg/L	02_030114_03	
West Sump	Calcium, dissolved	3/10/2014	329	mg/L	02_030114_03	
West Sump	Chloride	3/10/2014	< 10	mg/L	02_030114_03	NOT DETECTED
West Sump	Chloride	3/10/2014	< 10	mg/L	02_030114_03	NOT DETECTED
West Sump	Conductivity, Field	3/10/2014	1626.0	uS/cm	02_030114_03	
West Sump	Copper, dissolved	3/10/2014	0.002	mg/L	02_030114_03	BETWEEN MDL & PQL

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
West Sump	Cyanide, WAD	3/10/2014	< 0.003	mg/L	02_030114_03	NOT DETECTED
West Sump	Cyanide, WAD	3/10/2014	< 0.003	mg/L	02_030114_03	NOT DETECTED
West Sump	Iron, dissolved	3/10/2014	3.06	mg/L	02_030114_03	
West Sump	Lead, dissolved	3/10/2014	< 0.0002	mg/L	02_030114_03	NOT DETECTED
West Sump	Magnesium, dissolved	3/10/2014	246	mg/L	02_030114_03	
West Sump	Manganese, dissolved	3/10/2014	5.45	mg/L	02_030114_03	
West Sump	pH, Field	3/10/2014	6.39	pH Units	02_030114_03	
West Sump	Potassium, Dissolved	3/10/2014	2.1	mg/L	02_030114_03	
West Sump	Selenium, dissolved	3/10/2014	< 0.005	mg/L	02_030114_03	NOT DETECTED
West Sump	Selenium, dissolved	3/10/2014	< 0.001	mg/L	02_030114_03	NOT DETECTED
West Sump	Sodium, dissolved	3/10/2014	9.2	mg/L	02_030114_03	
West Sump	Sulfate	3/10/2014	1560	mg/L	02_030114_03	
West Sump	Sulfate	3/10/2014	1560	mg/L	02_030114_03	
West Sump	Temperature, Field	3/10/2014	3.8	°C	02_030114_03	
West Sump	Total Dissolved Solids	3/10/2014	2420	mg/L	02_030114_03	
West Sump	Total Dissolved Solids	3/10/2014	2420	mg/L	02_030114_03	
West Sump	Zinc, dissolved	3/10/2014	7.1	mg/L	02_030114_03	
West Sump	Acidity as CaCO3	4/10/2014	< 10	mg/L	02_040114_03	NOT DETECTED
West Sump	Aluminum, dissolved	4/10/2014	0.03	mg/L	02_040114_03	BETWEEN MDL & PQL
West Sump	Ammonia (As N)	4/10/2014	0.3	mg/L	02_040114_03	BETWEEN MDL & PQL
West Sump	Cadmium, dissolved	4/10/2014	0.0063	mg/L	02_040114_03	
West Sump	Calcium, dissolved	4/10/2014	395	mg/L	02_040114_03	
West Sump	Chloride	4/10/2014	6.29	mg/L	02_040114_03	BETWEEN MDL & PQL
West Sump	Conductivity, Field	4/10/2014	1606	uS/cm	02_040114_03	
West Sump	Copper, dissolved	4/10/2014	0.002	mg/L	02_040114_03	BETWEEN MDL & PQL
West Sump	Cyanide, WAD	4/10/2014	< 0.003	mg/L	02_040114_03	NOT DETECTED
West Sump	Iron, dissolved	4/10/2014	2.91	mg/L	02_040114_03	
West Sump	Lead, dissolved	4/10/2014	< 0.0002	mg/L	02_040114_03	NOT DETECTED
West Sump	Magnesium, dissolved	4/10/2014	279	mg/L	02_040114_03	
West Sump	Manganese, dissolved	4/10/2014	3.89	mg/L	02_040114_03	
West Sump	pH, Field	4/10/2014	6.4	pH Units	02_040114_03	
West Sump	Potassium, Dissolved	4/10/2014	2.2	mg/L	02_040114_03	
West Sump	Selenium, dissolved	4/10/2014	< 0.0002	mg/L	02_040114_03	NOT DETECTED
West Sump	Selenium, dissolved	4/10/2014	< 0.001	mg/L	02_040114_03	NOT DETECTED
West Sump	Sodium, dissolved	4/10/2014	10.2	mg/L	02_040114_03	
West Sump	Sulfate	4/10/2014	1750	mg/L	02_040114_03	
West Sump	Temperature, Field	4/10/2014	4.9	°C	02_040114_03	
West Sump	Total Dissolved Solids	4/10/2014	2860	mg/L	02_040114_03	
West Sump	Zinc, dissolved	4/10/2014	5.42	mg/L	02_040114_03	
West Sump	Acidity as CaCO3	5/9/2014	< 10	mg/L	02_050114_03	NOT DETECTED
West Sump	Aluminum, dissolved	5/9/2014	0.09	mg/L	02_050114_03	BETWEEN MDL & PQL
West Sump	Ammonia (As N)	5/9/2014	< 0.1	mg/L	02_050114_03	NOT DETECTED
West Sump	Cadmium, dissolved	5/9/2014	0.0533	mg/L	02_050114_03	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
West Sump	Calcium, dissolved	5/9/2014	222	mg/L	02_050114_03	
West Sump	Chloride	5/9/2014	< 10	mg/L	02_050114_03	NOT DETECTED
West Sump	Conductivity, Field	5/9/2014	1355	uS/cm	02_050114_03	
West Sump	Copper, dissolved	5/9/2014	0.0059	mg/L	02_050114_03	
West Sump	Cyanide, WAD	5/9/2014	< 0.003	mg/L	02_050114_03	NOT DETECTED
West Sump	Iron, dissolved	5/9/2014	2.47	mg/L	02_050114_03	
West Sump	Lead, dissolved	5/9/2014	0.0004	mg/L	02_050114_03	BETWEEN MDL & PQL
West Sump	Magnesium, dissolved	5/9/2014	140	mg/L	02_050114_03	
West Sump	Manganese, dissolved	5/9/2014	1.240	mg/L	02_050114_03	
West Sump	pH, Field	5/9/2014	5.35	pH Units	02_050114_03	
West Sump	Potassium, Dissolved	5/9/2014	1.6	mg/L	02_050114_03	
West Sump	Selenium, dissolved	5/9/2014	0.0011	mg/L	02_050114_03	
West Sump	Selenium, dissolved	5/9/2014	< 0.001	mg/L	02_050114_03	NOT DETECTED
West Sump	Sodium, dissolved	5/9/2014	3.7	mg/L	02_050114_03	
West Sump	Sulfate	5/9/2014	1020	mg/L	02_050114_03	
West Sump	Temperature, Field	5/9/2014	2.6	°C	02_050114_03	
West Sump	Total Dissolved Solids	5/9/2014	1510	mg/L	02_050114_03	
West Sump	Zinc, dissolved	5/9/2014	11.0	mg/L	02_050114_03	
West Sump	Acidity as CaCO3	6/6/2014	< 10	mg/L	02_060114_03	NOT DETECTED
West Sump	Aluminum, dissolved	6/6/2014	0.03	mg/L	02_060114_03	BETWEEN MDL & PQL
West Sump	Ammonia (As N)	6/6/2014	< 0.1	mg/L	02_060114_03	NOT DETECTED
West Sump	Cadmium, dissolved	6/6/2014	0.0014	mg/L	02_060114_03	
West Sump	Calcium, dissolved	6/6/2014	176	mg/L	02_060114_03	
West Sump	Chloride	6/6/2014	7.21	mg/L	02_060114_03	BETWEEN MDL & PQL
West Sump	Conductivity, Field	6/6/2014	815.0	uS/cm	02_060114_03	
West Sump	Copper, dissolved	6/6/2014	0.0015	mg/L	02_060114_03	BETWEEN MDL & PQL
West Sump	Cyanide, WAD	6/6/2014	< 0.003	mg/L	02_060114_03	NOT DETECTED
West Sump	Iron, dissolved	6/6/2014	0.10	mg/L	02_060114_03	
West Sump	Lead, dissolved	6/6/2014	0.0012	mg/L	02_060114_03	
West Sump	Magnesium, dissolved	6/6/2014	94	mg/L	02_060114_03	
West Sump	Manganese, dissolved	6/6/2014	1.280	mg/L	02_060114_03	
West Sump	pH, Field	6/6/2014	7.02	pH Units	02_060114_03	
West Sump	Potassium, Dissolved	6/6/2014	2	mg/L	02_060114_03	
West Sump	Selenium, dissolved	6/6/2014	0.0034	mg/L	02_060114_03	
West Sump	Selenium, dissolved	6/6/2014	0.0025	mg/L	02_060114_03	BETWEEN MDL & PQL
West Sump	Sodium, dissolved	6/6/2014	2.7	mg/L	02_060114_03	
West Sump	Sulfate	6/6/2014	705	mg/L	02_060114_03	
West Sump	Temperature, Field	6/6/2014	1.5	°C	02_060114_03	
West Sump	Total Dissolved Solids	6/6/2014	1160	mg/L	02_060114_03	
West Sump	Zinc, dissolved	6/6/2014	2.31	mg/L	02_060114_03	
West Sump	Acidity as CaCO3	7/25/2014	< 10	mg/L	02_070114_03	NOT DETECTED
West Sump	Aluminum, dissolved	7/25/2014	< 0.03	mg/L	02_070114_03	NOT DETECTED
West Sump	Ammonia (As N)	7/25/2014	0.2	mg/L	02_070114_03	BETWEEN MDL & PQL

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
West Sump	Cadmium, dissolved	7/25/2014	0.0759	mg/L	02_070114_03	
West Sump	Calcium, dissolved	7/25/2014	29.7	mg/L	02_070114_03	
West Sump	Chloride	7/25/2014	< 2.5	mg/L	02_070114_03	NOT DETECTED
West Sump	Conductivity, Field	7/25/2014	378.6	uS/cm	02_070114_03	
West Sump	Copper, dissolved	7/25/2014	0.0059	mg/L	02_070114_03	
West Sump	Cyanide, WAD	7/25/2014	< 0.003	mg/L	02_070114_03	NOT DETECTED
West Sump	Iron, dissolved	7/25/2014	1.33	mg/L	02_070114_03	
West Sump	Lead, dissolved	7/25/2014	0.0001	mg/L	02_070114_03	BETWEEN MDL & PQL
West Sump	Magnesium, dissolved	7/25/2014	23	mg/L	02_070114_03	
West Sump	Manganese, dissolved	7/25/2014	0.911	mg/L	02_070114_03	
West Sump	pH, Field	7/25/2014	5.72	pH Units	02_070114_03	
West Sump	Potassium, Dissolved	7/25/2014	0.4	mg/L	02_070114_03	BETWEEN MDL & PQL
West Sump	Selenium, dissolved	7/25/2014	0.0002	mg/L	02_070114_03	BETWEEN MDL & PQL
West Sump	Selenium, dissolved	7/25/2014	< 0.001	mg/L	02_070114_03	NOT DETECTED
West Sump	Sodium, dissolved	7/25/2014	3.2	mg/L	02_070114_03	
West Sump	Sulfate	7/25/2014	282	mg/L	02_070114_03	
West Sump	Temperature, Field	7/25/2014	5.3	°C	02_070114_03	
West Sump	Total Dissolved Solids	7/25/2014	280	mg/L	02_070114_03	EXCEEDED HOLD TIME
West Sump	Zinc, dissolved	7/25/2014	11.60	mg/L	02_070114_03	
West Sump	Acidity as CaCO3	8/1/2014	< 10	mg/L	02_080114_03	NOT DETECTED
West Sump	Aluminum, dissolved	8/1/2014	< 0.03	mg/L	02_080114_03	NOT DETECTED
West Sump	Ammonia (As N)	8/1/2014	< 0.1	mg/L	02_080114_03	NOT DETECTED
West Sump	Cadmium, dissolved	8/1/2014	0.0069	mg/L	02_080114_03	
West Sump	Calcium, dissolved	8/1/2014	30.6	mg/L	02_080114_03	
West Sump	Chloride	8/1/2014	< 5	mg/L	02_080114_03	NOT DETECTED
West Sump	Conductivity, Field	8/1/2014	267.9	uS/cm	02_080114_03	
West Sump	Copper, dissolved	8/1/2014	0.0048	mg/L	02_080114_03	
West Sump	Cyanide, WAD	8/1/2014	< 0.003	mg/L	02_080114_03	NOT DETECTED
West Sump	Iron, dissolved	8/1/2014	0.33	mg/L	02_080114_03	
West Sump	Lead, dissolved	8/1/2014	0.0013	mg/L	02_080114_03	
West Sump	Magnesium, dissolved	8/1/2014	21.9	mg/L	02_080114_03	
West Sump	Manganese, dissolved	8/1/2014	0.270	mg/L	02_080114_03	
West Sump	pH, Field	8/1/2014	7.45	pH Units	02_080114_03	
West Sump	Potassium, Dissolved	8/1/2014	0.3	mg/L	02_080114_03	BETWEEN MDL & PQL
West Sump	Selenium, dissolved	8/1/2014	0.0002	mg/L	02_080114_03	BETWEEN MDL & PQL
West Sump	Selenium, dissolved	8/1/2014	< 0.001	mg/L	02_080114_03	NOT DETECTED
West Sump	Sodium, dissolved	8/1/2014	3.2	mg/L	02_080114_03	
West Sump	Sulfate	8/1/2014	123	mg/L	02_080114_03	
West Sump	Temperature, Field	8/1/2014	8.9	°C	02_080114_03	
West Sump	Total Dissolved Solids	8/1/2014	240	mg/L	02_080114_03	
West Sump	Zinc, dissolved	8/1/2014	1.91	mg/L	02_080114_03	
West Sump	Acidity as CaCO3	9/25/2014	< 10	mg/L	02_090114_03	NOT DETECTED
West Sump	Aluminum, dissolved	9/25/2014	< 0.03	mg/L	02_090114_03	NOT DETECTED

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
West Sump	Ammonia (As N)	9/25/2014	< 0.1	mg/L	02_090114_03	NOT DETECTED
West Sump	Cadmium, dissolved	9/25/2014	0.0002	mg/L	02_090114_03	BETWEEN MDL & PQL
West Sump	Calcium, dissolved	9/25/2014	24	mg/L	02_090114_03	
West Sump	Chloride	9/25/2014	< 5	mg/L	02_090114_03	NOT DETECTED
West Sump	Conductivity, Field	9/25/2014	213.1	uS/cm	02_090114_03	
West Sump	Copper, dissolved	9/25/2014	0.0005	mg/L	02_090114_03	BETWEEN MDL & PQL
West Sump	Cyanide, WAD	9/25/2014	< 0.003	mg/L	02_090114_03	NOT DETECTED
West Sump	Iron, dissolved	9/25/2014	0.04	mg/L	02_090114_03	BETWEEN MDL & PQL
West Sump	Lead, dissolved	9/25/2014	0.0018	mg/L	02_090114_03	
West Sump	Magnesium, dissolved	9/25/2014	17	mg/L	02_090114_03	
West Sump	Manganese, dissolved	9/25/2014	0.0011	mg/L	02_090114_03	BETWEEN MDL & PQL
West Sump	pH, Field	9/25/2014	7.15	pH Units	02_090114_03	
West Sump	Potassium, Dissolved	9/25/2014	0.6	mg/L	02_090114_03	BETWEEN MDL & PQL
West Sump	Selenium, dissolved	9/25/2014	0.0003	mg/L	02_090114_03	
West Sump	Selenium, dissolved	9/25/2014	< 0.001	mg/L	02_090114_03	NOT DETECTED
West Sump	Sodium, dissolved	9/25/2014	3.2	mg/L	02_090114_03	
West Sump	Sulfate	9/25/2014	125	mg/L	02_090114_03	
West Sump	Temperature, Field	9/25/2014	2.0	°C	02_090114_03	
West Sump	Total Dissolved Solids	9/25/2014	220	mg/L	02_090114_03	
West Sump	Zinc, dissolved	9/25/2014	0.166	mg/L	02_090114_03	
West Sump	Acidity as CaCO3	10/17/2014	< 10	mg/L	02_100114_03	NOT DETECTED
West Sump	Aluminum, dissolved	10/17/2014	< 0.03	mg/L	02_100114_03	NOT DETECTED
West Sump	Ammonia (As N)	10/17/2014	< 0.1	mg/L	02_100114_03	NOT DETECTED
West Sump	Cadmium, dissolved	10/17/2014	0.0319	mg/L	02_100114_03	
West Sump	Calcium, dissolved	10/17/2014	15.9	mg/L	02_100114_03	
West Sump	Chloride	10/17/2014	0.87	mg/L	02_100114_03	BETWEEN MDL & PQL
West Sump	Conductivity, Field	10/17/2014	137.7	uS/cm	02_100114_03	
West Sump	Copper, dissolved	10/17/2014	0.0017	mg/L	02_100114_03	BETWEEN MDL & PQL
West Sump	Cyanide, WAD	10/17/2014	< 0.003	mg/L	02_100114_03	NOT DETECTED
West Sump	Iron, dissolved	10/17/2014	0.51	mg/L	02_100114_03	
West Sump	Lead, dissolved	10/17/2014	0.0066	mg/L	02_100114_03	
West Sump	Magnesium, dissolved	10/17/2014	10.2	mg/L	02_100114_03	
West Sump	Manganese, dissolved	10/17/2014	1.180	mg/L	02_100114_03	
West Sump	pH, Field	10/17/2014	7.22	pH Units	02_100114_03	
West Sump	Potassium, Dissolved	10/17/2014	0.5	mg/L	02_100114_03	BETWEEN MDL & PQL
West Sump	Selenium, dissolved	10/17/2014	0.0001	mg/L	02_100114_03	BETWEEN MDL & PQL
West Sump	Selenium, dissolved	10/17/2014	< 0.001	mg/L	02_100114_03	NOT DETECTED
West Sump	Sodium, dissolved	10/17/2014	3.6	mg/L	02_100114_03	
West Sump	Sulfate	10/17/2014	71.0	mg/L	02_100114_03	
West Sump	Temperature, Field	10/17/2014	2.7	°C	02_100114_03	
West Sump	Total Dissolved Solids	10/17/2014	114	mg/L	02_100114_03	
West Sump	Zinc, dissolved	10/17/2014	7.74	mg/L	02_100114_03	
West Sump	Acidity as CaCO3	11/3/2014	< 10	mg/L	02_110114_03	NOT DETECTED

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
West Sump	Aluminum, dissolved	11/3/2014	< 0.03	mg/L	02_110114_03	NOT DETECTED
West Sump	Ammonia (As N)	11/3/2014	< 0.1	mg/L	02_110114_03	NOT DETECTED
West Sump	Cadmium, dissolved	11/3/2014	0.0004	mg/L	02_110114_03	BETWEEN MDL & PQL
West Sump	Calcium, dissolved	11/3/2014	19.3	mg/L	02_110114_03	
West Sump	Chloride	11/3/2014	< 5	mg/L	02_110114_03	NOT DETECTED
West Sump	Conductivity, Field	11/3/2014	1103	uS/cm	02_110114_03	
West Sump	Copper, dissolved	11/3/2014	< 0.0005	mg/L	02_110114_03	NOT DETECTED
West Sump	Cyanide, WAD	11/3/2014	< 0.003	mg/L	02_110114_03	NOT DETECTED
West Sump	Iron, dissolved	11/3/2014	0.18	mg/L	02_110114_03	
West Sump	Lead, dissolved	11/3/2014	0.0007	mg/L	02_110114_03	
West Sump	Magnesium, dissolved	11/3/2014	12.3	mg/L	02_110114_03	
West Sump	Manganese, dissolved	11/3/2014	0.078	mg/L	02_110114_03	
West Sump	pH, Field	11/3/2014	6.83	pH Units	02_110114_03	
West Sump	Potassium, Dissolved	11/3/2014	0.5	mg/L	02_110114_03	BETWEEN MDL & PQL
West Sump	Selenium, dissolved	11/3/2014	0.0004	mg/L	02_110114_03	
West Sump	Selenium, dissolved	11/3/2014	< 0.001	mg/L	02_110114_03	NOT DETECTED
West Sump	Sodium, dissolved	11/3/2014	3.5	mg/L	02_110114_03	
West Sump	Sulfate	11/3/2014	69.6	mg/L	02_110114_03	
West Sump	Temperature, Field	11/3/2014	2.0	°C	02_110114_03	
West Sump	Total Dissolved Solids	11/3/2014	168	mg/L	02_110114_03	
West Sump	Zinc, dissolved	11/3/2014	0.28	mg/L	02_110114_03	
West Sump	Acidity as CaCO3	12/4/2014	< 10	mg/L	02_120114_03	NOT DETECTED
West Sump	Aluminum, dissolved	12/4/2014	< 0.03	mg/L	02_120114_03	NOT DETECTED
West Sump	Ammonia (As N)	12/4/2014	0.1	mg/L	02_120114_03	BETWEEN MDL & PQL
West Sump	Cadmium, dissolved	12/4/2014	0.0003	mg/L	02_120114_03	BETWEEN MDL & PQL
West Sump	Calcium, dissolved	12/4/2014	65.4	mg/L	02_120114_03	
West Sump	Chloride	12/4/2014	< 2.5	mg/L	02_120114_03	NOT DETECTED
West Sump	Conductivity, Field	12/4/2014	431.3	uS/cm	02_120114_03	
West Sump	Copper, dissolved	12/4/2014	< 0.0005	mg/L	02_120114_03	NOT DETECTED
West Sump	Cyanide, WAD	12/4/2014	0.009	mg/L	02_120114_03	BETWEEN MDL & PQL
West Sump	Iron, dissolved	12/4/2014	0.64	mg/L	02_120114_03	
West Sump	Lead, dissolved	12/4/2014	0.0002	mg/L	02_120114_03	BETWEEN MDL & PQL
West Sump	Magnesium, dissolved	12/4/2014	48.2	mg/L	02_120114_03	
West Sump	Manganese, dissolved	12/4/2014	0.310	mg/L	02_120114_03	
West Sump	pH, Field	12/4/2014	7.95	pH Units	02_120114_03	
West Sump	Potassium, Dissolved	12/4/2014	0.7	mg/L	02_120114_03	BETWEEN MDL & PQL
West Sump	Selenium, dissolved	12/4/2014	0.0005	mg/L	02_120114_03	
West Sump	Selenium, dissolved	12/4/2014	< 0.001	mg/L	02_120114_03	NOT DETECTED
West Sump	Sodium, dissolved	12/4/2014	4.3	mg/L	02_120114_03	
West Sump	Sulfate	12/4/2014	310	mg/L	02_120114_03	
West Sump	Temperature, Field	12/4/2014	1	°C	02_120114_03	
West Sump	Total Dissolved Solids	12/4/2014	512	mg/L	02_120114_03	
West Sump	Zinc, dissolved	12/4/2014	0.43	mg/L	02_120114_03	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
WTP3 Effluent	Acidity as CaCO3	1/13/2014	< 10	mg/L	02_010114_06	NOT DETECTED
WTP3 Effluent	Aluminum, dissolved	1/13/2014	0.03	mg/L	02_010114_06	BETWEEN MDL & PQL
WTP3 Effluent	Ammonia (As N)	1/13/2014	1.4	mg/L	02_010114_06	
WTP3 Effluent	Cadmium, dissolved	1/13/2014	0.0087	mg/L	02_010114_06	
WTP3 Effluent	Calcium, dissolved	1/13/2014	907	mg/L	02_010114_06	
WTP3 Effluent	Chloride	1/13/2014	27.0	mg/L	02_010114_06	BETWEEN MDL & PQL
WTP3 Effluent	Conductivity, Field	1/13/2014	3354	uS/cm	02_010114_06	
WTP3 Effluent	Copper, dissolved	1/13/2014	0.004	mg/L	02_010114_06	BETWEEN MDL & PQL
WTP3 Effluent	Iron, dissolved	1/13/2014	0.09	mg/L	02_010114_06	
WTP3 Effluent	Lead, dissolved	1/13/2014	0.0013	mg/L	02_010114_06	
WTP3 Effluent	Magnesium, dissolved	1/13/2014	51.4	mg/L	02_010114_06	
WTP3 Effluent	Manganese, dissolved	1/13/2014	0.037	mg/L	02_010114_06	
WTP3 Effluent	pH, Field	1/13/2014	9.6	pH Units	02_010114_06	
WTP3 Effluent	Potassium, Dissolved	1/13/2014	16.3	mg/L	02_010114_06	
WTP3 Effluent	Selenium, dissolved	1/13/2014	0.0072	mg/L	02_010114_06	
WTP3 Effluent	Selenium, dissolved	1/13/2014	0.0066	mg/L	02_010114_06	
WTP3 Effluent	Sodium, dissolved	1/13/2014	66.2	mg/L	02_010114_06	
WTP3 Effluent	Sulfate	1/13/2014	2360	mg/L	02_010114_06	
WTP3 Effluent	Temperature, Field	1/13/2014	13.6	°C	02_010114_06	
WTP3 Effluent	Total Dissolved Solids	1/13/2014	3650	mg/L	02_010114_06	
WTP3 Effluent	Zinc, dissolved	1/13/2014	0.041	mg/L	02_010114_06	
WTP3 Effluent	Acidity as CaCO3	2/20/2014	< 10	mg/L	02_020114_06	NOT DETECTED
WTP3 Effluent	Aluminum, dissolved	2/20/2014	0.09	mg/L	02_020114_06	BETWEEN MDL & PQL
WTP3 Effluent	Ammonia (As N)	2/20/2014	4	mg/L	02_020114_06	
WTP3 Effluent	Cadmium, dissolved	2/20/2014	0.0004	mg/L	02_020114_06	BETWEEN MDL & PQL
WTP3 Effluent	Calcium, dissolved	2/20/2014	762	mg/L	02_020114_06	
WTP3 Effluent	Chloride	2/20/2014	26.3	mg/L	02_020114_06	BETWEEN MDL & PQL
WTP3 Effluent	Conductivity, Field	2/20/2014	3222	uS/cm	02_020114_06	
WTP3 Effluent	Copper, dissolved	2/20/2014	0.006	mg/L	02_020114_06	
WTP3 Effluent	Iron, dissolved	2/20/2014	< 0.02	mg/L	02_020114_06	NOT DETECTED
WTP3 Effluent	Lead, dissolved	2/20/2014	0.0006	mg/L	02_020114_06	BETWEEN MDL & PQL
WTP3 Effluent	Magnesium, dissolved	2/20/2014	0.4	mg/L	02_020114_06	BETWEEN MDL & PQL
WTP3 Effluent	Manganese, dissolved	2/20/2014	0.002	mg/L	02_020114_06	BETWEEN MDL & PQL
WTP3 Effluent	pH, Field	2/20/2014	11.26	pH Units	02_020114_06	
WTP3 Effluent	Potassium, Dissolved	2/20/2014	17.6	mg/L	02_020114_06	
WTP3 Effluent	Selenium, dissolved	2/20/2014	0.0064	mg/L	02_020114_06	
WTP3 Effluent	Selenium, dissolved	2/20/2014	0.0059	mg/L	02_020114_06	
WTP3 Effluent	Sodium, dissolved	2/20/2014	69.4	mg/L	02_020114_06	
WTP3 Effluent	Sulfate	2/20/2014	1900	mg/L	02_020114_06	
WTP3 Effluent	Temperature, Field	2/20/2014	11.9	°C	02_020114_06	
WTP3 Effluent	Total Dissolved Solids	2/20/2014	2900	mg/L	02_020114_06	
WTP3 Effluent	Zinc, dissolved	2/20/2014	0.153	mg/L	02_020114_06	
WTP3 Effluent	Acidity as CaCO3	3/10/2014	< 10	mg/L	02_030114_06	NOT DETECTED

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
WTP3 Effluent	Acidity as CaCO3	3/10/2014	< 10	mg/L	02_030114_06	NOT DETECTED
WTP3 Effluent	Aluminum, dissolved	3/10/2014	0.09	mg/L	02_030114_06	BETWEEN MDL & PQL
WTP3 Effluent	Ammonia (As N)	3/10/2014	1.5	mg/L	02_030114_06	
WTP3 Effluent	Ammonia (As N)	3/10/2014	1.5	mg/L	02_030114_06	
WTP3 Effluent	Cadmium, dissolved	3/10/2014	0.0015	mg/L	02_030114_06	
WTP3 Effluent	Calcium, dissolved	3/10/2014	640	mg/L	02_030114_06	
WTP3 Effluent	Chloride	3/10/2014	< 25	mg/L	02_030114_06	NOT DETECTED
WTP3 Effluent	Chloride	3/10/2014	< 25	mg/L	02_030114_06	NOT DETECTED
WTP3 Effluent	Conductivity, Field	3/10/2014	2524.0	uS/cm	02_030114_06	
WTP3 Effluent	Copper, dissolved	3/10/2014	0.002	mg/L	02_030114_06	BETWEEN MDL & PQL
WTP3 Effluent	Iron, dissolved	3/10/2014	0.13	mg/L	02_030114_06	
WTP3 Effluent	Lead, dissolved	3/10/2014	< 0.0002	mg/L	02_030114_06	NOT DETECTED
WTP3 Effluent	Magnesium, dissolved	3/10/2014	5.3	mg/L	02_030114_06	
WTP3 Effluent	Manganese, dissolved	3/10/2014	< 0.001	mg/L	02_030114_06	NOT DETECTED
WTP3 Effluent	pH, Field	3/10/2014	10.02	pH Units	02_030114_06	
WTP3 Effluent	Potassium, Dissolved	3/10/2014	7.5	mg/L	02_030114_06	
WTP3 Effluent	Selenium, dissolved	3/10/2014	0.0073	mg/L	02_030114_06	
WTP3 Effluent	Selenium, dissolved	3/10/2014	0.0071	mg/L	02_030114_06	
WTP3 Effluent	Sodium, dissolved	3/10/2014	42.9	mg/L	02_030114_06	
WTP3 Effluent	Sulfate	3/10/2014	1670	mg/L	02_030114_06	
WTP3 Effluent	Sulfate	3/10/2014	1670	mg/L	02_030114_06	
WTP3 Effluent	Temperature, Field	3/10/2014	19.1	°C	02_030114_06	
WTP3 Effluent	Total Dissolved Solids	3/10/2014	2460	mg/L	02_030114_06	
WTP3 Effluent	Total Dissolved Solids	3/10/2014	2460	mg/L	02_030114_06	
WTP3 Effluent	Zinc, dissolved	3/10/2014	0.043	mg/L	02_030114_06	
WTP3 Effluent	Acidity as CaCO3	4/10/2014	< 10	mg/L	02_040114_06	NOT DETECTED
WTP3 Effluent	Aluminum, dissolved	4/10/2014	0.07	mg/L	02_040114_06	BETWEEN MDL & PQL
WTP3 Effluent	Ammonia (As N)	4/10/2014	1.9	mg/L	02_040114_06	
WTP3 Effluent	Cadmium, dissolved	4/10/2014	0.0012	mg/L	02_040114_06	
WTP3 Effluent	Cadmium, dissolved	4/10/2014	< 0.00024	mg/L	02_040114_06	NOT DETECTED
WTP3 Effluent	Calcium, dissolved	4/10/2014	836	mg/L	02_040114_06	
WTP3 Effluent	Chloride	4/10/2014	31.2	mg/L	02_040114_06	BETWEEN MDL & PQL
WTP3 Effluent	Conductivity, Field	4/10/2014	3378	uS/cm	02_040114_06	
WTP3 Effluent	Copper, dissolved	4/10/2014	0.003	mg/L	02_040114_06	BETWEEN MDL & PQL
WTP3 Effluent	Iron, dissolved	4/10/2014	0.10	mg/L	02_040114_06	
WTP3 Effluent	Iron, dissolved	4/10/2014	0.145	mg/L	02_040114_06	J
WTP3 Effluent	Lead, dissolved	4/10/2014	0.0004	mg/L	02_040114_06	BETWEEN MDL & PQL
WTP3 Effluent	Lead, dissolved	4/10/2014	< 0.078	mg/L	02_040114_06	NOT DETECTED
WTP3 Effluent	Magnesium, dissolved	4/10/2014	47.5	mg/L	02_040114_06	
WTP3 Effluent	Manganese, dissolved	4/10/2014	0.026	mg/L	02_040114_06	
WTP3 Effluent	pH, Field	4/10/2014	9.89	pH Units	02_040114_06	
WTP3 Effluent	Potassium, Dissolved	4/10/2014	18.2	mg/L	02_040114_06	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
WTP3 Effluent	Selenium, dissolved	4/10/2014	0.0065	mg/L	02_040114_06	
WTP3 Effluent	Selenium, dissolved	4/10/2014	0.0056	mg/L	02_040114_06	
WTP3 Effluent	Selenium, dissolved	4/10/2014	0.0069	mg/L	02_040114_06	
WTP3 Effluent	Sodium, dissolved	4/10/2014	75.7	mg/L	02_040114_06	
WTP3 Effluent	Sulfate	4/10/2014	2450	mg/L	02_040114_06	
WTP3 Effluent	Temperature, Field	4/10/2014	9.2	°C	02_040114_06	
WTP3 Effluent	Total Dissolved Solids	4/10/2014	3460	mg/L	02_040114_06	
WTP3 Effluent	Total Dissolved Solids	4/10/2014	3660	mg/L	02_040114_06	
WTP3 Effluent	Zinc, dissolved	4/10/2014	0.118	mg/L	02_040114_06	
WTP3 Effluent	Zinc, dissolved	4/10/2014	0.044	mg/L	02_040114_06	
WTP3 Effluent	Acidity as CaCO3	5/8/2014	< 10	mg/L	02_050114_06	NOT DETECTED
WTP3 Effluent	Aluminum, dissolved	5/8/2014	0.08	mg/L	02_050114_06	BETWEEN MDL & PQL
WTP3 Effluent	Ammonia (As N)	5/8/2014	0.8	mg/L	02_050114_06	
WTP3 Effluent	Cadmium, dissolved	5/8/2014	0.0051	mg/L	02_050114_06	
WTP3 Effluent	Cadmium, dissolved	5/8/2014	0.00712	mg/L	02_050114_06	
WTP3 Effluent	Calcium, dissolved	5/8/2014	721	mg/L	02_050114_06	
WTP3 Effluent	Chloride	5/8/2014	< 25	mg/L	02_050114_06	NOT DETECTED
WTP3 Effluent	Conductivity, Field	5/8/2014	2766	uS/cm	02_050114_06	
WTP3 Effluent	Copper, dissolved	5/8/2014	0.002	mg/L	02_050114_06	BETWEEN MDL & PQL
WTP3 Effluent	Iron, dissolved	5/8/2014	< 0.02	mg/L	02_050114_06	NOT DETECTED
WTP3 Effluent	Iron, dissolved	5/8/2014	< 0.0589	mg/L	02_050114_06	NOT DETECTED
WTP3 Effluent	Lead, dissolved	5/8/2014	0.0006	mg/L	02_050114_06	BETWEEN MDL & PQL
WTP3 Effluent	Lead, dissolved	5/8/2014	< 0.078	mg/L	02_050114_06	NOT DETECTED
WTP3 Effluent	Magnesium, dissolved	5/8/2014	16	mg/L	02_050114_06	
WTP3 Effluent	Manganese, dissolved	5/8/2014	0.007	mg/L	02_050114_06	
WTP3 Effluent	pH, Field	5/8/2014	9.42	pH Units	02_050114_06	
WTP3 Effluent	Potassium, Dissolved	5/8/2014	3.8	mg/L	02_050114_06	
WTP3 Effluent	Selenium, dissolved	5/8/2014	0.0166	mg/L	02_050114_06	
WTP3 Effluent	Selenium, dissolved	5/8/2014	0.0132	mg/L	02_050114_06	
WTP3 Effluent	Selenium, dissolved	5/8/2014	0.0159	mg/L	02_050114_06	
WTP3 Effluent	Sodium, dissolved	5/8/2014	19.9	mg/L	02_050114_06	
WTP3 Effluent	Sulfate	5/8/2014	1940	mg/L	02_050114_06	
WTP3 Effluent	Temperature, Field	5/8/2014	23.3	°C	02_050114_06	
WTP3 Effluent	Total Dissolved Solids	5/8/2014	2830	mg/L	02_050114_06	
WTP3 Effluent	Total Dissolved Solids	5/8/2014	2862	mg/L	02_050114_06	
WTP3 Effluent	Zinc, dissolved	5/8/2014	0.025	mg/L	02_050114_06	
WTP3 Effluent	Zinc, dissolved	5/8/2014	0.018	mg/L	02_050114_06	J
WTP3 Effluent	Acidity as CaCO3	6/5/2014	< 10	mg/L	02_060114_06	NOT DETECTED
WTP3 Effluent	Aluminum, dissolved	6/5/2014	0.13	mg/L	02_060114_06	BETWEEN MDL & PQL
WTP3 Effluent	Ammonia (As N)	6/5/2014	2.2	mg/L	02_060114_06	
WTP3 Effluent	Cadmium, dissolved	6/5/2014	0.0016	mg/L	02_060114_06	
WTP3 Effluent	Calcium, dissolved	6/5/2014	729	mg/L	02_060114_06	
WTP3 Effluent	Chloride	6/5/2014	< 25	mg/L	02_060114_06	NOT DETECTED

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
WTP3 Effluent	Conductivity, Field	6/5/2014	2682	uS/cm	02_060114_06	
WTP3 Effluent	Copper, dissolved	6/5/2014	0.002	mg/L	02_060114_06	BETWEEN MDL & PQL
WTP3 Effluent	Iron, dissolved	6/5/2014	0.09	mg/L	02_060114_06	
WTP3 Effluent	Lead, dissolved	6/5/2014	0.0028	mg/L	02_060114_06	
WTP3 Effluent	Magnesium, dissolved	6/5/2014	2.3	mg/L	02_060114_06	
WTP3 Effluent	Manganese, dissolved	6/5/2014	0.010	mg/L	02_060114_06	
WTP3 Effluent	pH, Field	6/5/2014	10.23	pH Units	02_060114_06	
WTP3 Effluent	Potassium, Dissolved	6/5/2014	5	mg/L	02_060114_06	
WTP3 Effluent	Selenium, dissolved	6/5/2014	0.0157	mg/L	02_060114_06	
WTP3 Effluent	Selenium, dissolved	6/5/2014	0.0127	mg/L	02_060114_06	
WTP3 Effluent	Sodium, dissolved	6/5/2014	34	mg/L	02_060114_06	
WTP3 Effluent	Sulfate	6/5/2014	1980	mg/L	02_060114_06	
WTP3 Effluent	Temperature, Field	6/5/2014	25.4	°C	02_060114_06	
WTP3 Effluent	Total Dissolved Solids	6/5/2014	2630	mg/L	02_060114_06	
WTP3 Effluent	Zinc, dissolved	6/5/2014	0.145	mg/L	02_060114_06	
WTP3 Effluent	Acidity as CaCO3	7/25/2014	< 10	mg/L	02_070114_06	NOT DETECTED
WTP3 Effluent	Aluminum, dissolved	7/25/2014	0.07	mg/L	02_070114_06	BETWEEN MDL & PQL
WTP3 Effluent	Ammonia (As N)	7/25/2014	2	mg/L	02_070114_06	
WTP3 Effluent	Cadmium, dissolved	7/25/2014	0.00146	mg/L	02_070114_06	
WTP3 Effluent	Cadmium, dissolved	7/25/2014	0.0020	mg/L	02_070114_06	
WTP3 Effluent	Calcium, dissolved	7/25/2014	762	mg/L	02_070114_06	
WTP3 Effluent	Chloride	7/25/2014	< 25	mg/L	02_070114_06	NOT DETECTED
WTP3 Effluent	Conductivity, Field	7/25/2014	2914	uS/cm	02_070114_06	
WTP3 Effluent	Copper, dissolved	7/25/2014	0.001	mg/L	02_070114_06	BETWEEN MDL & PQL
WTP3 Effluent	Iron, dissolved	7/25/2014	< 0.0589	mg/L	02_070114_06	NOT DETECTED
WTP3 Effluent	Iron, dissolved	7/25/2014	< 0.04	mg/L	02_070114_06	NOT DETECTED
WTP3 Effluent	Lead, dissolved	7/25/2014	< 0.078	mg/L	02_070114_06	NOT DETECTED
WTP3 Effluent	Lead, dissolved	7/25/2014	0.0010	mg/L	02_070114_06	
WTP3 Effluent	Magnesium, dissolved	7/25/2014	9.4	mg/L	02_070114_06	
WTP3 Effluent	Manganese, dissolved	7/25/2014	0.001	mg/L	02_070114_06	BETWEEN MDL & PQL
WTP3 Effluent	pH, Field	7/25/2014	9.49	pH Units	02_070114_06	
WTP3 Effluent	Potassium, Dissolved	7/25/2014	3.9	mg/L	02_070114_06	
WTP3 Effluent	Selenium, dissolved	7/25/2014	0.0074	mg/L	02_070114_06	
WTP3 Effluent	Selenium, dissolved	7/25/2014	0.0077	mg/L	02_070114_06	
WTP3 Effluent	Selenium, dissolved	7/25/2014	0.0074	mg/L	02_070114_06	
WTP3 Effluent	Sodium, dissolved	7/25/2014	36.2	mg/L	02_070114_06	
WTP3 Effluent	Sulfate	7/25/2014	1850	mg/L	02_070114_06	
WTP3 Effluent	Temperature, Field	7/25/2014	22.5	°C	02_070114_06	
WTP3 Effluent	Total Dissolved Solids	7/25/2014	2978	mg/L	02_070114_06	
WTP3 Effluent	Total Dissolved Solids	7/25/2014	2910	mg/L	02_070114_06	EXCEEDED HOLD TIME
WTP3 Effluent	Zinc, dissolved	7/25/2014	0.035	mg/L	02_070114_06	
WTP3 Effluent	Zinc, dissolved	7/25/2014	0.029	mg/L	02_070114_06	
WTP3 Effluent	Acidity as CaCO3	8/1/2014	< 10	mg/L	02_080114_06	NOT DETECTED

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
WTP3 Effluent	Aluminum, dissolved	8/1/2014	0.27	mg/L	02_080114_06	BETWEEN MDL & PQL
WTP3 Effluent	Ammonia (As N)	8/1/2014	5.1	mg/L	02_080114_06	
WTP3 Effluent	Cadmium, dissolved	8/1/2014	0.0007	mg/L	02_080114_06	BETWEEN MDL & PQL
WTP3 Effluent	Cadmium, dissolved	8/1/2014	0.005	mg/L	02_080114_06	
WTP3 Effluent	Calcium, dissolved	8/1/2014	726	mg/L	02_080114_06	
WTP3 Effluent	Chloride	8/1/2014	< 25	mg/L	02_080114_06	NOT DETECTED
WTP3 Effluent	Conductivity, Field	8/1/2014	2980	uS/cm	02_080114_06	
WTP3 Effluent	Copper, dissolved	8/1/2014	0.003	mg/L	02_080114_06	BETWEEN MDL & PQL
WTP3 Effluent	Iron, dissolved	8/1/2014	< 0.04	mg/L	02_080114_06	NOT DETECTED
WTP3 Effluent	Iron, dissolved	8/1/2014	< 0.0589	mg/L	02_080114_06	NOT DETECTED
WTP3 Effluent	Lead, dissolved	8/1/2014	0.0013	mg/L	02_080114_06	
WTP3 Effluent	Lead, dissolved	8/1/2014	< 0.078	mg/L	02_080114_06	NOT DETECTED
WTP3 Effluent	Magnesium, dissolved	8/1/2014	0.6	mg/L	02_080114_06	BETWEEN MDL & PQL
WTP3 Effluent	Manganese, dissolved	8/1/2014	0.008	mg/L	02_080114_06	
WTP3 Effluent	pH, Field	8/1/2014	11.19	pH Units	02_080114_06	
WTP3 Effluent	Potassium, Dissolved	8/1/2014	2.9	mg/L	02_080114_06	
WTP3 Effluent	Selenium, dissolved	8/1/2014	0.0081	mg/L	02_080114_06	
WTP3 Effluent	Selenium, dissolved	8/1/2014	0.0066	mg/L	02_080114_06	
WTP3 Effluent	Selenium, dissolved	8/1/2014	0.0066	mg/L	02_080114_06	
WTP3 Effluent	Sodium, dissolved	8/1/2014	34.9	mg/L	02_080114_06	
WTP3 Effluent	Sulfate	8/1/2014	1660	mg/L	02_080114_06	
WTP3 Effluent	Temperature, Field	8/1/2014	25	°C	02_080114_06	
WTP3 Effluent	Total Dissolved Solids	8/1/2014	2720	mg/L	02_080114_06	
WTP3 Effluent	Total Dissolved Solids	8/1/2014	2812	mg/L	02_080114_06	
WTP3 Effluent	Zinc, dissolved	8/1/2014	0.497	mg/L	02_080114_06	
WTP3 Effluent	Zinc, dissolved	8/1/2014	0.443	mg/L	02_080114_06	
WTP3 Effluent	Acidity as CaCO3	9/22/2014	< 10	mg/L	02_090114_06	NOT DETECTED
WTP3 Effluent	Aluminum, dissolved	9/22/2014	0.06	mg/L	02_090114_06	BETWEEN MDL & PQL
WTP3 Effluent	Ammonia (As N)	9/22/2014	2.1	mg/L	02_090114_06	
WTP3 Effluent	Cadmium, dissolved	9/22/2014	0.0118	mg/L	02_090114_06	
WTP3 Effluent	Cadmium, dissolved	9/22/2014	0.021	mg/L	02_090114_06	
WTP3 Effluent	Calcium, dissolved	9/22/2014	792	mg/L	02_090114_06	
WTP3 Effluent	Chloride	9/22/2014	< 25	mg/L	02_090114_06	NOT DETECTED
WTP3 Effluent	Conductivity, Field	9/22/2014	3610	uS/cm	02_090114_06	
WTP3 Effluent	Copper, dissolved	9/22/2014	0.003	mg/L	02_090114_06	BETWEEN MDL & PQL
WTP3 Effluent	Iron, dissolved	9/22/2014	0.13	mg/L	02_090114_06	
WTP3 Effluent	Iron, dissolved	9/22/2014	< 0.0589	mg/L	02_090114_06	NOT DETECTED
WTP3 Effluent	Lead, dissolved	9/22/2014	0.0009	mg/L	02_090114_06	BETWEEN MDL & PQL
WTP3 Effluent	Lead, dissolved	9/22/2014	< 0.078	mg/L	02_090114_06	NOT DETECTED
WTP3 Effluent	Magnesium, dissolved	9/22/2014	85.1	mg/L	02_090114_06	
WTP3 Effluent	Manganese, dissolved	9/22/2014	0.037	mg/L	02_090114_06	
WTP3 Effluent	pH, Field	9/22/2014	9.41	pH Units	02_090114_06	
WTP3 Effluent	Potassium, Dissolved	9/22/2014	13	mg/L	02_090114_06	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
WTP3 Effluent	Selenium, dissolved	9/22/2014	0.0052	mg/L	02_090114_06	
WTP3 Effluent	Selenium, dissolved	9/22/2014	0.0033	mg/L	02_090114_06	BETWEEN MDL & PQL
WTP3 Effluent	Selenium, dissolved	9/22/2014	0.0051	mg/L	02_090114_06	
WTP3 Effluent	Sodium, dissolved	9/22/2014	64.1	mg/L	02_090114_06	
WTP3 Effluent	Sulfate	9/22/2014	2290	mg/L	02_090114_06	
WTP3 Effluent	Temperature, Field	9/22/2014	15.9	°C	02_090114_06	
WTP3 Effluent	Total Dissolved Solids	9/22/2014	3660	mg/L	02_090114_06	
WTP3 Effluent	Total Dissolved Solids	9/22/2014	3758	mg/L	02_090114_06	
WTP3 Effluent	Zinc, dissolved	9/22/2014	0.091	mg/L	02_090114_06	
WTP3 Effluent	Zinc, dissolved	9/22/2014	0.016	mg/L	02_090114_06	
WTP3 Effluent	Acidity as CaCO3	10/17/2014	< 10	mg/L	02_100114_06	NOT DETECTED
WTP3 Effluent	Aluminum, dissolved	10/17/2014	0.04	mg/L	02_100114_06	BETWEEN MDL & PQL
WTP3 Effluent	Ammonia (As N)	10/17/2014	1.4	mg/L	02_100114_06	
WTP3 Effluent	Cadmium, dissolved	10/17/2014	0.0263	mg/L	02_100114_06	
WTP3 Effluent	Calcium, dissolved	10/17/2014	696	mg/L	02_100114_06	
WTP3 Effluent	Chloride	10/17/2014	< 25	mg/L	02_100114_06	NOT DETECTED
WTP3 Effluent	Conductivity, Field	10/17/2014	3050	uS/cm	02_100114_06	
WTP3 Effluent	Copper, dissolved	10/17/2014	0.0050	mg/L	02_100114_06	
WTP3 Effluent	Iron, dissolved	10/17/2014	< 0.02	mg/L	02_100114_06	NOT DETECTED
WTP3 Effluent	Lead, dissolved	10/17/2014	0.0008	mg/L	02_100114_06	
WTP3 Effluent	Magnesium, dissolved	10/17/2014	180	mg/L	02_100114_06	
WTP3 Effluent	Manganese, dissolved	10/17/2014	0.199	mg/L	02_100114_06	
WTP3 Effluent	pH, Field	10/17/2014	8.90	pH Units	02_100114_06	
WTP3 Effluent	Potassium, Dissolved	10/17/2014	11.5	mg/L	02_100114_06	
WTP3 Effluent	Selenium, dissolved	10/17/2014	0.0079	mg/L	02_100114_06	
WTP3 Effluent	Selenium, dissolved	10/17/2014	0.0056	mg/L	02_100114_06	
WTP3 Effluent	Sodium, dissolved	10/17/2014	58.5	mg/L	02_100114_06	
WTP3 Effluent	Sulfate	10/17/2014	2250	mg/L	02_100114_06	
WTP3 Effluent	Temperature, Field	10/17/2014	14.3	°C	02_100114_06	
WTP3 Effluent	Total Dissolved Solids	10/17/2014	3670	mg/L	02_100114_06	
WTP3 Effluent	Zinc, dissolved	10/17/2014	0.082	mg/L	02_100114_06	
WTP3 Effluent	Acidity as CaCO3	11/3/2014	< 10	mg/L	02_110114_06	NOT DETECTED
WTP3 Effluent	Aluminum, dissolved	11/3/2014	0.05	mg/L	02_110114_06	BETWEEN MDL & PQL
WTP3 Effluent	Ammonia (As N)	11/3/2014	3	mg/L	02_110114_06	BETWEEN MDL & PQL
WTP3 Effluent	Cadmium, dissolved	11/3/2014	0.0005	mg/L	02_110114_06	BETWEEN MDL & PQL
WTP3 Effluent	Cadmium, dissolved	11/3/2014	< 0.00024	mg/L	02_110114_06	NOT DETECTED
WTP3 Effluent	Calcium, dissolved	11/3/2014	668	mg/L	02_110114_06	
WTP3 Effluent	Chloride	11/3/2014	< 25	mg/L	02_110114_06	NOT DETECTED
WTP3 Effluent	Conductivity, Field	11/3/2014	2234	uS/cm	02_110114_06	
WTP3 Effluent	Copper, dissolved	11/3/2014	0.075	mg/L	02_110114_06	
WTP3 Effluent	Iron, dissolved	11/3/2014	0.30	mg/L	02_110114_06	
WTP3 Effluent	Iron, dissolved	11/3/2014	< 0.0589	mg/L	02_110114_06	NOT DETECTED

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
WTP3 Effluent	Lead, dissolved	11/3/2014	< 0.0002	mg/L	02_110114_06	NOT DETECTED
WTP3 Effluent	Lead, dissolved	11/3/2014	< 0.078	mg/L	02_110114_06	NOT DETECTED
WTP3 Effluent	Magnesium, dissolved	11/3/2014	0.6	mg/L	02_110114_06	BETWEEN MDL & PQL
WTP3 Effluent	Manganese, dissolved	11/3/2014	0.007	mg/L	02_110114_06	
WTP3 Effluent	pH, Field	11/3/2014	10.73	pH Units	02_110114_06	
WTP3 Effluent	Potassium, Dissolved	11/3/2014	5.7	mg/L	02_110114_06	
WTP3 Effluent	Selenium, dissolved	11/3/2014	0.0073	mg/L	02_110114_06	
WTP3 Effluent	Selenium, dissolved	11/3/2014	0.0063	mg/L	02_110114_06	
WTP3 Effluent	Selenium, dissolved	11/3/2014	0.0078	mg/L	02_110114_06	
WTP3 Effluent	Sodium, dissolved	11/3/2014	39.1	mg/L	02_110114_06	
WTP3 Effluent	Sulfate	11/3/2014	1620	mg/L	02_110114_06	
WTP3 Effluent	Temperature, Field	11/3/2014	19.4	°C	02_110114_06	
WTP3 Effluent	Total Dissolved Solids	11/3/2014	2580	mg/L	02_110114_06	
WTP3 Effluent	Total Dissolved Solids	11/3/2014	2604	mg/L	02_110114_06	
WTP3 Effluent	Zinc, dissolved	11/3/2014	0.213	mg/L	02_110114_06	
WTP3 Effluent	Zinc, dissolved	11/3/2014	0.216	mg/L	02_110114_06	
WTP3 Effluent	Acidity as CaCO3	12/4/2014	12	mg/L	02_120114_06	BETWEEN MDL & PQL
WTP3 Effluent	Aluminum, dissolved	12/4/2014	0.06	mg/L	02_120114_06	BETWEEN MDL & PQL
WTP3 Effluent	Ammonia (As N)	12/4/2014	2.5	mg/L	02_120114_06	
WTP3 Effluent	Cadmium, dissolved	12/4/2014	0.019	mg/L	02_120114_06	
WTP3 Effluent	Cadmium, dissolved	12/4/2014	0.018	mg/L	02_120114_06	NOT DETECTED
WTP3 Effluent	Calcium, dissolved	12/4/2014	1000	mg/L	02_120114_06	
WTP3 Effluent	Chloride	12/4/2014	29.0	mg/L	02_120114_06	BETWEEN MDL & PQL
WTP3 Effluent	Conductivity, Field	12/4/2014	4036	uS/cm	02_120114_06	
WTP3 Effluent	Copper, dissolved	12/4/2014	< 0.01	mg/L	02_120114_06	NOT DETECTED
WTP3 Effluent	Iron, dissolved	12/4/2014	0.08	mg/L	02_120114_06	BETWEEN MDL & PQL
WTP3 Effluent	Iron, dissolved	12/4/2014	< 0.0599	mg/L	02_120114_06	NOT DETECTED
WTP3 Effluent	Lead, dissolved	12/4/2014	< 0.002	mg/L	02_120114_06	NOT DETECTED
WTP3 Effluent	Lead, dissolved	12/4/2014	< 0.078	mg/L	02_120114_06	NOT DETECTED
WTP3 Effluent	Magnesium, dissolved	12/4/2014	135	mg/L	02_120114_06	
WTP3 Effluent	Manganese, dissolved	12/4/2014	0.21	mg/L	02_120114_06	
WTP3 Effluent	pH, Field	12/4/2014	9.27	pH Units	02_120114_06	
WTP3 Effluent	Potassium, Dissolved	12/4/2014	16	mg/L	02_120114_06	
WTP3 Effluent	Selenium, dissolved	12/4/2014	< 0.002	mg/L	02_120114_06	NOT DETECTED
WTP3 Effluent	Selenium, dissolved	12/4/2014	0.0044	mg/L	02_120114_06	BETWEEN MDL & PQL
WTP3 Effluent	Selenium, dissolved	12/4/2014	0.0052	mg/L	02_120114_06	
WTP3 Effluent	Sodium, dissolved	12/4/2014	76.8	mg/L	02_120114_06	
WTP3 Effluent	Sulfate	12/4/2014	2460	mg/L	02_120114_06	
WTP3 Effluent	Temperature, Field	12/4/2014	13.7	°C	02_120114_06	
WTP3 Effluent	Total Dissolved Solids	12/4/2014	4110	mg/L	02_120114_06	
WTP3 Effluent	Total Dissolved Solids	12/4/2014	4672	mg/L	02_120114_06	
WTP3 Effluent	Zinc, dissolved	12/4/2014	0.05	mg/L	02_120114_06	BETWEEN MDL & PQL
WTP3 Effluent	Zinc, dissolved	12/4/2014	0.031	mg/L	02_120114_06	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
WTP3 Influent	Acidity as CaCO3	1/13/2014	30300	mg/L	02_010114_04	
WTP3 Influent	Aluminum, dissolved	1/13/2014	940	mg/L	02_010114_04	
WTP3 Influent	Ammonia (As N)	1/13/2014	4	mg/L	02_010114_04	BETWEEN MDL & PQL
WTP3 Influent	Cadmium, dissolved	1/13/2014	74	mg/L	02_010114_04	
WTP3 Influent	Calcium, dissolved	1/13/2014	446	mg/L	02_010114_04	
WTP3 Influent	Chloride	1/13/2014	< 500	mg/L	02_010114_04	NOT DETECTED
WTP3 Influent	Conductivity, Field	1/13/2014	24293	uS/cm	02_010114_04	
WTP3 Influent	Copper, dissolved	1/13/2014	9.83	mg/L	02_010114_04	
WTP3 Influent	Iron, dissolved	1/13/2014	2980	mg/L	02_010114_04	
WTP3 Influent	Lead, dissolved	1/13/2014	0.107	mg/L	02_010114_04	
WTP3 Influent	Magnesium, dissolved	1/13/2014	2090	mg/L	02_010114_04	
WTP3 Influent	Manganese, dissolved	1/13/2014	750	mg/L	02_010114_04	
WTP3 Influent	pH, Field	1/13/2014	2.38	pH Units	02_010114_04	
WTP3 Influent	Potassium, Dissolved	1/13/2014	< 6	mg/L	02_010114_04	NOT DETECTED
WTP3 Influent	Selenium, dissolved	1/13/2014	0.049	mg/L	02_010114_04	
WTP3 Influent	Selenium, dissolved	1/13/2014	0.0164	mg/L	02_010114_04	BETWEEN MDL & PQL
WTP3 Influent	Sodium, dissolved	1/13/2014	26	mg/L	02_010114_04	BETWEEN MDL & PQL
WTP3 Influent	Sulfate	1/13/2014	46500	mg/L	02_010114_04	
WTP3 Influent	Temperature, Field	1/13/2014	19.2	°C	02_010114_04	
WTP3 Influent	Total Dissolved Solids	1/13/2014	52000	mg/L	02_010114_04	
WTP3 Influent	Zinc, dissolved	1/13/2014	12200	mg/L	02_010114_04	
WTP3 Influent	Acidity as CaCO3	2/20/2014	31800	mg/L	02_020114_04	
WTP3 Influent	Aluminum, dissolved	2/20/2014	1000	mg/L	02_020114_04	
WTP3 Influent	Ammonia (As N)	2/20/2014	5	mg/L	02_020114_04	
WTP3 Influent	Cadmium, dissolved	2/20/2014	72	mg/L	02_020114_04	
WTP3 Influent	Calcium, dissolved	2/20/2014	456	mg/L	02_020114_04	
WTP3 Influent	Chloride	2/20/2014	< 500	mg/L	02_020114_04	NOT DETECTED
WTP3 Influent	Conductivity, Field	2/20/2014	23867	uS/cm	02_020114_04	
WTP3 Influent	Copper, dissolved	2/20/2014	9.18	mg/L	02_020114_04	
WTP3 Influent	Iron, dissolved	2/20/2014	3010	mg/L	02_020114_04	
WTP3 Influent	Lead, dissolved	2/20/2014	0.109	mg/L	02_020114_04	
WTP3 Influent	Magnesium, dissolved	2/20/2014	2310	mg/L	02_020114_04	
WTP3 Influent	Manganese, dissolved	2/20/2014	750	mg/L	02_020114_04	
WTP3 Influent	pH, Field	2/20/2014	2.42	pH Units	02_020114_04	
WTP3 Influent	Potassium, Dissolved	2/20/2014	< 4	mg/L	02_020114_04	NOT DETECTED
WTP3 Influent	Selenium, dissolved	2/20/2014	0.037	mg/L	02_020114_04	
WTP3 Influent	Selenium, dissolved	2/20/2014	0.0117	mg/L	02_020114_04	
WTP3 Influent	Sodium, dissolved	2/20/2014	24	mg/L	02_020114_04	
WTP3 Influent	Sulfate	2/20/2014	51400	mg/L	02_020114_04	
WTP3 Influent	Temperature, Field	2/20/2014	7.7	°C	02_020114_04	
WTP3 Influent	Total Dissolved Solids	2/20/2014	52400	mg/L	02_020114_04	
WTP3 Influent	Zinc, dissolved	2/20/2014	12000	mg/L	02_020114_04	
WTP3 Influent	Acidity as CaCO3	3/10/2014	32600	mg/L	02_030114_04	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
WTP3 Influent	Acidity as CaCO3	3/10/2014	32600	mg/L	02_030114_04	
WTP3 Influent	Aluminum, dissolved	3/10/2014	876	mg/L	02_030114_04	
WTP3 Influent	Ammonia (As N)	3/10/2014	7	mg/L	02_030114_04	
WTP3 Influent	Ammonia (As N)	3/10/2014	7	mg/L	02_030114_04	
WTP3 Influent	Cadmium, dissolved	3/10/2014	70	mg/L	02_030114_04	
WTP3 Influent	Calcium, dissolved	3/10/2014	436	mg/L	02_030114_04	
WTP3 Influent	Chloride	3/10/2014	< 500	mg/L	02_030114_04	NOT DETECTED
WTP3 Influent	Chloride	3/10/2014	< 500	mg/L	02_030114_04	NOT DETECTED
WTP3 Influent	Conductivity, Field	3/10/2014	22548.0	uS/cm	02_030114_04	
WTP3 Influent	Copper, dissolved	3/10/2014	8.54	mg/L	02_030114_04	
WTP3 Influent	Iron, dissolved	3/10/2014	2760	mg/L	02_030114_04	
WTP3 Influent	Lead, dissolved	3/10/2014	0.108	mg/L	02_030114_04	
WTP3 Influent	Magnesium, dissolved	3/10/2014	2200	mg/L	02_030114_04	
WTP3 Influent	Manganese, dissolved	3/10/2014	820	mg/L	02_030114_04	
WTP3 Influent	pH, Field	3/10/2014	2.43	pH Units	02_030114_04	
WTP3 Influent	Potassium, Dissolved	3/10/2014	< 4	mg/L	02_030114_04	NOT DETECTED
WTP3 Influent	Selenium, dissolved	3/10/2014	< 2	mg/L	02_030114_04	NOT DETECTED
WTP3 Influent	Selenium, dissolved	3/10/2014	0.0157	mg/L	02_030114_04	BETWEEN MDL & PQL
WTP3 Influent	Selenium, dissolved	3/10/2014	0.038	mg/L	02_030114_04	
WTP3 Influent	Sodium, dissolved	3/10/2014	26	mg/L	02_030114_04	
WTP3 Influent	Sulfate	3/10/2014	46200	mg/L	02_030114_04	
WTP3 Influent	Sulfate	3/10/2014	46200	mg/L	02_030114_04	
WTP3 Influent	Temperature, Field	3/10/2014	13.4	°C	02_030114_04	
WTP3 Influent	Total Dissolved Solids	3/10/2014	66000	mg/L	02_030114_04	
WTP3 Influent	Total Dissolved Solids	3/10/2014	66000	mg/L	02_030114_04	
WTP3 Influent	Zinc, dissolved	3/10/2014	11800	mg/L	02_030114_04	
WTP3 Influent	Acidity as CaCO3	4/10/2014	29500	mg/L	02_040114_04	
WTP3 Influent	Aluminum, dissolved	4/10/2014	894	mg/L	02_040114_04	
WTP3 Influent	Ammonia (As N)	4/10/2014	5	mg/L	02_040114_04	
WTP3 Influent	Cadmium, dissolved	4/10/2014	72	mg/L	02_040114_04	
WTP3 Influent	Cadmium, dissolved	4/10/2014	700.26	mg/L	02_040114_04	
WTP3 Influent	Calcium, dissolved	4/10/2014	434	mg/L	02_040114_04	
WTP3 Influent	Chloride	4/10/2014	< 500	mg/L	02_040114_04	NOT DETECTED
WTP3 Influent	Conductivity, Field	4/10/2014	19409	uS/cm	02_040114_04	
WTP3 Influent	Copper, dissolved	4/10/2014	9.94	mg/L	02_040114_04	
WTP3 Influent	Iron, dissolved	4/10/2014	2810	mg/L	02_040114_04	
WTP3 Influent	Iron, dissolved	4/10/2014	2.971	mg/L	02_040114_04	
WTP3 Influent	Lead, dissolved	4/10/2014	0.138	mg/L	02_040114_04	
WTP3 Influent	Lead, dissolved	4/10/2014	< 0.078	mg/L	02_040114_04	NOT DETECTED
WTP3 Influent	Magnesium, dissolved	4/10/2014	2140	mg/L	02_040114_04	
WTP3 Influent	Manganese, dissolved	4/10/2014	800	mg/L	02_040114_04	
WTP3 Influent	pH, Field	4/10/2014	2.31	pH Units	02_040114_04	
WTP3 Influent	Potassium, Dissolved	4/10/2014	< 4	mg/L	02_040114_04	NOT DETECTED

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
WTP3 Influent	Selenium, dissolved	4/10/2014	< 2	mg/L	02_040114_04	NOT DETECTED
WTP3 Influent	Selenium, dissolved	4/10/2014	0.0264	mg/L	02_040114_04	BETWEEN MDL & PQL
WTP3 Influent	Selenium, dissolved	4/10/2014	0.0238	mg/L	02_040114_04	
WTP3 Influent	Sodium, dissolved	4/10/2014	26	mg/L	02_040114_04	
WTP3 Influent	Sulfate	4/10/2014	46700	mg/L	02_040114_04	
WTP3 Influent	Temperature, Field	4/10/2014	13.7	°C	02_040114_04	
WTP3 Influent	Total Dissolved Solids	4/10/2014	62500	mg/L	02_040114_04	EXCEEDED HOLD TIME
WTP3 Influent	Total Dissolved Solids	4/10/2014	72906	mg/L	02_040114_04	
WTP3 Influent	Zinc, dissolved	4/10/2014	12600	mg/L	02_040114_04	
WTP3 Influent	Zinc, dissolved	4/10/2014	12.068	mg/L	02_040114_04	
WTP3 Influent	Acidity as CaCO3	5/8/2014	33600	mg/L	02_050114_04	
WTP3 Influent	Aluminum, dissolved	5/8/2014	1260	mg/L	02_050114_04	
WTP3 Influent	Ammonia (As N)	5/8/2014	4	mg/L	02_050114_04	BETWEEN MDL & PQL
WTP3 Influent	Cadmium, dissolved	5/8/2014	88.6	mg/L	02_050114_04	
WTP3 Influent	Cadmium, dissolved	5/8/2014	93.236	mg/L	02_050114_04	
WTP3 Influent	Calcium, dissolved	5/8/2014	510	mg/L	02_050114_04	
WTP3 Influent	Chloride	5/8/2014	< 500	mg/L	02_050114_04	NOT DETECTED
WTP3 Influent	Conductivity, Field	5/8/2014	23908	uS/cm	02_050114_04	
WTP3 Influent	Copper, dissolved	5/8/2014	18.0	mg/L	02_050114_04	
WTP3 Influent	Iron, dissolved	5/8/2014	3170	mg/L	02_050114_04	
WTP3 Influent	Iron, dissolved	5/8/2014	356.124	mg/L	02_050114_04	
WTP3 Influent	Lead, dissolved	5/8/2014	0.255	mg/L	02_050114_04	
WTP3 Influent	Lead, dissolved	5/8/2014	0.109	mg/L	02_050114_04	J
WTP3 Influent	Magnesium, dissolved	5/8/2014	2040	mg/L	02_050114_04	
WTP3 Influent	Manganese, dissolved	5/8/2014	559	mg/L	02_050114_04	
WTP3 Influent	pH, Field	5/8/2014	2.21	pH Units	02_050114_04	
WTP3 Influent	Potassium, Dissolved	5/8/2014	< 20	mg/L	02_050114_04	NOT DETECTED
WTP3 Influent	Selenium, dissolved	5/8/2014	0.095	mg/L	02_050114_04	
WTP3 Influent	Selenium, dissolved	5/8/2014	0.0430	mg/L	02_050114_04	BETWEEN MDL & PQL
WTP3 Influent	Selenium, dissolved	5/8/2014	0.0073	mg/L	02_050114_04	
WTP3 Influent	Sodium, dissolved	5/8/2014	< 20	mg/L	02_050114_04	NOT DETECTED
WTP3 Influent	Sulfate	5/8/2014	55300	mg/L	02_050114_04	
WTP3 Influent	Temperature, Field	5/8/2014	15.7	°C	02_050114_04	
WTP3 Influent	Total Dissolved Solids	5/8/2014	68300	mg/L	02_050114_04	
WTP3 Influent	Total Dissolved Solids	5/8/2014	87678	mg/L	02_050114_04	
WTP3 Influent	Zinc, dissolved	5/8/2014	14000	mg/L	02_050114_04	
WTP3 Influent	Zinc, dissolved	5/8/2014	13170.5	mg/L	02_050114_04	
WTP3 Influent	Acidity as CaCO3	6/5/2014	28000	mg/L	02_060114_04	
WTP3 Influent	Aluminum, dissolved	6/5/2014	857	mg/L	02_060114_04	
WTP3 Influent	Ammonia (As N)	6/5/2014	7	mg/L	02_060114_04	
WTP3 Influent	Cadmium, dissolved	6/5/2014	61.23	mg/L	02_060114_04	
WTP3 Influent	Cadmium, dissolved	6/5/2014	54.8	mg/L	02_060114_04	
WTP3 Influent	Calcium, dissolved	6/5/2014	440	mg/L	02_060114_04	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
WTP3 Influent	Chloride	6/5/2014	< 500	mg/L	02_060114_04	NOT DETECTED
WTP3 Influent	Conductivity, Field	6/5/2014	24020	uS/cm	02_060114_04	
WTP3 Influent	Copper, dissolved	6/5/2014	10.10	mg/L	02_060114_04	
WTP3 Influent	Iron, dissolved	6/5/2014	2954.673	mg/L	02_060114_04	
WTP3 Influent	Iron, dissolved	6/5/2014	3110	mg/L	02_060114_04	
WTP3 Influent	Lead, dissolved	6/5/2014	< 0.078	mg/L	02_060114_04	NOT DETECTED
WTP3 Influent	Lead, dissolved	6/5/2014	0.085	mg/L	02_060114_04	
WTP3 Influent	Magnesium, dissolved	6/5/2014	1900	mg/L	02_060114_04	
WTP3 Influent	Manganese, dissolved	6/5/2014	463	mg/L	02_060114_04	
WTP3 Influent	pH, Field	6/5/2014	2.29	pH Units	02_060114_04	
WTP3 Influent	Potassium, Dissolved	6/5/2014	< 4	mg/L	02_060114_04	NOT DETECTED
WTP3 Influent	Selenium, dissolved	6/5/2014	0.0241	mg/L	02_060114_04	
WTP3 Influent	Selenium, dissolved	6/5/2014	0.054	mg/L	02_060114_04	
WTP3 Influent	Selenium, dissolved	6/5/2014	< 0.01	mg/L	02_060114_04	NOT DETECTED
WTP3 Influent	Sodium, dissolved	6/5/2014	26	mg/L	02_060114_04	
WTP3 Influent	Sulfate	6/5/2014	49400	mg/L	02_060114_04	
WTP3 Influent	Temperature, Field	6/5/2014	19.9	°C	02_060114_04	
WTP3 Influent	Total Dissolved Solids	6/5/2014	66246	mg/L	02_060114_04	
WTP3 Influent	Total Dissolved Solids	6/5/2014	54800	mg/L	02_060114_04	EXCEEDED HOLD TIME
WTP3 Influent	Zinc, dissolved	6/5/2014	10955.42	mg/L	02_060114_04	
WTP3 Influent	Zinc, dissolved	6/5/2014	10700	mg/L	02_060114_04	
WTP3 Influent	Acidity as CaCO3	7/25/2014	24600	mg/L	02_070114_04	
WTP3 Influent	Aluminum, dissolved	7/25/2014	721	mg/L	02_070114_04	
WTP3 Influent	Ammonia (As N)	7/25/2014	8	mg/L	02_070114_04	
WTP3 Influent	Cadmium, dissolved	7/25/2014	56.729	mg/L	02_070114_04	
WTP3 Influent	Cadmium, dissolved	7/25/2014	53.3	mg/L	02_070114_04	
WTP3 Influent	Calcium, dissolved	7/25/2014	455	mg/L	02_070114_04	
WTP3 Influent	Chloride	7/25/2014	< 500	mg/L	02_070114_04	NOT DETECTED
WTP3 Influent	Conductivity, Field	7/25/2014	21717	uS/cm	02_070114_04	
WTP3 Influent	Copper, dissolved	7/25/2014	7.86	mg/L	02_070114_04	
WTP3 Influent	Iron, dissolved	7/25/2014	2761.327	mg/L	02_070114_04	
WTP3 Influent	Iron, dissolved	7/25/2014	2730	mg/L	02_070114_04	
WTP3 Influent	Lead, dissolved	7/25/2014	< 0.078	mg/L	02_070114_04	NOT DETECTED
WTP3 Influent	Lead, dissolved	7/25/2014	0.064	mg/L	02_070114_04	
WTP3 Influent	Magnesium, dissolved	7/25/2014	1800	mg/L	02_070114_04	
WTP3 Influent	Manganese, dissolved	7/25/2014	543	mg/L	02_070114_04	
WTP3 Influent	pH, Field	7/25/2014	2.35	pH Units	02_070114_04	
WTP3 Influent	Potassium, Dissolved	7/25/2014	< 10	mg/L	02_070114_04	NOT DETECTED
WTP3 Influent	Selenium, dissolved	7/25/2014	0.0296	mg/L	02_070114_04	
WTP3 Influent	Selenium, dissolved	7/25/2014	0.032	mg/L	02_070114_04	
WTP3 Influent	Selenium, dissolved	7/25/2014	0.0142	mg/L	02_070114_04	
WTP3 Influent	Sodium, dissolved	7/25/2014	40	mg/L	02_070114_04	BETWEEN MDL & PQL
WTP3 Influent	Sulfate	7/25/2014	35400	mg/L	02_070114_04	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
WTP3 Influent	Temperature, Field	7/25/2014	17.2	°C	02_070114_04	
WTP3 Influent	Total Dissolved Solids	7/25/2014	59126	mg/L	02_070114_04	
WTP3 Influent	Total Dissolved Solids	7/25/2014	55400	mg/L	02_070114_04	
WTP3 Influent	Zinc, dissolved	7/25/2014	9765.112	mg/L	02_070114_04	
WTP3 Influent	Zinc, dissolved	7/25/2014	9160	mg/L	02_070114_04	
WTP3 Influent	Acidity as CaCO3	8/1/2014	23300	mg/L	02_080114_04	
WTP3 Influent	Aluminum, dissolved	8/1/2014	636	mg/L	02_080114_04	
WTP3 Influent	Ammonia (As N)	8/1/2014	7	mg/L	02_080114_04	
WTP3 Influent	Cadmium, dissolved	8/1/2014	46.10	mg/L	02_080114_04	
WTP3 Influent	Cadmium, dissolved	8/1/2014	56.547	mg/L	02_080114_04	
WTP3 Influent	Calcium, dissolved	8/1/2014	386	mg/L	02_080114_04	
WTP3 Influent	Chloride	8/1/2014	< 500	mg/L	02_080114_04	NOT DETECTED
WTP3 Influent	Conductivity, Field	8/1/2014	22972	uS/cm	02_080114_04	
WTP3 Influent	Copper, dissolved	8/1/2014	6.91	mg/L	02_080114_04	
WTP3 Influent	Iron, dissolved	8/1/2014	2320	mg/L	02_080114_04	
WTP3 Influent	Iron, dissolved	8/1/2014	2890.156	mg/L	02_080114_04	
WTP3 Influent	Lead, dissolved	8/1/2014	0.019	mg/L	02_080114_04	BETWEEN MDL & PQL
WTP3 Influent	Lead, dissolved	8/1/2014	< 0.078	mg/L	02_080114_04	NOT DETECTED
WTP3 Influent	Magnesium, dissolved	8/1/2014	1720	mg/L	02_080114_04	
WTP3 Influent	Manganese, dissolved	8/1/2014	481	mg/L	02_080114_04	
WTP3 Influent	pH, Field	8/1/2014	2.38	pH Units	02_080114_04	
WTP3 Influent	Potassium, Dissolved	8/1/2014	< 2	mg/L	02_080114_04	NOT DETECTED
WTP3 Influent	Selenium, dissolved	8/1/2014	0.031	mg/L	02_080114_04	
WTP3 Influent	Selenium, dissolved	8/1/2014	0.0084	mg/L	02_080114_04	
WTP3 Influent	Selenium, dissolved	8/1/2014	0.0306	mg/L	02_080114_04	
WTP3 Influent	Sodium, dissolved	8/1/2014	29	mg/L	02_080114_04	
WTP3 Influent	Sulfate	8/1/2014	37000	mg/L	02_080114_04	
WTP3 Influent	Temperature, Field	8/1/2014	20.4	°C	02_080114_04	
WTP3 Influent	Total Dissolved Solids	8/1/2014	52000	mg/L	02_080114_04	
WTP3 Influent	Total Dissolved Solids	8/1/2014	30366	mg/L	02_080114_04	
WTP3 Influent	Zinc, dissolved	8/1/2014	9610	mg/L	02_080114_04	
WTP3 Influent	Zinc, dissolved	8/1/2014	10297.38	mg/L	02_080114_04	
WTP3 Influent	Acidity as CaCO3	9/22/2014	20700	mg/L	02_090114_04	
WTP3 Influent	Aluminum, dissolved	9/22/2014	650	mg/L	02_090114_04	
WTP3 Influent	Ammonia (As N)	9/22/2014	6	mg/L	02_090114_04	
WTP3 Influent	Cadmium, dissolved	9/22/2014	48	mg/L	02_090114_04	
WTP3 Influent	Cadmium, dissolved	9/22/2014	51.397	mg/L	02_090114_04	
WTP3 Influent	Calcium, dissolved	9/22/2014	430	mg/L	02_090114_04	
WTP3 Influent	Chloride	9/22/2014	< 500	mg/L	02_090114_04	NOT DETECTED
WTP3 Influent	Conductivity, Field	9/22/2014	19375	uS/cm	02_090114_04	
WTP3 Influent	Copper, dissolved	9/22/2014	6.19	mg/L	02_090114_04	
WTP3 Influent	Iron, dissolved	9/22/2014	2280	mg/L	02_090114_04	
WTP3 Influent	Iron, dissolved	9/22/2014	2294.987	mg/L	02_090114_04	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
WTP3 Influent	Lead, dissolved	9/22/2014	0.070	mg/L	02_090114_04	
WTP3 Influent	Lead, dissolved	9/22/2014	< 0.078	mg/L	02_090114_04	NOT DETECTED
WTP3 Influent	Magnesium, dissolved	9/22/2014	1700	mg/L	02_090114_04	
WTP3 Influent	Manganese, dissolved	9/22/2014	492	mg/L	02_090114_04	
WTP3 Influent	pH, Field	9/22/2014	2.54	pH Units	02_090114_04	
WTP3 Influent	Potassium, Dissolved	9/22/2014	< 10	mg/L	02_090114_04	NOT DETECTED
WTP3 Influent	Selenium, dissolved	9/22/2014	0.031	mg/L	02_090114_04	
WTP3 Influent	Selenium, dissolved	9/22/2014	0.0081	mg/L	02_090114_04	
WTP3 Influent	Selenium, dissolved	9/22/2014	0.0256	mg/L	02_090114_04	
WTP3 Influent	Sodium, dissolved	9/22/2014	30	mg/L	02_090114_04	BETWEEN MDL & PQL
WTP3 Influent	Sulfate	9/22/2014	33300	mg/L	02_090114_04	
WTP3 Influent	Temperature, Field	9/22/2014	17.7	°C	02_090114_04	
WTP3 Influent	Total Dissolved Solids	9/22/2014	45400	mg/L	02_090114_04	
WTP3 Influent	Total Dissolved Solids	9/22/2014	53970	mg/L	02_090114_04	
WTP3 Influent	Zinc, dissolved	9/22/2014	8200	mg/L	02_090114_04	
WTP3 Influent	Zinc, dissolved	9/22/2014	8895.878	mg/L	02_090114_04	
WTP3 Influent	Acidity as CaCO3	10/17/2014	22700	mg/L	02_100114_04	
WTP3 Influent	Aluminum, dissolved	10/17/2014	778	mg/L	02_100114_04	
WTP3 Influent	Ammonia (As N)	10/17/2014	5	mg/L	02_100114_04	
WTP3 Influent	Cadmium, dissolved	10/17/2014	55	mg/L	02_100114_04	
WTP3 Influent	Calcium, dissolved	10/17/2014	466	mg/L	02_100114_04	
WTP3 Influent	Chloride	10/17/2014	< 500	mg/L	02_100114_04	NOT DETECTED
WTP3 Influent	Conductivity, Field	10/17/2014	20220	uS/cm	02_100114_04	
WTP3 Influent	Copper, dissolved	10/17/2014	8.69	mg/L	02_100114_04	
WTP3 Influent	Iron, dissolved	10/17/2014	2480	mg/L	02_100114_04	
WTP3 Influent	Lead, dissolved	10/17/2014	0.080	mg/L	02_100114_04	
WTP3 Influent	Magnesium, dissolved	10/17/2014	1840	mg/L	02_100114_04	
WTP3 Influent	Manganese, dissolved	10/17/2014	523	mg/L	02_100114_04	
WTP3 Influent	pH, Field	10/17/2014	2.58	pH Units	02_100114_04	
WTP3 Influent	Potassium, Dissolved	10/17/2014	< 10	mg/L	02_100114_04	NOT DETECTED
WTP3 Influent	Selenium, dissolved	10/17/2014	0.035	mg/L	02_100114_04	
WTP3 Influent	Selenium, dissolved	10/17/2014	< 0.02	mg/L	02_100114_04	NOT DETECTED
WTP3 Influent	Sodium, dissolved	10/17/2014	30	mg/L	02_100114_04	BETWEEN MDL & PQL
WTP3 Influent	Sulfate	10/17/2014	36400	mg/L	02_100114_04	
WTP3 Influent	Temperature, Field	10/17/2014	18.7	°C	02_100114_04	
WTP3 Influent	Total Dissolved Solids	10/17/2014	45400	mg/L	02_100114_04	
WTP3 Influent	Zinc, dissolved	10/17/2014	9380	mg/L	02_100114_04	
WTP3 Influent	Acidity as CaCO3	11/3/2014	22800	mg/L	02_110114_04	
WTP3 Influent	Aluminum, dissolved	11/3/2014	775	mg/L	02_110114_04	
WTP3 Influent	Ammonia (As N)	11/3/2014	2	mg/L	02_110114_04	BETWEEN MDL & PQL
WTP3 Influent	Cadmium, dissolved	11/3/2014	52.7	mg/L	02_110114_04	
WTP3 Influent	Cadmium, dissolved	11/3/2014	56.627	mg/L	02_110114_04	
WTP3 Influent	Calcium, dissolved	11/3/2014	464	mg/L	02_110114_04	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
WTP3 Influent	Chloride	11/3/2014	< 500	mg/L	02_110114_04	NOT DETECTED
WTP3 Influent	Conductivity, Field	11/3/2014	30369	uS/cm	02_110114_04	
WTP3 Influent	Copper, dissolved	11/3/2014	7.12	mg/L	02_110114_04	
WTP3 Influent	Iron, dissolved	11/3/2014	2360	mg/L	02_110114_04	
WTP3 Influent	Iron, dissolved	11/3/2014	2618.89	mg/L	02_110114_04	
WTP3 Influent	Lead, dissolved	11/3/2014	0.072	mg/L	02_110114_04	
WTP3 Influent	Lead, dissolved	11/3/2014	0.138	mg/L	02_110114_04	J
WTP3 Influent	Magnesium, dissolved	11/3/2014	1900	mg/L	02_110114_04	
WTP3 Influent	Manganese, dissolved	11/3/2014	553	mg/L	02_110114_04	
WTP3 Influent	pH, Field	11/3/2014	2.61	pH Units	02_110114_04	
WTP3 Influent	Potassium, Dissolved	11/3/2014	< 10	mg/L	02_110114_04	NOT DETECTED
WTP3 Influent	Selenium, dissolved	11/3/2014	0.033	mg/L	02_110114_04	
WTP3 Influent	Selenium, dissolved	11/3/2014	< 0.02	mg/L	02_110114_04	NOT DETECTED
WTP3 Influent	Selenium, dissolved	11/3/2014	0.0278	mg/L	02_110114_04	
WTP3 Influent	Sodium, dissolved	11/3/2014	30	mg/L	02_110114_04	BETWEEN MDL & PQL
WTP3 Influent	Sulfate	11/3/2014	37200	mg/L	02_110114_04	
WTP3 Influent	Temperature, Field	11/3/2014	18	°C	02_110114_04	
WTP3 Influent	Total Dissolved Solids	11/3/2014	41000	mg/L	02_110114_04	
WTP3 Influent	Total Dissolved Solids	11/3/2014	57628	mg/L	02_110114_04	
WTP3 Influent	Zinc, dissolved	11/3/2014	9330	mg/L	02_110114_04	
WTP3 Influent	Zinc, dissolved	11/3/2014	9996.537	mg/L	02_110114_04	
WTP3 Influent	Acidity as CaCO3	12/4/2014	24900	mg/L	02_120114_04	
WTP3 Influent	Aluminum, dissolved	12/4/2014	726	mg/L	02_120114_04	
WTP3 Influent	Ammonia (As N)	12/4/2014	6	mg/L	02_120114_04	BETWEEN MDL & PQL
WTP3 Influent	Cadmium, dissolved	12/4/2014	52.1	mg/L	02_120114_04	
WTP3 Influent	Cadmium, dissolved	12/4/2014	56.141	mg/L	02_120114_04	
WTP3 Influent	Calcium, dissolved	12/4/2014	432	mg/L	02_120114_04	
WTP3 Influent	Chloride	12/4/2014	< 500	mg/L	02_120114_04	NOT DETECTED
WTP3 Influent	Conductivity, Field	12/4/2014	20832	uS/cm	02_120114_04	
WTP3 Influent	Copper, dissolved	12/4/2014	6.94	mg/L	02_120114_04	
WTP3 Influent	Iron, dissolved	12/4/2014	2330	mg/L	02_120114_04	
WTP3 Influent	Iron, dissolved	12/4/2014	3654.76	mg/L	02_120114_04	
WTP3 Influent	Lead, dissolved	12/4/2014	0.07	mg/L	02_120114_04	
WTP3 Influent	Lead, dissolved	12/4/2014	< 0.078	mg/L	02_120114_04	J
WTP3 Influent	Magnesium, dissolved	12/4/2014	1880	mg/L	02_120114_04	
WTP3 Influent	Manganese, dissolved	12/4/2014	591	mg/L	02_120114_04	
WTP3 Influent	pH, Field	12/4/2014	2.53	pH Units	02_120114_04	
WTP3 Influent	Potassium, Dissolved	12/4/2014	< 4	mg/L	02_120114_04	NOT DETECTED
WTP3 Influent	Selenium, dissolved	12/4/2014	0.03	mg/L	02_120114_04	
WTP3 Influent	Selenium, dissolved	12/4/2014	0.0136	mg/L	02_120114_04	BETWEEN MDL & PQL
WTP3 Influent	Selenium, dissolved	12/4/2014	0.0221	mg/L	02_120114_04	
WTP3 Influent	Sodium, dissolved	12/4/2014	30	mg/L	02_120114_04	
WTP3 Influent	Sulfate	12/4/2014	44100	mg/L	02_120114_04	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
WTP3 Influent	Temperature, Field	12/4/2014	16.2	°C	02_120114_04	
WTP3 Influent	Total Dissolved Solids	12/4/2014	51600	mg/L	02_120114_04	
WTP3 Influent	Total Dissolved Solids	12/4/2014	60894	mg/L	02_120114_04	
WTP3 Influent	Zinc, dissolved	12/4/2014	9790	mg/L	02_120114_04	
WTP3 Influent	Zinc, dissolved	12/4/2014	9946.317	mg/L	02_120114_04	

Appendix C: Waste Rock Production Summary Fourth Quarter 2014

Waste Rock Production Summary

Production Month October 2014

Waste Type: Most Reactive Waste

Formation: Ikalukrok

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Pit Dump 3	1,691	5.8%	3.9%	2.7%
Stockpile Use:	**Tonnes**	**Avg. Zinc**	**Avg. Iron**	**Avg. Lead**
Main Pit Dump 2	2,047	4.5%	4.2%	2.1%

Formation: Mixed

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Pit Dump 2	87,754	0.4%	5.2%	0.2%
Stockpile Use:	**Tonnes**	**Avg. Zinc**	**Avg. Iron**	**Avg. Lead**
Main Pit Dump 3	445	0.4%	5.2%	0.2%
Stockpile Use:	**Tonnes**	**Avg. Zinc**	**Avg. Iron**	**Avg. Lead**
Southeast Pit	4,183	0.4%	5.2%	0.2%
Waste Type Subtotal:	96,120			

Waste Type: Other Waste

Formation: Ikalukrok

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Pit Dump 2	34,888	4.2%	1.5%	2.2%
Stockpile Use:	**Tonnes**	**Avg. Zinc**	**Avg. Iron**	**Avg. Lead**
Southeast Pit	5,251	3.7%	1.9%	1.3%

Formation: Kayak

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Southeast Pit	534	0.2%	0.8%	0.0%
Stockpile Use:	**Tonnes**	**Avg. Zinc**	**Avg. Iron**	**Avg. Lead**
Main Pit Dump 2	10,235	0.3%	1.1%	0.1%
Stockpile Use:	**Tonnes**	**Avg. Zinc**	**Avg. Iron**	**Avg. Lead**
Ramp to Nowhere Cover	41,652	0.4%	2.0%	0.2%

Formation: Mixed

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Southeast Pit	55,091	0.4%	2.2%	0.2%
Stockpile Use:	**Tonnes**	**Avg. Zinc**	**Avg. Iron**	**Avg. Lead**
Shelly Creek Ramp	178	0.3%	3.1%	0.0%
Stockpile Use:	**Tonnes**	**Avg. Zinc**	**Avg. Iron**	**Avg. Lead**
Ramp to Nowhere Cover	12,638	0.1%	1.5%	0.0%
Stockpile Use:	**Tonnes**	**Avg. Zinc**	**Avg. Iron**	**Avg. Lead**
North Bank	178	0.3%	3.1%	0.0%
Stockpile Use:	**Tonnes**	**Avg. Zinc**	**Avg. Iron**	**Avg. Lead**
Main pit dump 4	28,747	0.4%	2.3%	0.0%
Stockpile Use:	**Tonnes**	**Avg. Zinc**	**Avg. Iron**	**Avg. Lead**
Main Pit Dump 3	15,931	0.3%	3.0%	0.1%
Stockpile Use:	**Tonnes**	**Avg. Zinc**	**Avg. Iron**	**Avg. Lead**
Landfill @MWD	1,958	0.3%	2.6%	0.1%

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Pit Dump 2	543,790	0.3%	2.1%	0.2%
Waste Type Subtotal:	751,071			
Total tonnes for month:	**847,191**			

Production Month November 2014

Waste Type: Most Reactive Waste

Formation: Ikalukrok

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Pit Dump 2	29,637	1.9%	8.4%	0.9%
Stockpile Use:	**Tonnes**	**Avg. Zinc**	**Avg. Iron**	**Avg. Lead**
Southeast Pit	6,853	1.6%	8.0%	0.8%

Formation: Mixed

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Southeast Pit	3,471	0.4%	5.2%	0.2%
Stockpile Use:	**Tonnes**	**Avg. Zinc**	**Avg. Iron**	**Avg. Lead**
Main Pit Dump 2	11,214	0.4%	5.2%	0.2%
Waste Type Subtotal:	51,175			

Waste Type: Other Waste

Formation: Ikalukrok

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Pit Dump 2	90,691	1.5%	2.1%	0.8%
Stockpile Use:	**Tonnes**	**Avg. Zinc**	**Avg. Iron**	**Avg. Lead**
Southeast Pit	35,244	0.4%	1.7%	0.3%

Formation: Kayak

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Landfill @MWD	1,335	0.4%	2.0%	0.3%
Stockpile Use:	**Tonnes**	**Avg. Zinc**	**Avg. Iron**	**Avg. Lead**
Main Pit Dump 2	186,900	0.5%	2.0%	0.3%
Stockpile Use:	**Tonnes**	**Avg. Zinc**	**Avg. Iron**	**Avg. Lead**
Southeast Pit	445	3.5%	3.5%	0.5%

Formation: Kivalina

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Pit Dump 2	11,481	0.4%	2.1%	0.3%
Stockpile Use:	**Tonnes**	**Avg. Zinc**	**Avg. Iron**	**Avg. Lead**
Southeast Pit	3,026	0.4%	2.1%	0.3%

Formation: Mixed

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Pit Dump 2	484,694	0.4%	2.4%	0.2%
Stockpile Use:	**Tonnes**	**Avg. Zinc**	**Avg. Iron**	**Avg. Lead**
Main Pit Dump 3	5,073	0.3%	2.1%	0.2%
Stockpile Use:	**Tonnes**	**Avg. Zinc**	**Avg. Iron**	**Avg. Lead**
Landfill @MWD	712	0.1%	0.1%	0.1%
Stockpile Use:	**Tonnes**	**Avg. Zinc**	**Avg. Iron**	**Avg. Lead**
Southeast Pit	84,550	0.4%	2.4%	0.3%

Formation: otuk

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Pit Dump 2	17,177	0.3%	2.1%	0.2%
Stockpile Use:	**Tonnes**	**Avg. Zinc**	**Avg. Iron**	**Avg. Lead**
Red Dog Creek Access	712	0.3%	2.1%	0.2%
Waste Type Subtotal:	922,040			

Total tonnes for month: 973,215

Production Month December 2014

Waste Type: Most Reactive Waste

Formation: Mixed

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Pit Dump 2	112,229	0.3%	5.2%	0.2%
Waste Type Subtotal:	112,229			

Waste Type: Other Waste

Formation: Ikalukrok

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Pit Dump 2	2,581	3.5%	3.5%	0.5%

Formation: Kayak

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Pit Dump 2	213,778	0.3%	2.0%	0.2%

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Ramp to Nowhere Cover	92,827	0.4%	1.8%	0.2%

Formation: Mixed

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Southeast Pit	534	1.0%	3.4%	0.5%

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Pit Dump 2	523,409	0.5%	2.3%	0.3%

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Ramp to Nowhere Cover	2,759	0.4%	2.6%	0.3%
Waste Type Subtotal:	835,888			

Total tonnes for month: 948,117

Appendix D: Red Dog One Year Mine Plan 2015

Red Dog Operations

Alaska, USA

ONE YEAR MINE PLAN - 2015

ADDENDUM

JANUARY 2015

Teck

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Distribution List

Red Dog Operations, Teck Alaska Inc.

Senior Vice President – Rob Scott
General Manager – Henri Letient
Operations Manager – John Egan
Mine Superintendent – Todd Smith
Mine General Forman – Tom Farr
Chief Engineer – Mike Harvie
Short Range Planning (2)
Long Range Planning (2)
Projects (1)
Geology (1)
Spares (4)

1. SUMMARY

1.1. Introduction

The 2015 budget mine plan was completed in August of 2014. Several changes were incorporated into the 2015 Amended Mine plan to reflect some of the crucial changes in pit development and ore scheduling.

1) The South wall of Aqqaluk will not be mined until the 4th quarter of 2015. The Red Dog Creek culvert was not relocated on MPD 3. The budget 2015 Mine Plan assumed that the culvert was moved in the 4th quarter of 2014 allowing the south wall to be mined. This resulted in significant changes to the 2015 mine plan, namely that the access planned into the lower benches was no longer feasible as currently designed and ore allotted for 2015 could no longer be used for stockpile blending.
2) Low grade, baritic marginal ore above a cutoff of $xx/tonne will be used in stockpile blending. Stockpiles with high barite content (>7%) were fed to the mill throughout the year with record-breaking metal concentrate production. In the later part of 2014, stockpiles were fed with barite above 15% with high throughput and excellent metal recoveries.
3) Ore tons mined in 2015 were increased to match a target mill throughput rate of 525 tonnes per operating hour. The budgeted 2015 mine plan used 500 tonnes per operating hour as the target mill rate.
4) Average Zinc grade was lowered to xx.x% to accommodate the higher barite content of the ore required to achieve the target mill rate of 525 tonnes per operating hour. Barite content in the mill feed was increased to 12.5%.
5) Main Dam widening planned for 2014 was deferred until 2015. Half of the Main Dam widening (up to the 935 Elevation) was scheduled to be completed in the third quarter of 2014. Almost all of the Main Dam widening hours were deferred to 2015 so that the budgeted waste haulage could be maintained in spite of the additional ore tonnes that were required to meet the mill's high throughput. The entire widening project will be completed in 2015 in preparation for the six-foot raise of the Main Dam in 2016. The Main Dam widening will result in significantly less waste stripping in 2015.
6) Progression through the reactive zone on the 925 bench will continue throughout the first half of the year in 2015. The budget 2015 plan assumed that Phase 2 of the 925 bench would have been mined out in 2014. Due to the necessity of using blasthole shot bags in the 925 bench reactive zone, the zone was sterilized until shot bags in sufficient quantity and quality could be secured by the Mine Department. Mining will resume on the 925 bench starting in January.
7) Non-reactive, baritic marginal ore may be stockpiled on the Methanol Pad for future milling. The budget 2015 mine plan assumed that baritic, marginal ore would be treated like waste and sent to the Main Pit Dump (MPD). This will decrease the productivity of waste haulage.

1.2. Mine Planning Parameters

Scheduling for the 2015 Amended Mine Plan is based on the RED 2012-D model created at the end of December. The goal of the RED 2012-D model is to more accurately predict the milling throughput (TPH) of baritic ore and thus assign a higher dollar value per tonne to baritic material. The RED 2012-D model also features a lower dollar per tonne cutoff applied only to baritic material. The cutoff value of $xxx/tonne was applied to rock fitting this description. After the mineable cuts were selected and tailored for the 2014 end of year surface, several cutoffs were applied to the cuts to determine which was the best to use for the goals of Red Dog, as well as the feasibility of mining. The $xxx/tonne cutoff most closely matched the desired concentrate production with the lower zinc grade, higher barium content, desired ore tonnes, and the feasibility of mill throughput.

1.3. Mine Production

The Amended 2015 Mine Plan forecasts 12,843 kt of total mine production all from the Aqqaluk Pit. The scheduled ore haulage for the year is 4,360 kt at xx.x% Zn and xx.x% Pb. The scheduled waste haulage for 2015 is 8,483 kt.

Table 1-1 2015 Mine Plan Summary

	Aqqaluk Pit
Total (tonne)	12,843,659
Ore (tonne)	4,360,039
Zn (%)	xx.x
Pb (%)	x.x
Waste (tonne)	8,483,620
Strip Ratio	2.02

1.4. Equipment Fleets

Nine haul trucks will be required to maintain production and project haulage for quarters one through three. A tenth truck will be required in the fourth quarter. The two project trucks (78-06 and 78-08) will be used to supplement this need.

Starting in June and ending in September, a rental dozer will be required to work on the Main Dam Widening lifts. The dozer hours required by the Main Dam Widening project exceed the capacity of our current fleet even over the course of 4 months.

The 2015 equipment schedule is shown in Table 1-2.

Table 1-2 2015 Equipment Schedule

Equipment	Description	Q1	Q2	Q3	Q4
Drills	DML	3	3	3	3
Trucks	777	9	9	9	10
Loaders	992/993	5	5	5	5
Dozers	D9/D10	4	4.3	5	4

1.5. Risks

1) Near Surface Block Model Inaccuracy

It is expected that block model inaccuracies in the benches just below the original ground surface will continue as new pits and new pushback phases are pioneered. The ore and waste tonnage and ore grade estimate accuracy during 2015 will be poorer than the historical average.

2) High Silica, Low Barite and Fine Grain Ore Content in Stockpiles

High silica and fine grain ore (Type 8) content in stockpiles causes challenges with metal recovery in the mill, because high silica rock is harder to grind, and fine grain rock must be ground to a smaller diameter to achieve good liberation of the zinc or lead minerals from the gangue. Higher barium grades are generally desirable, as baritic rock is relatively soft and allows for high throughput in the mill grinding circuit. The average barium grade for 2015 is lower than the average mill feed in 2014, so it will be important to mix the ore with high barium content evenly among stockpiles. In addition, building stockpiles with ore from several areas of the pit will reduce the proportion that is high silica or high Type 8 rock from a particular location. Planning for fine grain ore is also challenging because it is not included in the block model.

3) Aqqaluk Pit Highwall Slope Stability

There are currently three significant zones of concern across Aqqaluk highwalls. These areas are now identified as “Risk Areas” on planning maps. The areas are:

- Risk Area 1 (High Risk) – Located below the 900 bench in the Southeast portion of the pit and involves a three-bench failure, which occurred in early July 2013 as result of baritic rock failing along steeply dipping shales.
- Risk Area 2 (High Risk) – This large area on the upper northeast wall of Aqqaluk continues to exhibit instability and movement due to the shearing, foliation and weakness of the Kayak shales. The portion of the ramp on 1025 bench along this wall was stepped out, and the remainder of the bench below the wall has a roll out berm. This zone will be mined out in Q1.
- Risk Area 4 (Medium Risk) - Located in the southeast corner of the Aqqaluk Pit, this risk area is caused by the intersection of steeply dipping shale bedding and steeply plunging joint surfaces in the barite contact.

In addition to inherent geotechnical structure causing issues, blasting on upper benches has filled the catch benches in the highwall in some areas. Blasting technique and mining sequence will be altered while mining the remaining upper benches to limit the filling of catch benches. Additional width will also be included in catch benches at regular intervals, and interim highwalls between phases will be limited to four benches in height.

4) Self-Heating Rock in West Aqqaluk

The presence of self-heating rock in the upper west benches of Aqqaluk requires special precautions to be taken during mining. The self-heating rock has the potential to generate SO2 gas at dangerous concentrations. The material is mined using spotters, SCBA, heat guns, and gas monitors to ensure the material is safely moved. Self-heating ore is placed only on the fifth lift of the stockpile to ensure the rock reacts completely with the atmosphere.

5) Reactive Rock Zones

Areas of the 925 and 900 benches have been delineated as Reactive Zones due to the potential of the rock to react violently with the Ammonium Nitrate (AN) used in the explosives. Blasting in these zones will be conducted using shot bags or liners to eliminate the potential for the explosives to come in contact with the reactive rock. Explosive product that is placed in these bags will use urea as an inhibiting agent. Blasts in this zone will take place within 12 hours of loading the first hole on the pattern to further reduce the time the rock has to react with the AN.

6) Main Pit Dump Stability

Main Pit dump stability will be constantly monitored and evaluated. Efforts to retain the longest strike length for dumping must be made to ensure constant availability for waste disposal. Proper blending of varying waste materials will be critical.

7) Mill Feed Blending

A challenge to maintain mill feed requirements will be our ability to plan for varying ore grades. Challenges include difficult sequencing of ore/waste, maintaining accesses for drilling and mining, and congestion of mining equipment.

8) Project Equipment Hours

The Main Dam widening project was deferred in 2014 in order to meet budget material movement and high mill throughput. The entire project must be completed this year in order to complete the Main Dam raise project in 2016. The extensive amount of hours required for Main Dam haulage and the multiple material sites' drilling projects may affect waste stripping more than forecasted in this plan. Measures have been taken to reduce cycle times by deferring some cover material storage into 2016 and 2017.

1.6. Opportunities

1) Mine to Mill Initiative

The opportunity exists to increase profitability through coordinated optimization of fragmentation to maximize mill throughput. This will also mitigate the negative throughput impact of higher silica mill feed in the future.

Implementation of high energy (HE) blasting in ore shots began in June 2013. To achieve HE blasting results, the target powder factor is greater than 0.4 kg/tonne. The mine technical group will also trial the fragmentation software to measure run-of-mine (ROM) fragmentation.

Another component of feeding the optimum stockpile to the mill is reducing dilution and increasing recovery of ore. To reduce the dilution of ore from blasting, the mine technical group

will continue to use choke blasting and split timing to reduce mixing areas of different grades. This can apply to waste contacts with ore as well as contacts between ore of different grades.

Geology, ore control and survey are working to reduce dilution and increase recovery by marking the ore and waste cuts in muck piles with GPS survey equipment.

Additional aspects of mine to mill include:

- additional characterization of ore parameters to use in blast designs,
- online particle size analysis and tracking of ore properties from the blast pattern to the primary mills,
- simulating key processes to predict process changes,
- modifications to grinding circuit to take advantage of finer feed,
- improvement in stockpile grade predictions, and
- quantification of improvements to throughput and overall profitability.

2) Equipment Modernization Projects

Installation of GPS guidance and wireless data connections on production drills was completed in 2014. Utilization is expected to increase productivity in the equipment fleet, increase survey availability, enhance field safety, and improve blast performance. Additional opportunities to maximize the benefit from the GPS system include:

- a wireless trailer was placed at the viewpoint to maximize the amount of wireless coverage in the pit. Consistent coverage will avoid loss of accuracy that requires physical layout of blasthole locations by survey,
- use of a handheld GPS receiver by the geotechnical staff completing hazard mapping on new drill patterns; eliminating the current practice of physically laying out blastholes near crests and highwalls, and
- further training of engineering, survey and operations personnel to support and troubleshoot the GPS system.

Seven of eight haul trucks and two loaders have Wenco fleet management systems installed. The Vital Information Management System (VIMS) on the truck fleet was connected to the Wenco Octagons as well. Payload data from three haul trucks is currently being transmitted via wireless signal into the Wenco database. Together these systems can more accurately track the location, activities and other key parameters of the production equipment. There are many expected benefits of these systems, but some of the immediate benefits expected are:

- more accurate tracking of standby time and operating delays, which will help identify areas to target for improving use of availability and operating efficiency,
- accurate load mass measurement, leading to higher productivity through less under-loading, higher availability through less over-loading, and more accurate stockpile forecasts through a more accurate accounting of the ore hauled to the stockpile, and
- tracking of tonne-miles-per-hour (TMPH) on truck and loader tires, leading to longer tire life by reducing overheating of tires.

3) Production Efficiencies

Maintaining three benches with ore production, along with an additional one or two waste benches will increase efficiency and maximize production. Multiple haulage paths mitigate access and haulage issues. Engineering will be required to design all haulage ramps to be completed by a dozer with GPS to ensure consistent and appropriate grades are maintained. Haul widths will be maintained to accommodate two lane haul traffic to minimize cycle times.

4) Improving Stockpile Performance

Stockpile performance, in terms variation of stockpile release vs. mill assay grades, is a challenge in Aqqaluk pit. Possible causes of variation are:

- inaccurate blasthole assays,
- inconsistent stockpile construction,
- dilution or poor identification of ore in the pit, and
- errors caused by having a single constant load factor for ore tonnes for the 777 fleet.

Geology, mine engineering and mine operations are working to improve the performance of stockpiles. The top initiatives underway are:

- Implementation of VIMS (Vital Information Management System) payload management and Wenco has been initiated to accurately track load factor and material placement. These systems will also provide key information to Operations and Maintenance.
- Reviewing the short term block model. Inaccuracies were identified in the Blast Hole Model when compared to the actual Mill Feed values. As a result, the Resource Model is currently being used for short range planning as it has proven to be more accurate. Geology is pursuing the generation of a smaller block model (12.5’ cubed versus 25’ cubed) to test as the Blast Hole Model. This is anticipated to narrow the gap between the current Blast Hole Model and the Mill Feed values.
- Dilution of ore through blasting and mining activities has also been identified as a contributor to lower than expected stockpile performance. In order to combat this, a handheld GPS receiver was procured for use by Ore Control to flag contacts in the field. Training on the use of this unit is ongoing.
- In addition, methods for measuring the movement of contacts during blasting are being investigated. The use of differential blast timing is being employed to pull material away from contact zones.

5) Hazard Zone Mapping

Hazard zones will be identified and categorized in the summer months of 2015 after a mapping campaign of the Aqqaluk Pit.

2. AMENDED MINE PLAN

2.1. Monthly Mine Production

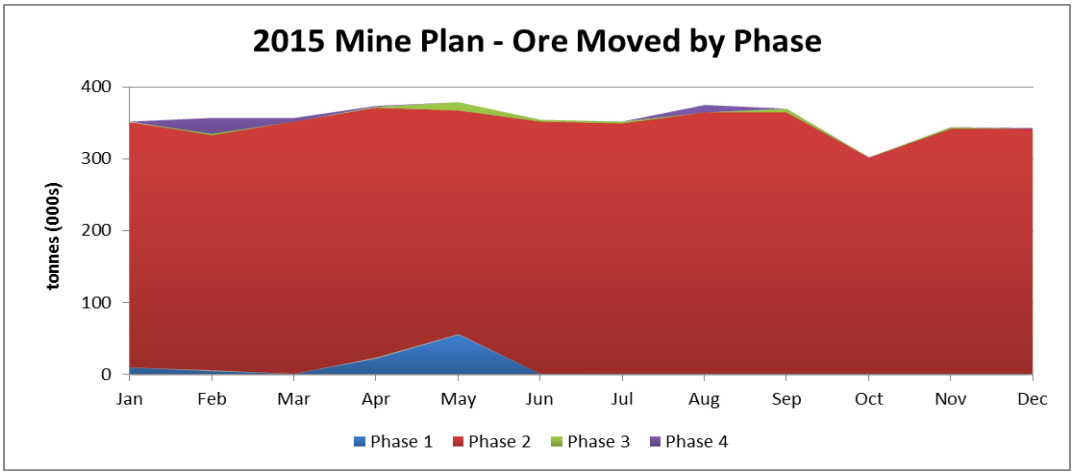


Figure 2-1 Ore Moved by Phase

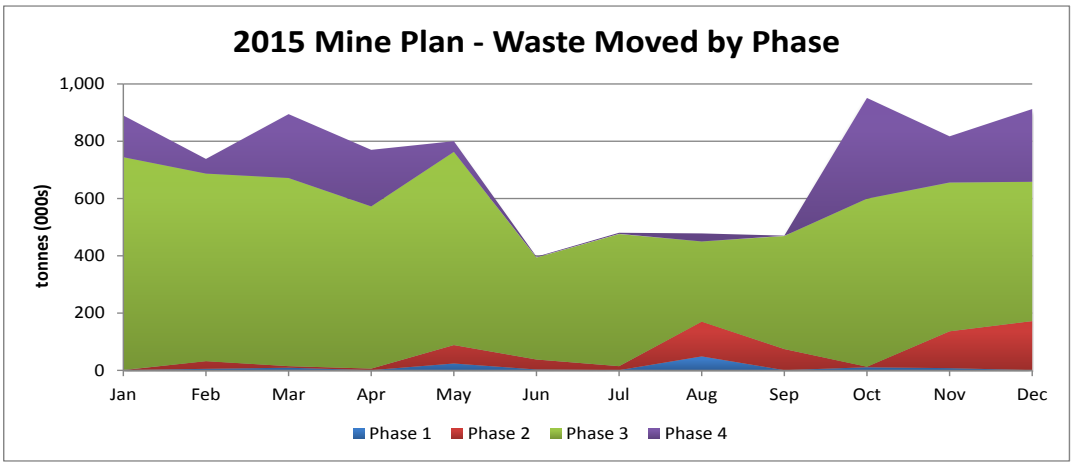


Figure 2-2 Waste Moved by Phase

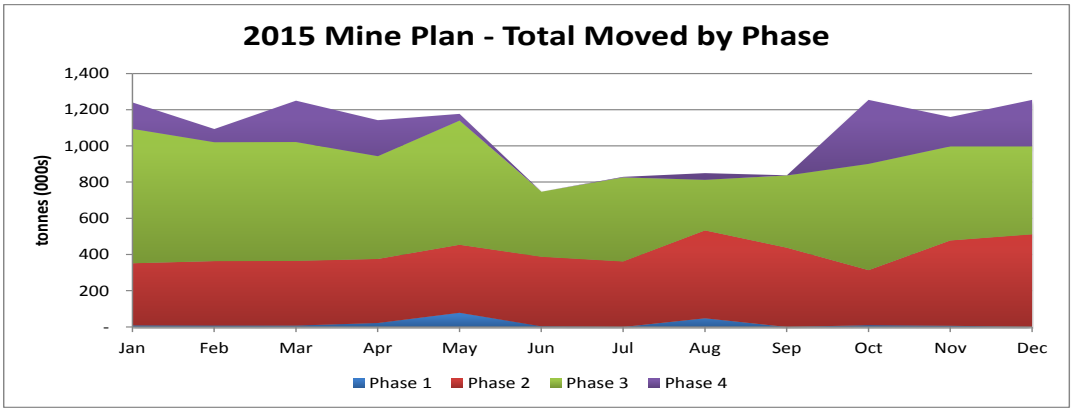


Figure 2-3 Total Moved by Phase

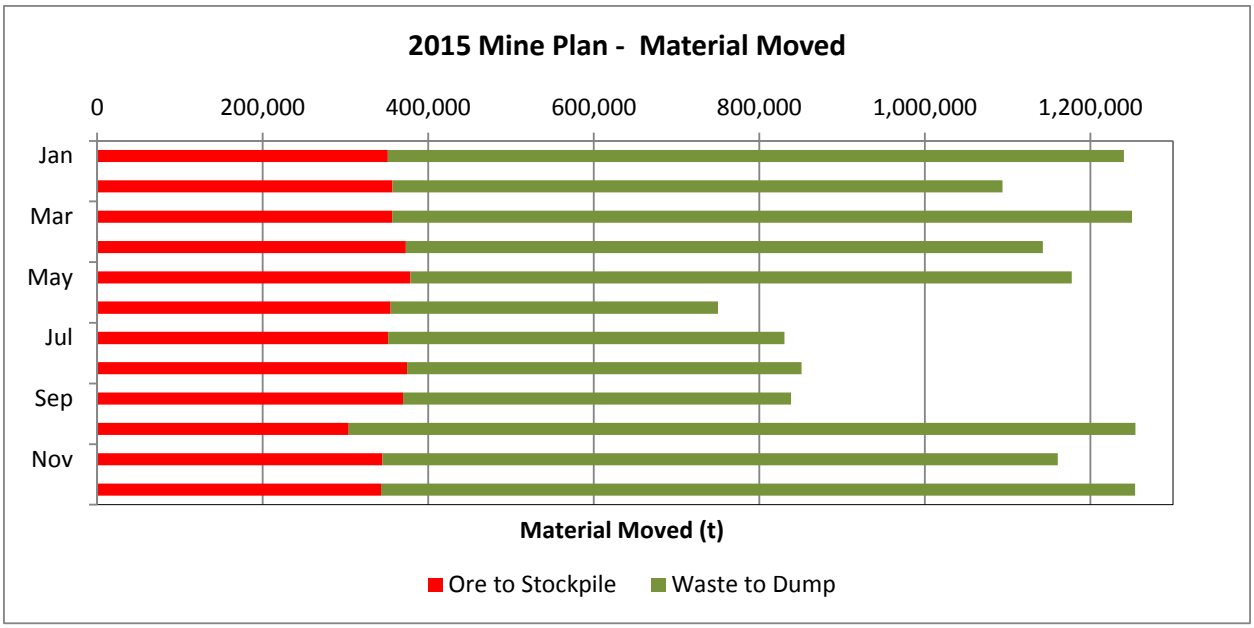


Figure 2-4 Material Movement Split Per Month

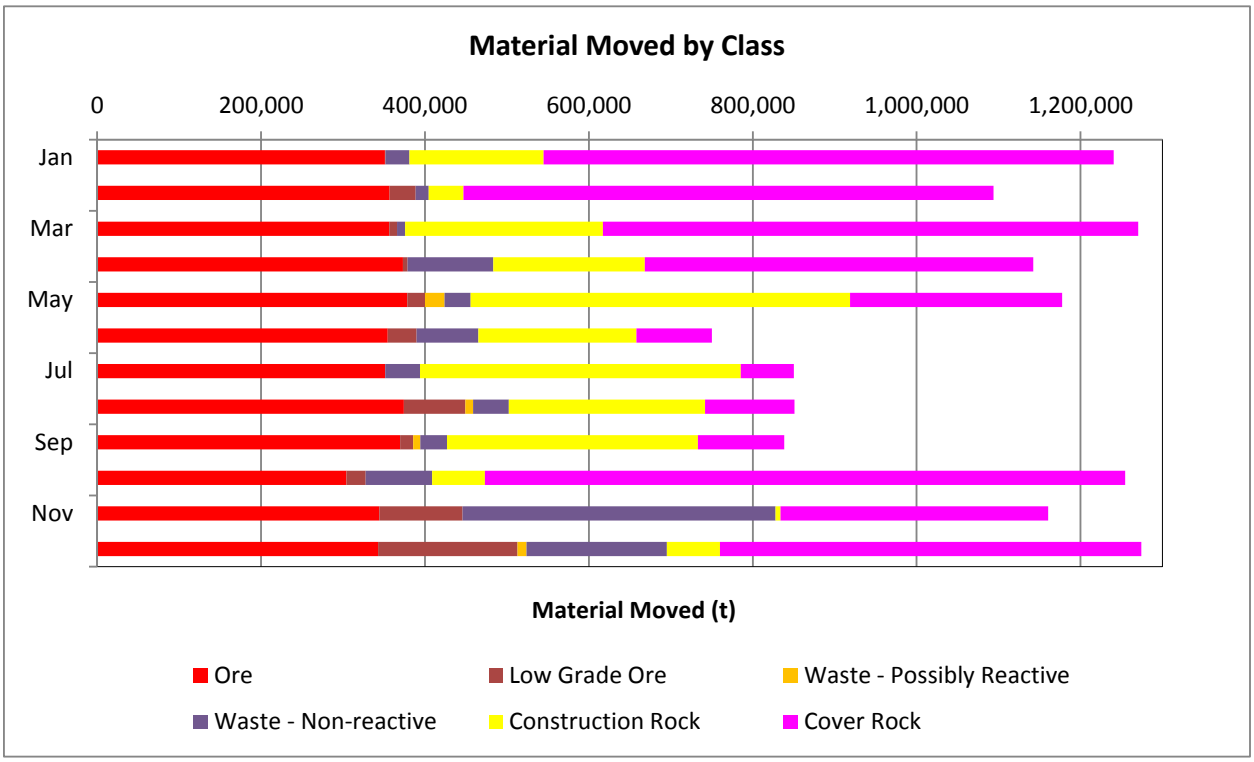


Figure 2-5 Material Types Moved by Month

Table 2-1 2015 Monthly Mine Plan Summary

Total	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	2015 Total
Ore (t)	**351,165**	**356,625**	**356,466**	**373,052**	**378,314**	**381,982**	**386,986**	**369,249**	**374,137**	**327,148**	**340,610**	**364,305**	**4,360,039**
NSR ($/t)	220.7	221.0	205.2	220.6	223.5	221.4	214.2	202.2	195.6	201.9	216.2	256.5	216.7
Zn (%)													
Pb (%)													
sPb (%)	0.6	0.8	0.6	0.5	0.5	0.6	0.6	0.7	0.6	0.6	0.5	0.6	0.6
Ag (g/t)													
Fe (%)	4.7	5.7	5.2	5.3	5.5	4.6	4.9	7.4	5.8	6.5	6.3	5.0	5.6
Ba (%)	15.0	11.0	13.4	13.9	13.8	12.6	14.2	12.7	11.3	12.7	13.2	13.7	13.1
TOC (%)	0.3	0.3	0.3	0.2	0.3	0.2	0.4	0.4	0.4	0.3	0.3	0.2	0.3
SiO2 (%)	34.9	38.5	37.7	35.8	35.2	38.8	36.3	33.9	40.9	36.7	34.7	32.5	36.3
Zn-rec (%)	80.6	79.7	78.5	81.1	80.5	78.1	79.8	78.8	77.5	79.0	80.1	83.7	79.9
Pb-rec (%)	65.5	60.4	58.9	64.3	65.9	63.4	65.2	56.8	59.3	63.3	61.9	65.0	62.7
Zn-grd (%)	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
Pb-grd (%)	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
Ag-rec-Zn (%)	30.0	28.8	28.1	30.9	28.6	27.9	28.7	30.4	25.6	28.4	31.0	34.0	29.4
Ag-rec-Pb (%)	32.9	26.3	27.4	32.5	38.3	29.7	30.7	23.6	24.2	31.3	29.1	32.5	30.0
"Type 1" (%)	39.9	43.9	35.6	41.0	44.7	39.9	35.7	41.5	47.2	38.6	47.7	37.9	41.1
"Type 2" (%)	2.8	5.0	5.1	5.4	6.0	5.2	6.2	12.8	5.6	10.5	5.5	5.2	6.2
"Type 6" (%)	57.2	51.0	59.3	53.6	48.2	55.0	58.0	45.6	47.1	50.9	46.8	56.9	52.5
T5, Weathered (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
T3, Baritic (%)	18.8	13.7	34.0	25.0	32.5	23.8	17.6	18.3	28.2	14.2	19.9	25.1	22.7
T4, Pyritic (%)	2.6	0.0	6.0	2.2	11.2	4.1	2.2	10.5	17.5	25.4	12.2	15.4	9.0
T7, Veined (%)	0.0	0.0	0.0	0.0	1.4	0.0	4.4	11.5	1.1	0.0	0.0	0.0	1.6
Marginal (t)	0	0	0	0	0	0	0	0	0	0	0	0	0
Waste (t)	889,245	737,282	894,004	769,378	799,307	368,130	443,362	481,631	464,115	927,334	819,932	889,900	8,483,620
Waste (incl. Marg.) (t)	**889,245**	**737,282**	**894,004**	**769,378**	**799,307**	**368,130**	**443,362**	**481,631**	**464,115**	**927,334**	**819,932**	**889,900**	**8,483,620**
Total(t)	**1,240,410**	**1,093,907**	**1,250,470**	**1,142,430**	**1,177,621**	**750,112**	**830,348**	**850,880**	**838,252**	**1,254,482**	**1,160,542**	**1,254,205**	**12,843,659**
SR	2.5	2.1	2.5	2.1	2.1	1.0	1.1	1.3	1.2	2.8	2.4	2.4	1.9
Ag in Zn conc (g/dmt)													
Ag in Pb conc (g/dmt)													
Zn/Fe													
Zn/Pb tot													
sPb/Pb													
Zn/TOC													
Zn conc (t)													
Pb conc (t)													
Total Conc (t)													

Table 2-2 2015 Monthly Mine Plan Summary by Phase

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	2015 Total
Ore													
PH1	8,008	4,172	0	21,748	55,370	2,157	0	413	0	0	0	0	91,868
PH2	343,156	328,835	351,749	349,127	311,759	349,314	348,892	363,585	364,498	301,568	341,940	341,217	4,095,640
PH3	0	1,743	233	1,388	11,183	2,958	2,573	821	5,043	1,579	1,913	0	29,434
PH4	0	21,874	4,482	788	0	0	0	9,524	0	836	418	1,576	39,498
Total	**351,165**	**356,625**	**356,466**	**373,052**	**378,314**	**381,982**	**386,986**	**369,249**	**374,137**	**327,148**	**340,610**	**364,305**	**4,360,039**
Waste													
PH1	957	4,522	8,368	464	23,137	2,084	237	47,845	505	9,963	6,776	800	105,658
PH2	0	26,991	5,720	5,245	64,380	35,181	13,730	121,666	73,181	2,229	129,323	170,617	648,263
PH3	742,883	654,606	656,324	565,604	674,738	356,271	461,514	279,473	394,682	586,515	518,711	485,945	6,377,266
PH4	145,406	51,164	223,592	198,063	37,052	2,147	3,407	27,554	343	351,791	161,460	254,045	1,456,024
Total	**889,245**	**737,282**	**894,004**	**769,378**	**799,307**	**368,130**	**443,362**	**481,631**	**464,115**	**927,334**	**819,932**	**889,900**	**8,483,620**
Total													
PH1	8,965	8,694	8,368	22,212	78,507	4,241	237	48,258	505	9,963	6,776	800	197,526
PH2	343,156	355,826	357,469	354,372	376,139	384,495	362,622	485,251	437,679	303,797	471,263	511,834	4,743,903
PH3	742,883	656,349	656,557	566,992	685,921	359,229	464,087	280,294	399,725	588,094	520,624	485,945	6,406,700
PH4	145,406	73,038	228,074	198,851	37,052	2,147	3,407	37,078	343	352,627	161,878	255,621	1,495,522
Total	**1,240,410**	**1,093,907**	**1,250,470**	**1,142,430**	**1,177,621**	**750,112**	**830,348**	**850,880**	**838,252**	**1,254,482**	**1,160,542**	**1,254,205**	**12,843,659**

Table 2-3 2015 Quarterly Mine Plan Summary

Total	Q1	Q2	Q3	Q4	2015 Total
Ore (t)	**1,064,256**	**1,133,348**	**1,130,372**	**1,032,063**	**4,360,039**
NSR ($/t)					
Zn (%)					
Pb (%)					
sPb (%)	0.7	0.6	0.6	0.6	0.6
Ag (g/t)	7				
Fe (%)	5.2	5.1	6.0	5.9	5.6
Ba (%)	13.1	13.4	12.7	13.2	13.1
TOC (%)	0.3	0.3	0.4	0.3	0.3
SiO2 (%)	37.0	36.6	37.1	34.5	36.3
Zn-rec (%)	79.6	79.9	78.7	81.2	79.9
Pb-rec (%)	61.7	64.5	60.9	63.5	62.7
Zn-grd (%)	55.0	55.0	55.0	55.0	55.0
Pb-grd (%)	54.0	54.0	54.0	54.0	54.0
Ag-rec-Zn (%)	29.0	29.1	28.3	31.4	29.4
Ag-rec-Pb (%)	28.9	33.5	26.6	31.1	30.0
"Type 1"	39.8	41.9	41.4	41.4	41.1
"Type 2"	4.3	5.5	8.2	7.0	6.2
"Type 6"	55.8	52.2	50.3	51.7	52.5
T5, Weathered (%)	0.0	0.0	0.0	0.0	0.0
T3, Baritic (%)	22.2	27.1	21.4	19.9	22.7
T4, Pyritic (%)	2.9	5.9	10.0	17.5	9.0
T7, Veined (%)	0.0	0.5	5.6	0.0	1.6
Marginal (t)	0	0	0	0	0
Waste (t)	2,520,531	1,936,815	1,389,108	2,637,166	8,483,620
Waste (incl. Marg.) (t)	**2,520,531**	**1,936,815**	**1,389,108**	**2,637,166**	**8,483,620**
Total(t)	**3,584,787**	**3,070,163**	**2,519,480**	**3,669,229**	**12,843,659**
SR	2.4	1.7	1.2	2.6	1.9
Ag in Zn conc (g/dmt)					
Ag in Pb conc (g/dmt)					
Zn/Fe					
Zn/Pb tot					
sPb/Pb					
Zn/TOC					
Zn conc (t)	247,607	270,112	248,942	255,574	1,022,235
Pb conc (t)	57,944	60,935	57,862	52,372	229,112
Total Conc (t)	**305,551**	**331,047**	**306,804**	**307,946**	**1,251,347**

Table 2-4 2015 Quarterly Mine Plan Summary by Phase

Total	Q1	Q2	Q3	Q4	2015 Total
Ore					
PH1	12,180	79,275	413	0	91,868
PH2	1,023,740	1,010,200	1,076,975	984,725	4,095,640
PH3	1,976	15,529	8,437	3,492	29,434
PH4	26,356	788	9,524	2,830	39,498
Total	**1,064,256**	**1,133,348**	**1,130,372**	**1,032,063**	**4,360,039**
Waste					
PH1	13,847	25,685	48,587	17,539	105,658
PH2	32,711	104,806	208,577	302,169	648,263
PH3	2,053,813	1,596,613	1,135,669	1,591,171	6,377,266
PH4	420,162	237,262	31,304	767,296	1,456,024
Total	**2,520,531**	**1,936,815**	**1,389,108**	**2,637,166**	**8,483,620**
Total					
PH1	26,027	104,960	49,000	17,539	197,526
PH2	1,056,451	1,115,006	1,285,552	1,286,894	4,743,903
PH3	2,055,789	1,612,142	1,144,106	1,594,663	6,406,700
PH4	446,518	238,050	40,828	770,126	1,495,522
Total	**3,584,787**	**3,070,163**	**2,519,480**	**3,669,229**	**12,843,659**

Bench	Month	Jan				Feb				Mar				Apr				May				Jun				Jul				Aug				Sep				Oct				Nov				Dec			
	Phase	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
	1250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1225	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1175	-	-	3	119	-	-	-	-	9	-	2	199	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	2	184	-	-	-	-	-	-	-	-
	1125	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	98	4	-	2	160	-	-	-	-
	1100	-	-	370	27	3	-	182	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	225
	1075	-	-	370	-	2	-	470	27	-	-	545	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1050	-	-	-	-	-	-	-	-	-	-	124	-	0	-	562	1	-	-	402	30	-	-	171	0	-	-	-	-	-	-	-	-	-	-	-	-	1	2	336	69	-	-	-	-	-	-	-	-
	1025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	238	3	-	-	-	-	-	-	122	1	-	-	-	-	-	-	-	-	-	-	248	-	-	-	517	2	-	5	494	8
	1000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	185	2	-	-	103	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	975	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	256	2	-	-	189	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	950	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	1	8	-	-	-	-	-	-	-	-	-	-	-	89	-	-	-	254	0	-	-	-	-	-	-	-	-	-	-	-	-
	925	-	25	-	-	-	81	4	24	-	18	-	7	-	18	-	0	1	84	35	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1	140	0	-	-	-	-	-	-	-	-	-	-	-	-
	900	-	140	-	-	-	128	-	-	-	104	0	-	-	60	1	-	-	134	3	-	-	76	3	-	-	50	-	-	1	178	1	36	-	-	-	-	-	24	-	1	-	12	1	0	-	-	-	-
	875	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	90	-	-	-	94	-	-	-	118	-	-	1	177	0	-	-	102	2	-	3	138	1	-	-	53	-	-
	850	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	132	-	-	1	286	-	28
	825	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	800	1	85	-	-	4	61	-	-	-	66	-	-	-	119	-	1	-	66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	775	8	93	-	-	-	85	-	-	-	171	-	-	22	158	-	-	58	91	-	-	2	141	-	-	0	171	3	-	47	91	2	-	-	45	-	-	-	51	-	-	-	-	-	-	-	-	-	-
	750	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78	-	-	-	47	-	-	-	99	-	-	-	215	6	-	-	124	-	-	-	188	-	-	-	171	-	-
	Total	9	343	743	145	9	356	656	73	9	358	671	233	22	354	567	199	79	376	686	37	4	384	359	2	0	363	483	4	48	485	280	37	1	438	400	0	10	304	588	353	7	471	521	162	1	516	497	261

AQQ Phase 1
AQQ Phase 2
AQQ Phase 3
AQQ Phase 4

Figure 2-6 Benches Mined (Total Material)

2.2. Quarterly Mine Plan Details

2.2.1. 1st Quarter

1) Ore

In Q1, ore from four benches is blended into the stockpiles. The drop cut into the 775 bench in January provides the high grade material for the stockpiles. Medium grade material is mined from the bench above using the road on the west side of the drop cut. This road will be kept open until the 800 bench is mined out. Development of the 775 bench will progress in the northeast direction so that the high grade material in this section can be blended with the medium grade of the 800 bench and still leave access for mining the 800 bench on the southwest side of the pit. Drill access to the 825 is maintained by a small ramp built on the northwest side of the pit out of the east side of 800-188 shot. This ramp will be used for drilling and blasting until the 800 bench is mined out in the second quarter. Baritic material is mined strictly from the 900 bench resulting in the very fast development of the west side of the pit. Development is somewhat restricted due to the low grade weathered material of the remaining 925 bench. The low grade weathered material from the 925 bench is slowly feed throughout the first and into the second quarter so that the zinc grade can be maintained. The shots from the 925 bench are divided into smaller A, B, and C segments so that scheduling can more accurately reflect how the material will be fed to the mill. The 925-288 shot on the far, east side of the bench will be mined in order to expose more of the baritic ore zone on the west side of the pit. This will remove access to the 925 bench from the east side of the pit. A ramp will be created to the 925 bench by blasting material from the 900-328 pattern and dozing in a ramp. Drill access will be maintained to the 925 bench using this ramp. This ramp will also provide access to the 950 bench for drilling by tying in with the old West Ramp haul road.

Q1 will also require the establishment of a low grade ore stockpile on the methanol pad starting in February. The low grade ore is modeled as material above the $xxx/tonne break-even point and below the $xxx/tonne operating cutoff in the case of low grade normal ore. Baritic marginal ore above the $xxx/tonne cutoff but below $xxx/tonne will be stored in the same location. All marginal ore that is stored must be non-reactive.

2) Waste

Waste will be hauled from three benches on the North side of the pit. Two accesses will be maintained to these benches. After the 1100 bench is blasted to the point of being accessible from both sides of the pit, the east ramp will be temporarily cutoff until the ramp can be blasted and dozed to the appropriate grade to maintain haulage in adverse weather conditions. After the east ramp is re-designed to grade, the 1100 bench will be mined exclusively from the east ramp progressing west. The 1175 bench will also be mined using the east ramp access. The 1075 bench will be mined starting from the west side of the pit using the west 1100 ramp as access. The goal is to mine the west side of the pit as quickly as possible before freshet where it will have the greatest toll on the predominantly original ground shots of the west side. In the later part of the quarter, the 1050 and the 1075 bench will be progressed in a similar fashion to accelerate the pit progression on the west side during ideal blasting and hauling conditions. The 1175 shots will be phase four final wall shots that will require extra care in blasting.

2.2.2. 2nd Quarter

1) Ore

Ore will be mined from six benches in Q2. The last of the 925 bench material will be fed to the mill in May. Most of the 900 bench will be mined out during Q2. Because access is limited on the interim wall between phase 2 and 3 of the 900 bench, material must be left behind at the end of every shot so that drill access can be dozed in for the subsequent shot. The 875 bench will begin late in Q2. The 800 bench will be mined out at the end of May eliminating the need to keep haul access on the south side of the pit. The 775 bench will become two separate mining areas divided into a west and east side. Drill access will be maintained to the west side of the 800 bench by means of a ramp out of the 775-148 material. The east side 800 drilling access will remain the same. The 750 bench will be accessed by a drop cut beside the 775 ramp, facing the opposite direction; effectively creating a switch back.

2) Waste

Waste mining will continue from the upper benches focusing on the south side of the phase 3 where the material is a more competent and conducive for mining in the freshet season. Waste haulage tapers down significantly at the end of Q2 due to the start of the Main Dam Widening project. The amount of hours required to complete the main dam widening made it necessary to spread the construction over 4 months as to not over extend the available hours of the mine production equipment.

2.2.3. 3rd Quarter

1) Ore

Ore in the third quarter will come from four benches. The 875 bench will provide the low grade, baritic material need for the next three months. Most of the 775 bench will be mined out during this quarter. In August, the 775 and 750 ramps will be realigned so that the main ore haulage ramp will wrap around the east side of the pit in the same direction as the 800 ramp. Access to the remaining 775 shot will be via a single lane pullout towards the west side. The 750 bench will be mined in the southwest direction in the first part of the quarter and then change directions after the new ramp is established into the 750 bench.

2) Waste

Aqqaluk pit stripping will be limited during this quarter due to the Main Dam Widening Project. Waste will be mined from the south side of the 1000 bench and the Shelly Creek Ramp area. The Phase 3 ramp to the 1000 bench will be completed by the end of July, eliminating the need for the East Ramp. The Phase 3 ramp will be re-routed around the Shelly Creek ramp using material from the 975 bench. The Topsoil at the Shelly Creek Dump will need to be hauled to the Main Waste Dump before these shots can be mined. The Shelly Creek tonnes will be hauled as production but are not included in this analysis.

2.2.4. 4th Quarter

1) Ore

Ore is mined from five benches throughout the quarter. The 900 bench will be completed in this quarter. The baritic ore drops in the third quarter due to the 875 bench being mostly mined out

and the 850 bench being below the $xx/tonne cutoff. After the Red Dog Creek Culvert is moved in October, more baritic material becomes accessible for mining. After the 875 bench is mined out in November, the 850 baritic becomes available for mining. The last of the 775 bench is mined out in October allowing the 750 bench to progress further west.

2) Waste

Waste stripping ramps back up to normal levels after the completion of the Main Dam Widening. Mining resumes on the northwest side of the pit in the onset of colder temperatures. Phase 4 mining also resumes during this period.

Table 2-5 2015 Quarterly Mine Schedule (Q1)

Q1	Prediction			Jan-15			Feb-15			Mar-15		
	Ore	Waste	Total	Ore	Waste	Total	Ore	Waste	Total	Ore	Waste	Total
Total Production	1,064,256	2,520,531	3,584,787	351,165	896,314	1,247,479	356,625	719,548	1,076,173	356,466	898,058	1,254,524
1075-177	0	77,331	77,331	0	77,331	77,331						
1175-49	0	48,454	48,454	0	48,454	48,454						
1075-170	0	66,418	66,418	0	66,418	66,418						
1075-173	0	74,852	74,852	0	74,852	74,852						
1100-137	0	95,439	95,439	0	95,439	95,439						
900-325	67,635	0	67,635	67,635	0	67,635						
800-183	34,845	0	34,845	34,845	0	34,845						
1075-189	0	73,615	73,615	0	73,615	73,615						
1075-179	0	77,520	77,520	0	77,520	77,520						
1100-140	0	68,803	68,803	0	68,803	68,803						
800-184	51,155	0	51,155	51,155	0	51,155						
1175-50	0	80,304	80,304	0	80,304	80,304						
1100-135	0	69,917	69,917	0	69,917	69,917						
775-141	32,852	0	32,852	32,852	0	32,852						
775-122	67,442	957	68,399	67,442	957	68,399						
900-326	72,647	0	72,647	72,647	0	72,647						
925-304A	24,589	0	24,589	24,589	0	24,589						
1100-133	0	98,250	98,250	0	98,250	98,250						
1100-134	0	64,454	64,454	0	64,454	64,454						
1100-138	0	144,190	144,190				0	144,190	144,190			
1075-178	0	64,404	64,404				0	64,404	64,404			
1075-183	0	72,729	72,729				0	72,729	72,729			
1075-174	0	78,651	78,651				0	78,651	78,651			
800-185	65,354	0	65,354				65,354	0	65,354			
1075-181	0	102,181	102,181				0	102,181	102,181			
900-330	48,919	0	48,919				48,919	0	48,919			
775-131	42,187	0	42,187				42,187	0	42,187			
775-132	43,241	0	43,241				43,241	0	43,241			
925-304B	30,211	802	31,013				30,211	802	31,013			
1100-139	0	99,378	99,378				0	99,378	99,378			
1075-175	0	82,224	82,224				0	82,224	82,224			
1075-176	0	43,922	43,922				0	43,922	43,922			
925-288	24,438	28,824	53,262				24,438	28,824	53,262			
925-284A	22,811	2,243	25,054				22,811	2,243	25,054			
900-329	79,464	0	79,464				79,464	0	79,464			
1175-51	0	66,541	66,541							0	66,541	66,541
1075-182	0	48,699	48,699							0	48,699	48,699
800-203	39,143	0	39,143							39,143	0	39,143
1075-169	0	35,755	35,755							0	35,755	35,755
1075-171	0	81,003	81,003							0	81,003	81,003
1075-166	0	53,356	53,356							0	53,356	53,356
800-186	26,750	0	26,750							26,750	0	26,750
925-284B	21,451	2,706	24,157							21,451	2,706	24,157
1175-53	0	90,647	90,647							0	90,647	90,647
900-331	98,601	5,284	103,885							98,601	5,284	103,885
1075-180	0	114,191	114,191							0	114,191	114,191
1075-168	0	84,327	84,327							0	84,327	84,327
775-135	51,040	0	51,040							51,040	0	51,040
1175-52	0	56,479	56,479							0	56,479	56,479
775-134	55,051	0	55,051							55,051	0	55,051
1075-172	0	49,728	49,728							0	49,728	49,728
775-153	64,430	0	64,430							64,430	0	64,430
1075-167	0	43,364	43,364							0	43,364	43,364
1050-206	0	62,143	62,143							0	62,143	62,143
1050-219	0	61,433	61,433							0	61,433	61,433
1075-165	0	62,402	62,402							0	62,402	62,402

Table 2-6 2015 Quarterly Mine Schedule (Q2)

Q2	Prediction			Apr-15			May-15			Jun-15		
	Ore	Waste	Total	Ore	Waste	Total	Ore	Waste	Total	Ore	Waste	Total
Total Production	1,133,348	1,936,815	3,070,163	373,052	769,378	1,142,430	329,506	799,177	1,128,683	330,753	392,029	722,782
1050-209	0	188,176	188,176	0	188,176	188,176						
800-189	69,485	0	69,485	69,485	0	69,485						
1150-72	0	68,486	68,486	0	68,486	68,486						
1150-71	0	71,072	71,072	0	71,072	71,072						
900-335	26,317	0	26,317	26,317	0	26,317						
775-136	39,463	0	39,463	39,463	0	39,463						
1050-207	0	54,463	54,463	0	54,463	54,463						
1050-205	0	104,369	104,369	0	104,369	104,369						
900-332	35,158	0	35,158	35,158	0	35,158						
775-148	89,562	0	89,562	89,562	0	89,562						
1050-208	0	216,577	216,577	0	216,577	216,577						
925-284C	12,638	5,619	18,257	12,638	5,619	18,257						
1150-73	0	60,616	60,616	0	60,616	60,616						
775-142	50,621	0	50,621	50,621	0	50,621						
800-190	49,808	0	49,808	49,808	0	49,808						
900-338	36,001	0	36,001				36,001	0	36,001			
900-333	33,715	0	33,715				33,715	0	33,715			
1050-201	0	57,390	57,390				0	57,390	57,390			
775-154	41,352	0	41,352				41,352	0	41,352			
800-188	65,518	0	65,518				65,518	0	65,518			
1050-210	0	55,208	55,208				0	55,208	55,208			
900-340	34,857	0	34,857				34,857	0	34,857			
775-128	56,080	2,402	58,482				56,080	2,402	58,482			
950-299	4,134	23,259	27,393				4,134	23,259	27,393			
925-291B	1,863	10,748	12,611				1,863	10,748	12,611			
900-339	32,375	0	32,375				32,375	0	32,375			
1050-204	0	90,455	90,455				0	90,455	90,455			
1025-220	0	164,473	164,473				0	164,473	164,473			
1025-219	0	78,417	78,417				0	78,417	78,417			
925-291A	18,018	9,745	27,763				18,018	9,745	27,763			
925-303	5,593	31,151	36,744				5,593	31,151	36,744			
925-289	0	47,469	47,469				0	47,469	47,469			
1050-203	0	58,674	58,674				0	58,674	58,674			
1050-202	0	57,146	57,146				0	57,146	57,146			
1050-200	0	112,640	112,640				0	112,640	112,640			
900-327B	19,770	0	19,770							19,770	0	19,770
750-108	77,551	0	77,551							77,551	0	77,551
1050-215	0	171,372	171,372							0	171,372	171,372
775-140	55,505	0	55,505							55,505	0	55,505
900-334	59,416	0	59,416							59,416	0	59,416
775-144	18,679	0	18,679							18,679	0	18,679
1000-281	0	98,837	98,837							0	98,837	98,837
1000-283	0	90,293	90,293							0	90,293	90,293
775-143	68,811	0	68,811							68,811	0	68,811
875-326	31,021	31,527	62,548							31,021	31,527	62,548

Table 2-7 2015 Quarterly Mine Schedule (Q3)

Q3	Prediction			Jul-15			Aug-15			Sep-15		
	Ore	Waste	Total	Ore	Waste	Total	Ore	Waste	Total	Ore	Waste	Total
Total Production	1,130,372	1,389,108	2,519,480	324,056	478,885	802,941	311,382	456,935	768,317	311,811	468,711	780,522
750-105	46,968	0	46,968	46,968	0	46,968						
975-253	0	122,930	122,930	0	122,930	122,930						
875-339	66,677	0	66,677	66,677	0	66,677						
900-327A	30,337	0	30,337	30,337	0	30,337						
875-327	0	0	0	0	0	0						
1000-282	0	48,624	48,624	0	48,624	48,624						
775-130	33,262	304	33,566	33,262	304	33,566						
975-252	0	135,581	135,581	0	135,581	135,581						
775-129	12,627	13,706	26,333	12,627	13,706	26,333						
1025-218	0	54,150	54,150	0	54,150	54,150						
900-328	20,082	0	20,082	20,082	0	20,082						
775-139	48,644	0	48,644	48,644	0	48,644						
1000-280	0	54,494	54,494	0	54,494	54,494						
1025-217	0	69,096	69,096	0	69,096	69,096						
775-149	65,459	0	65,459	65,459	0	65,459						
875-341	55,171	0	55,171				55,171	0	55,171			
900-342	11,898	26,356	38,254				11,898	26,356	38,254			
975-254	0	146,283	146,283				0	146,283	146,283			
775-151	28,154	22,280	50,434				28,154	22,280	50,434			
775-155	37,599	0	37,599				37,599	0	37,599			
900-341	26,957	17,614	44,571				26,957	17,614	44,571			
750-104	49,374	0	49,374				49,374	0	49,374			
950-295	539	88,450	88,989				539	88,450	88,989			
875-340	0	0	0				0	0	0			
750-109	49,302	0	49,302				49,302	0	49,302			
900-324	51,491	80,463	131,954				51,491	80,463	131,954			
775-123	897	31,442	32,339				897	31,442	32,339			
975-255	0	44,047	44,047				0	44,047	44,047			
925-300	0	74,790	74,790							0	74,790	74,790
775-137	44,920	0	44,920							44,920	0	44,920
750-102	92,138	3,206	95,344							92,138	3,206	95,344
875-332	77,921	0	77,921							77,921	0	77,921
925-301	0	65,883	65,883							0	65,883	65,883
750-110	63,274	632	63,906							63,274	632	63,906
875-328	316	51,158	51,474							316	51,158	51,474
750-116	32,365	20,073	52,438							32,365	20,073	52,438
950-297	877	150,152	151,029							877	150,152	151,029
950-296	0	102,817	102,817							0	102,817	102,817

Table 2-8 2015 Quarterly Mine Schedule (Q4)

Q4	Prediction			Oct-15			Nov-15			Dec-15		
	Ore	Waste	Total	Ore	Waste	Total	Ore	Waste	Total	Ore	Waste	Total
Total Production	1,032,063	2,637,166	3,669,229	327,148	950,499	1,277,647	254,615	816,270	1,070,885	255,444	810,211	1,065,655
750-112	55,143	0	55,143	55,143	0	55,143						
1050-213	0	44,083	44,083	0	44,083	44,083						
1050-216	0	104,664	104,664	0	104,664	104,664						
1150-70	0	74,742	74,742	0	74,742	74,742						
1050-212	0	49,401	49,401	0	49,401	49,401						
1050-218	0	24,916	24,916	0	24,916	24,916						
1050-214	0	47,598	47,598	0	47,598	47,598						
1150-76	0	69,216	69,216	0	69,216	69,216						
1125-117	0	58,550	58,550	0	58,550	58,550						
875-330	50,270	0	50,270	50,270	0	50,270						
750-111	69,168	0	69,168	69,168	0	69,168						
1125-116	0	40,063	40,063	0	40,063	40,063						
775-138	50,809	0	50,809	50,809	0	50,809						
1025-222	0	137,783	137,783	0	137,783	137,783						
1050-217	0	80,719	80,719	0	80,719	80,719						
1025-221	0	110,378	110,378	0	110,378	110,378						
1150-77	0	50,736	50,736	0	50,736	50,736						
900-336B	25,284	0	25,284	25,284	0	25,284						
1050-211	0	57,650	57,650	0	57,650	57,650						
875-342	76,474	0	76,474	76,474	0	76,474						
875-338	0	17,473	17,473				0	17,473	17,473			
1025-226	0	146,900	146,900				0	146,900	146,900			
1025-223	0	144,744	144,744				0	144,744	144,744			
1025-224	0	118,558	118,558				0	118,558	118,558			
875-337	0	0	0				0	0	0			
1125-121	0	48,942	48,942				0	48,942	48,942			
750-101	60,073	0	60,073				60,073	0	60,073			
750-113	41,274	0	41,274				41,274	0	41,274			
1025-225	0	108,514	108,514				0	108,514	108,514			
850-235	17,610	114,830	132,440				17,610	114,830	132,440			
875-333	26,210	0	26,210				26,210	0	26,210			
1125-120	0	56,921	56,921				0	56,921	56,921			
750-100	45,607	0	45,607				45,607	0	45,607			
1125-118	0	59,388	59,388				0	59,388	59,388			
750-114	50,562	0	50,562				50,562	0	50,562			
900-336A	13,279	0	13,279				13,279	0	13,279			
850-236	0	0	0							0	0	0
1025-213	0	57,295	57,295							0	57,295	57,295
1025-212	0	78,740	78,740							0	78,740	78,740
1100-147	0	112,401	112,401							0	112,401	112,401
1100-149	0	64,313	64,313							0	64,313	64,313
850-242	31,022	0	31,022							31,022	0	31,022
750-107	70,808	0	70,808							70,808	0	70,808
1100-146	0	51,809	51,809							0	51,809	51,809
750-115	100,662	0	100,662							100,662	0	100,662
875-329	0	0	0							0	0	0
850-241	0	27,927	27,927							0	27,927	27,927
1025-214	0	51,819	51,819							0	51,819	51,819
850-244	51,376	0	51,376							51,376	0	51,376
1025-227	0	125,452	125,452							0	125,452	125,452
1025-228	0	100,027	100,027							0	100,027	100,027
1025-211	0	92,616	92,616							0	92,616	92,616
850-237	1,576	67,812	69,388							1,576	67,812	69,388

3. EQUIPMENT FLEETS

Table 3-1 2015 Monthly Non-production Projects Hours

Projects	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
Non-Capital Project													
Drill hours	0	0	0	0	0	0	0	0	0	0	0	0	0
Loader hours	17	15	17	16	17	16	17	17	16	17	16	17	197
Haultruck hours	40	36	40	39	40	39	40	40	39	40	39	40	470
Dozer hours	74	67	74	72	74	72	74	74	72	74	72	74	875
Main Dam Widening													
Drill hours	0	0	0	0	0	0	0	0	0	0	0	0	0
Loader hours	0	0	0	0	0	370	370	370	370	0	0	0	1480
Haultruck hours	0	0	0	0	0	973	973	973	973	0	0	0	3892
Dozer hours	0	0	0	0	0	460	460	460	460	0	0	0	1840
Quarry and Crush (DD2 / MS)													
Drill hours	0	0	0	0	0	92	92	92	40	0	0	0	315
Loader hours	0	0	0	23	23	85	85	85	85	0	0	0	385
Haultruck hours	0	0	0	45	45	96	96	96	96	0	0	0	475
Dozer hours	0	0	0	0	7	8	15	15	15	0	0	0	60
Haul Crushed Material to A-Pad													
Drill hours	0	0	0	0	0	0	0	0	0	0	0	0	0
Loader hours	0	0	0	0	0	0	100	53	43	5	0	0	200
Haultruck hours	0	0	0	0	0	0	200	105	85	10	0	0	400
Dozer hours	0	0	0	0	0	0	0	0	0	0	0	0	0
MWD Capping Placement													
Drill hours	0	0	0	0	0	0	0	0	0	0	0	0	0
Loader hours	0	0	0	0	0	0	15	15	0	0	0	0	30
Haultruck hours	0	0	0	0	0	0	30	30	0	0	0	0	60
Dozer hours	0	0	0	0	0	0	15	15	0	0	0	0	30
Total													
Drill hours	0	0	0	0	0	92	92	92	40	0	0	0	315
Loader hours	17	15	17	39	39	471	587	539	514	22	16	17	2292
Haultruck hours	40	36	40	84	85	1108	1339	1244	1193	50	39	40	5297
Dozer hours	74	67	74	72	81	540	564	564	547	74	72	74	2805

Table 3-2 2015 Monthly Equipment Performance Forecast

Month	Units	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Duration (days)	Days	31	28	31	30	31	30	31	31	30	31	30	31	365
DML Drills														
Units Available	ea	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Units Required	ea	2.9	2.8	2.9	2.7	2.7	2.0	2.1	2.2	2.0	2.9	2.8	3.0	2.6
Hours Available per unit	op hrs	371	335	371	359	371	359	371	371	359	371	359	371	*4,364*
Hours Used per unit	op hrs	353	311	357	322	334	237	258	270	244	364	340	376	*3,766*
Assumed Physical Availability	-	82.0%	82.0%	82.0%	82.0%	82.0%	82.0%	82.0%	82.0%	82.0%	82.0%	82.0%	82.0%	82.0%
Use of Availability	-	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%
Operating Efficiency	-	81.0%	81.0%	81.0%	81.0%	81.0%	81.0%	81.0%	81.0%	81.0%	81.0%	81.0%	81.0%	81.0%
Asset Utilization	-	49.8%	49.8%	49.8%	49.8%	49.8%	49.8%	49.8%	49.8%	49.8%	49.8%	49.8%	49.8%	49.8%
992G/993K Loaders														
Units Available	ea	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Units Required	ea	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Hours Available per unit	op hrs	397	358	397	384	397	384	397	397	384	397	384	397	*4,671*
Hours Used per unit	op hrs	393	356	398	384	399	385	394	394	385	397	381	400	*4,665*
Assumed Physical Availability	-	79.0%	79.0%	79.0%	79.0%	79.0%	79.0%	79.0%	79.0%	79.0%	79.0%	79.0%	79.0%	79.0%
Use of Availability	-	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%
Operating Efficiency	-	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%
Asset Utilization	-	53.3%	53.3%	53.3%	53.3%	53.3%	53.3%	53.3%	53.3%	53.3%	53.3%	53.3%	53.3%	53.3%
777D/F Haul Trucks														
Units Available	ea	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	10.0	10.0	10.0	9.3
Units Required	ea	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	10.0	10.0	10.0	9.3
Hours Available per unit	op hrs	453	409	453	439	453	439	453	453	439	453	439	453	*5,335*
Hours Used per unit	op hrs	454	408	453	441	456	439	453	452	440	452	437	455	*5,340*
Physical Availability	-	79.0%	79.0%	79.0%	79.0%	79.0%	79.0%	79.0%	79.0%	79.0%	79.0%	79.0%	79.0%	79.0%
Use of Availability	-	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%
Operating Efficiency	-	90.7%	90.7%	90.7%	90.7%	90.7%	90.7%	90.7%	90.7%	90.7%	90.7%	90.7%	90.7%	90.7%
Asset Utilization	-	60.9%	60.9%	60.9%	60.9%	60.9%	60.9%	60.9%	60.9%	60.9%	60.9%	60.9%	60.9%	60.9%
D9 & D10 Dozers														
Units Available	ea	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Units Required	ea	2.8	2.9	2.8	2.8	2.8	4.2	4.2	4.3	4.3	2.7	2.8	2.8	3.3
Hours Available per unit	op hrs	314	284	314	304	314	304	314	314	304	314	304	314	*3,696*
Hours Used per unit	op hrs	216	203	219	215	223	320	330	335	326	209	210	216	*3,023*
Assumed Physical Availability	-	81.0%	81.0%	81.0%	81.0%	81.0%	81.0%	81.0%	81.0%	81.0%	81.0%	81.0%	81.0%	81.0%
Use of Availability	-	59.4%	59.4%	59.4%	59.4%	59.4%	59.4%	59.4%	59.4%	59.4%	59.4%	59.4%	59.4%	59.4%
Operating Efficiency	-	87.7%	87.7%	87.7%	87.7%	87.7%	87.7%	87.7%	87.7%	87.7%	87.7%	87.7%	87.7%	87.7%
Asset Utilization	-	42.2%	42.2%	42.2%	42.2%	42.2%	42.2%	42.2%	42.2%	42.2%	42.2%	42.2%	42.2%	42.2%

4. APPENDICES

4.1. 2015 Mine Plan and Waste Dump 3D View Maps

Table 4-1 Block Model Legend for Maps

Type	Legend	NSR Range ($/tonne)
Low Grade Ore		$xxx.xx - $xxx.xx
Ore		$xxx.xx - $xxx.xx
Ore		$xxx.xx - $xxx.xx
Ore		$xxx.xx +

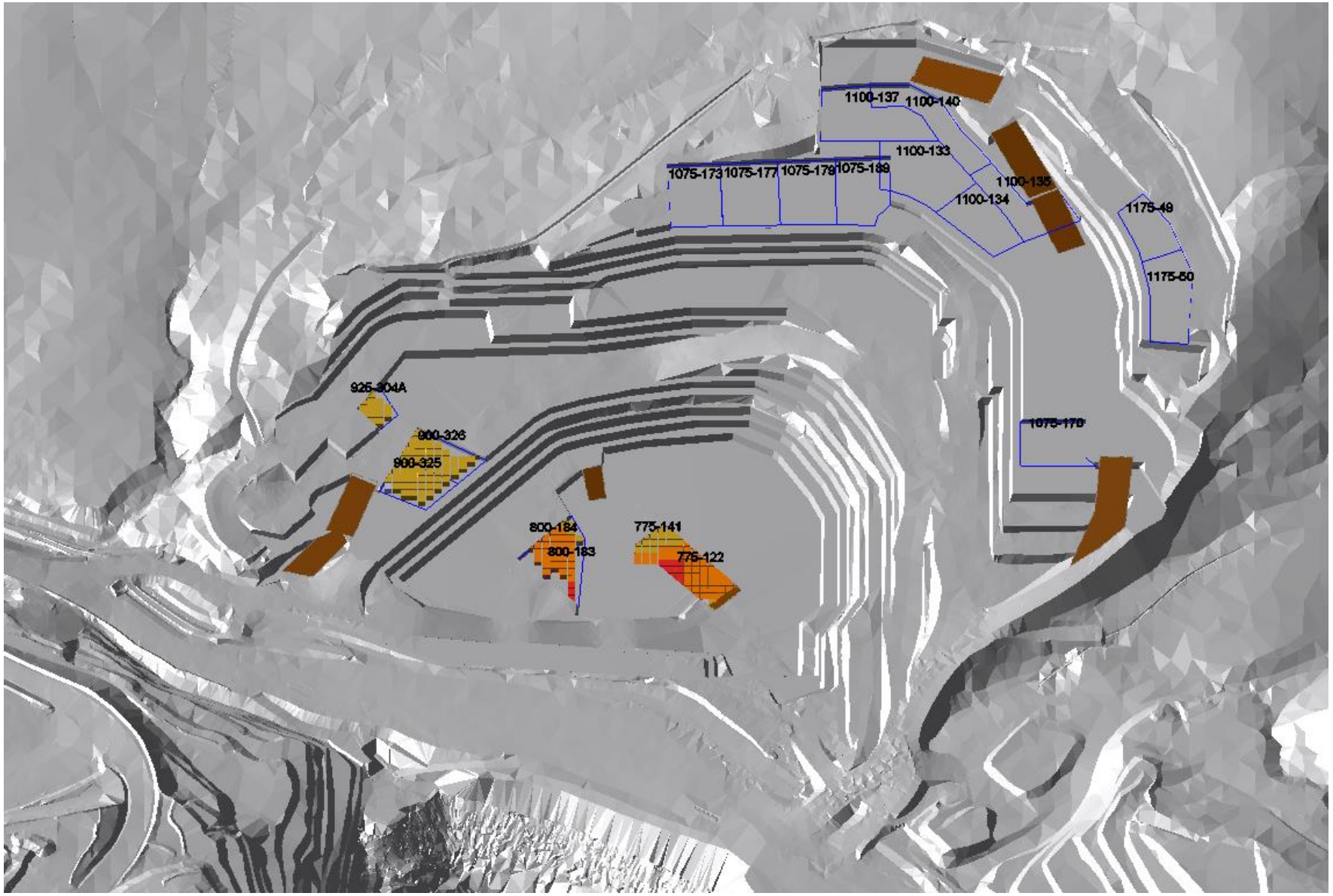


Figure 4-1 January 2015 Mine Plan 3D View

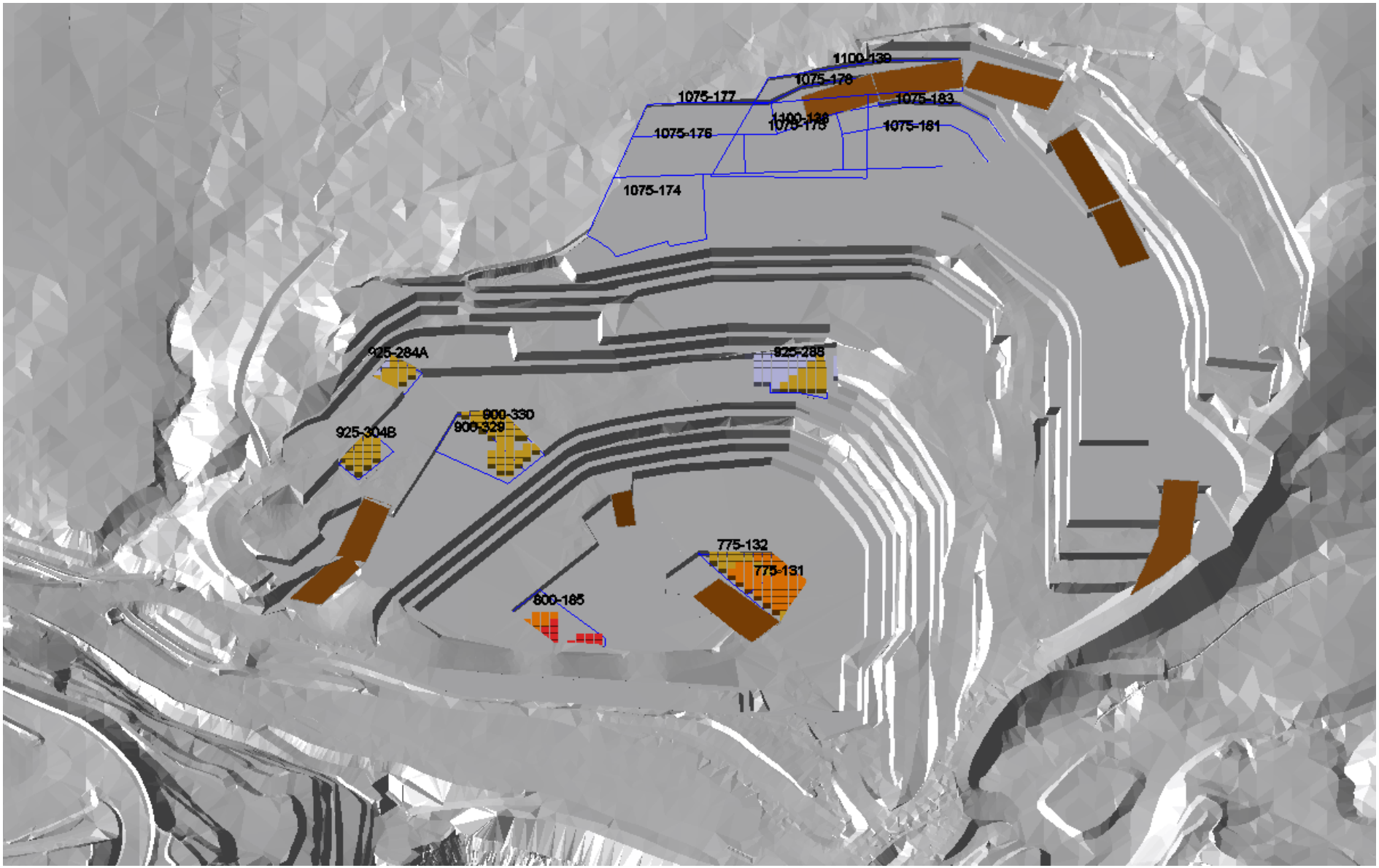


Figure 4-2 February 2015 Mine Plan 3D View

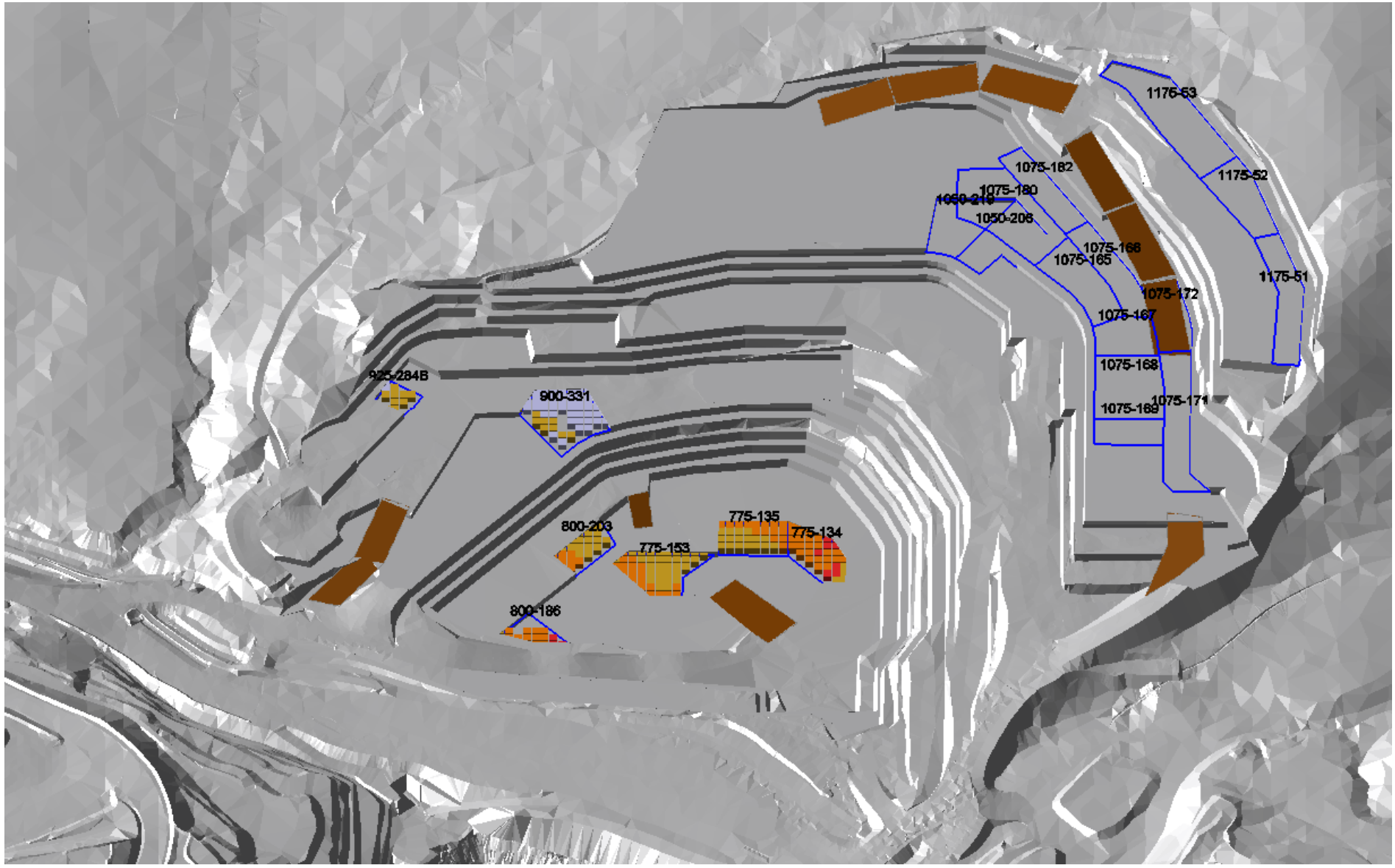


Figure 4-3 March 2015 Mine Plan 3D View

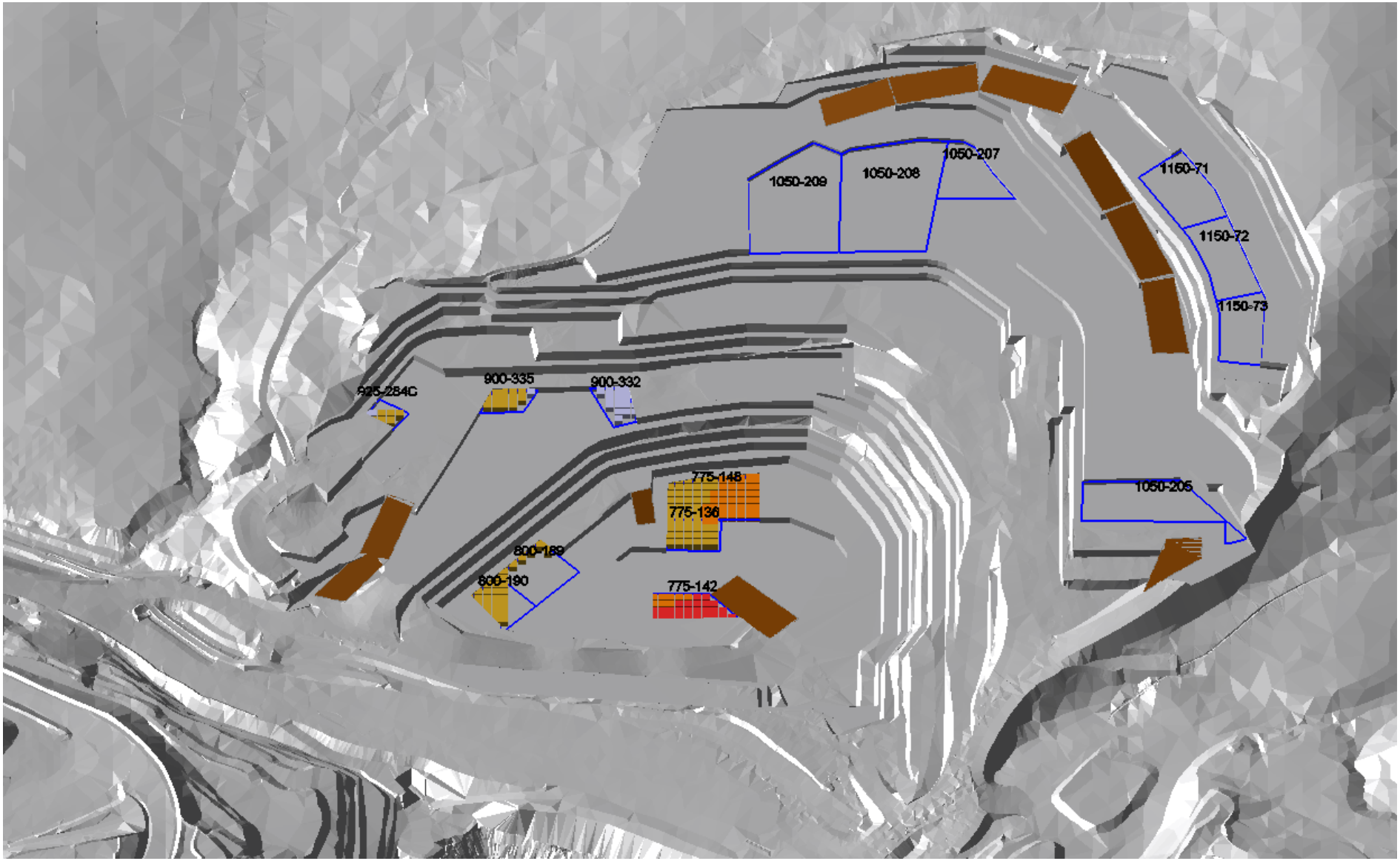


Figure 4-4 April 2015 Mine Plan 3D View

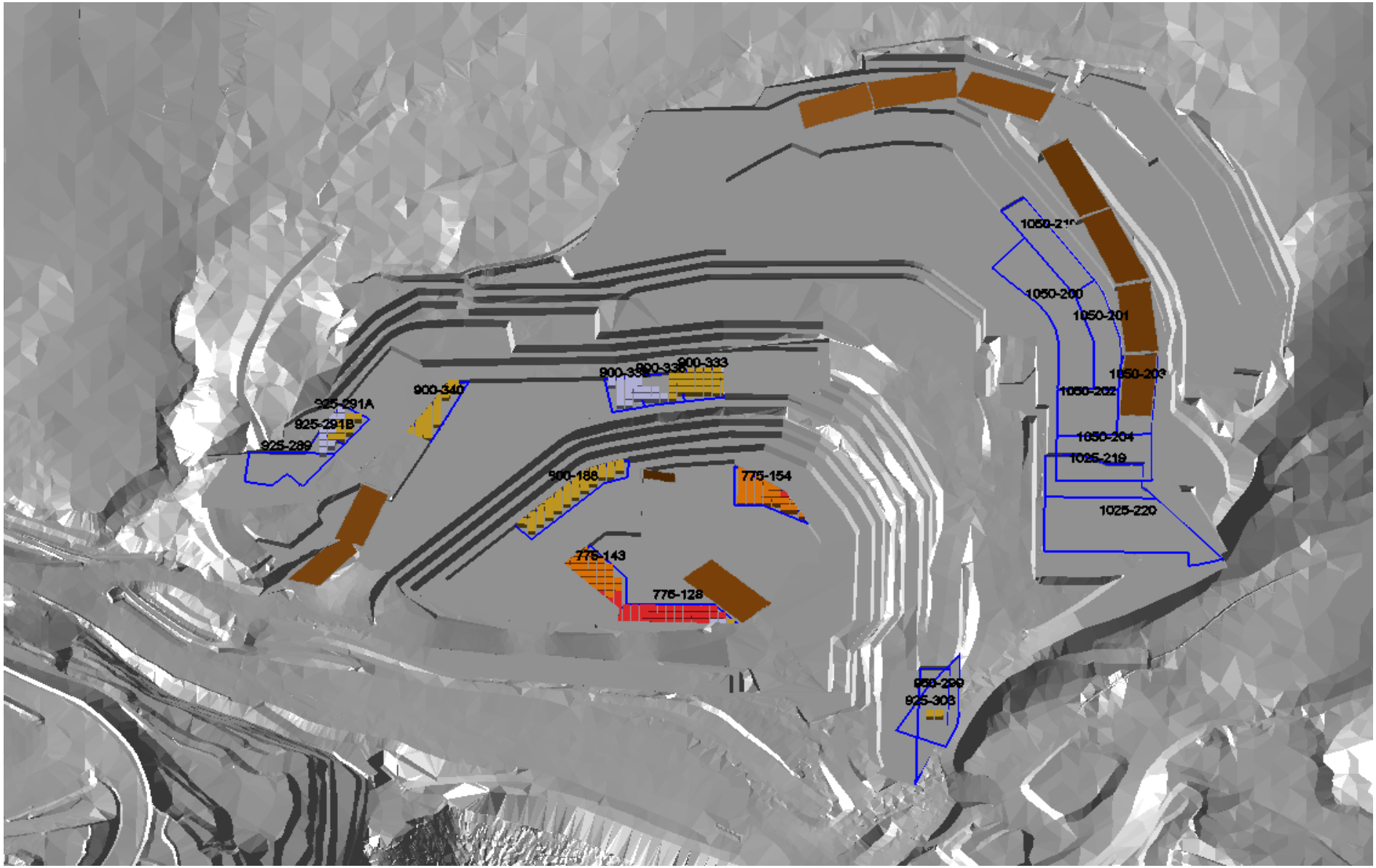


Figure 4-5 May 2015 Mine Plan 3D View

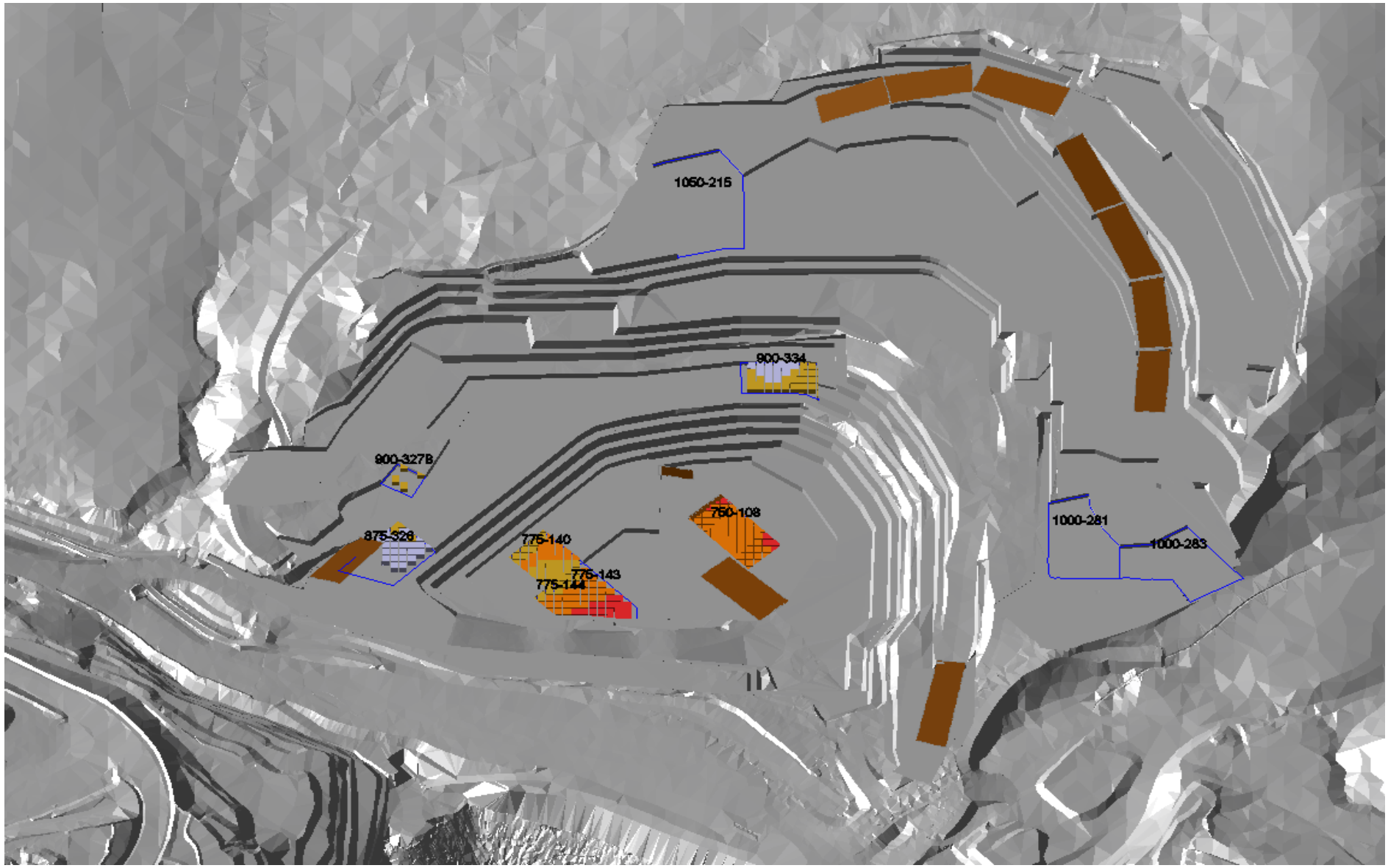


Figure 4-6 June 2015 Mine Plan 3D View

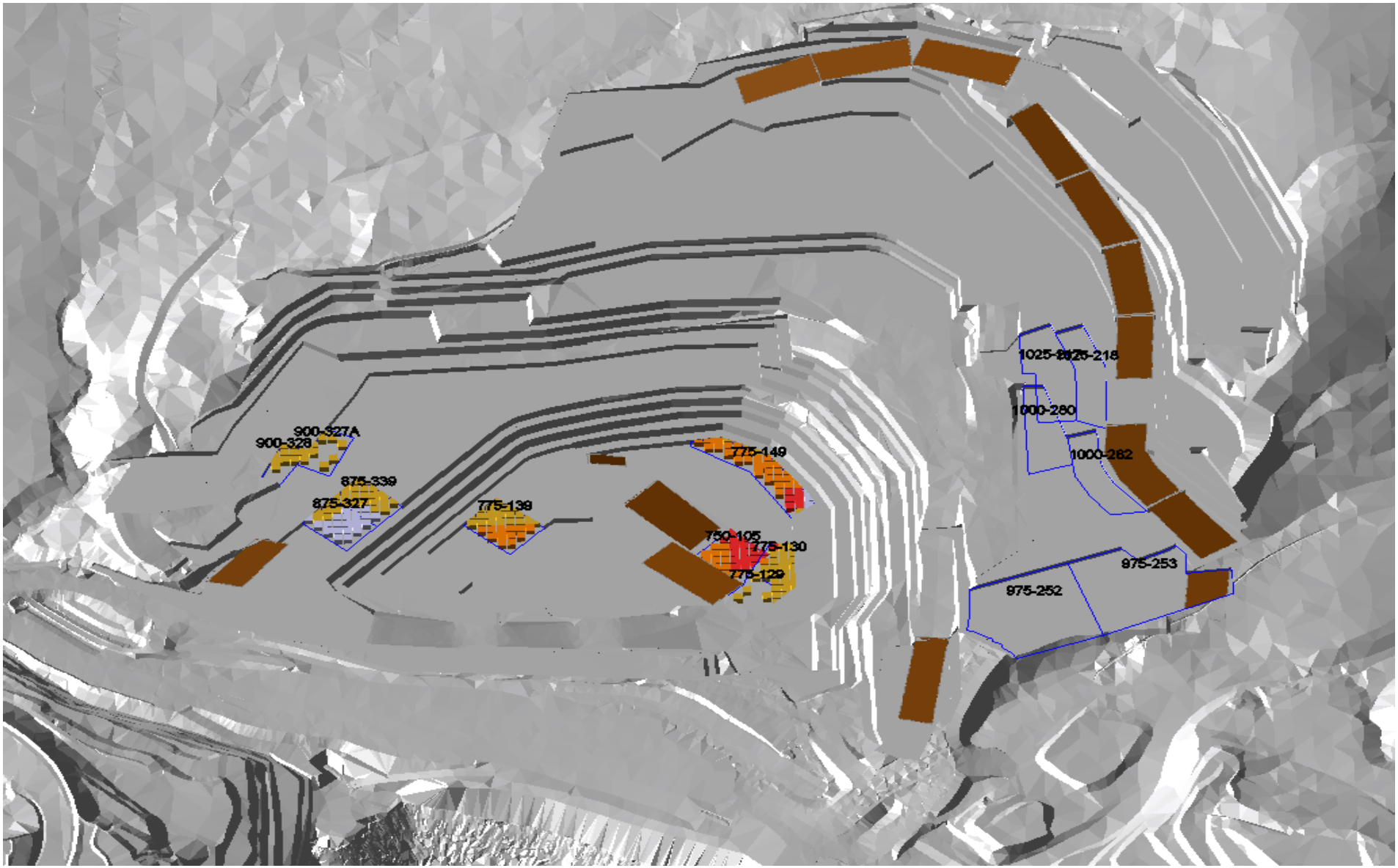


Figure 4-7 July 2015 Mine Plan 3D View

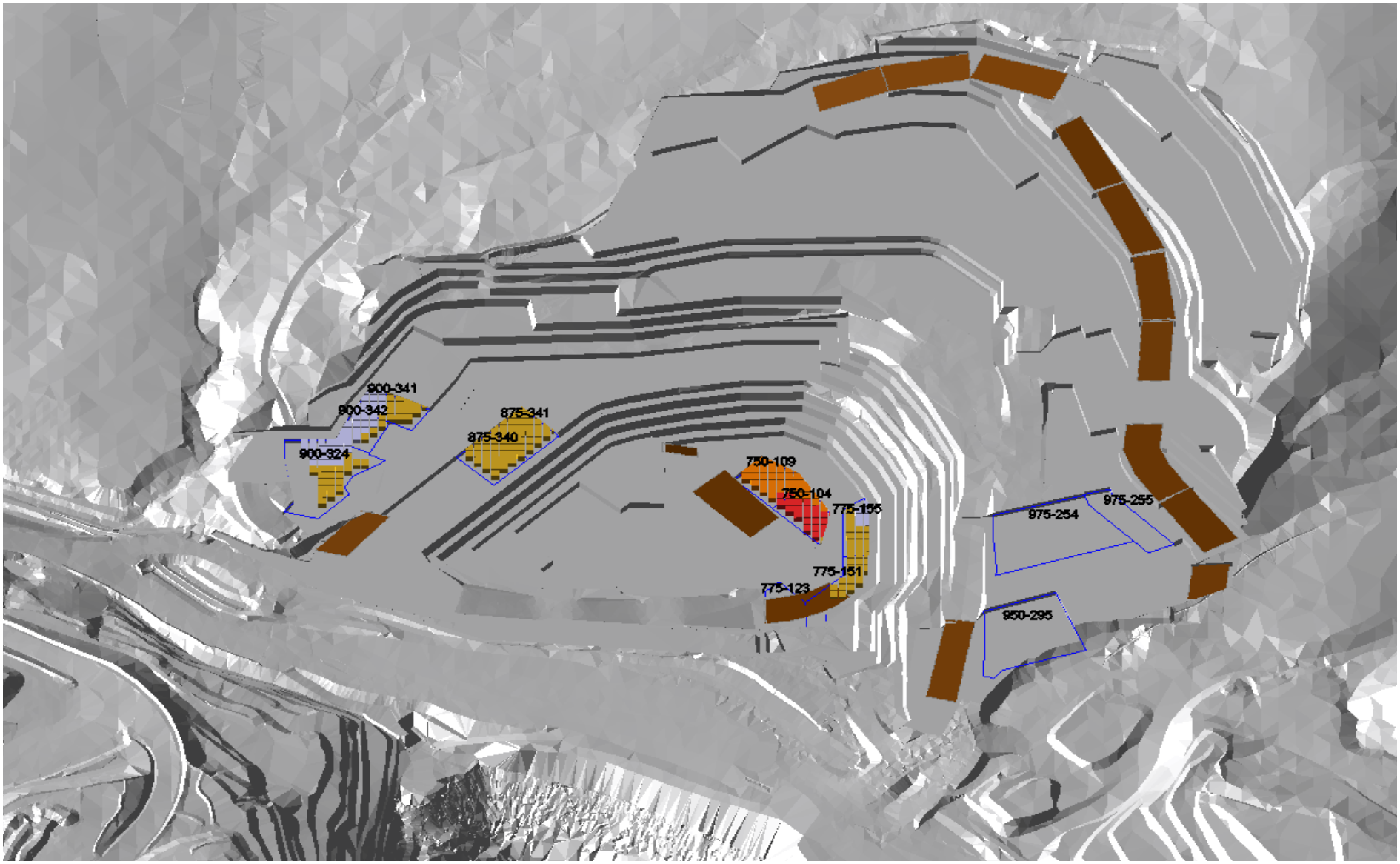


Figure 4-8 August 2015 Mine Plan 3D View

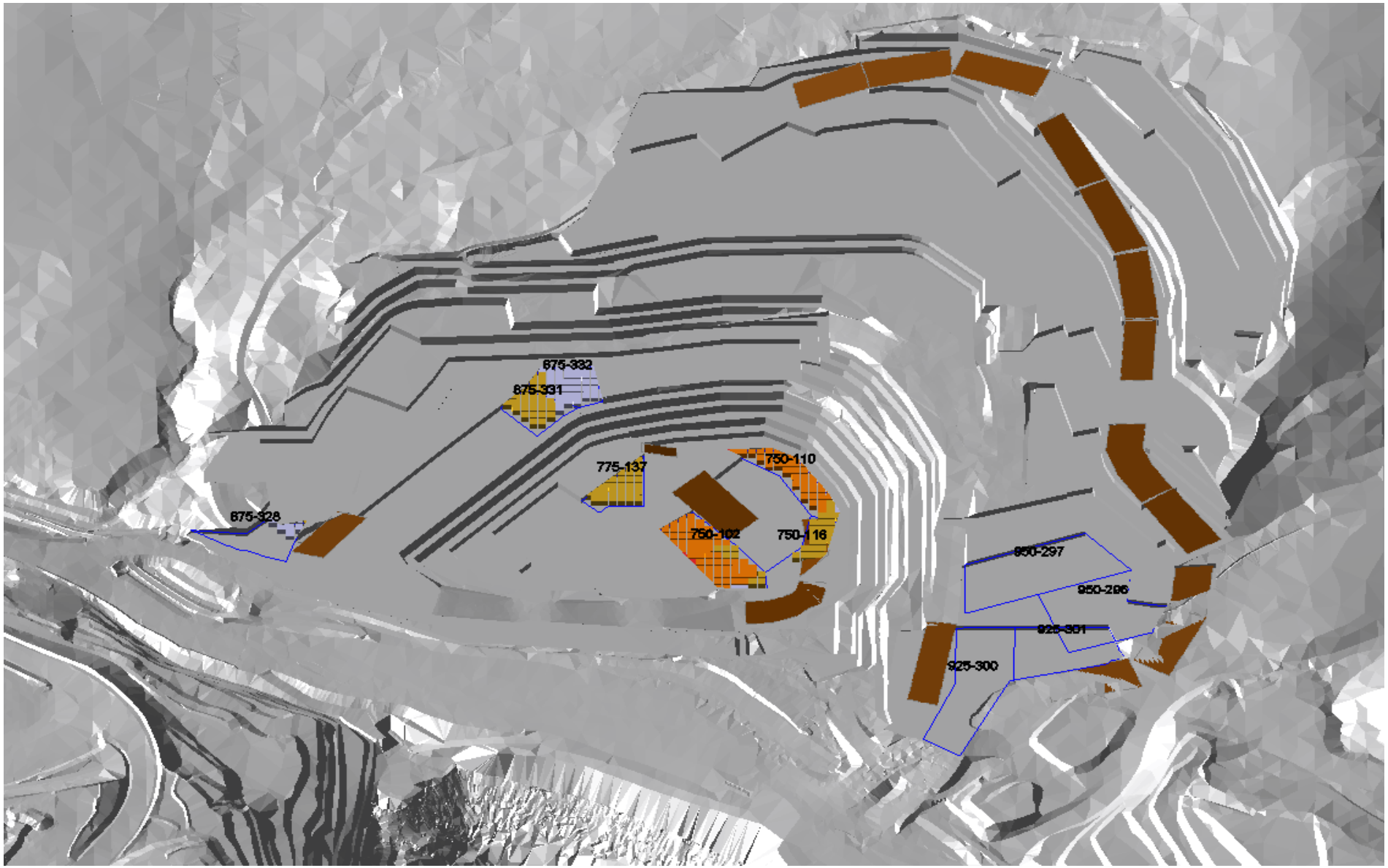


Figure 4-9 September 2015 Mine Plan 3D View

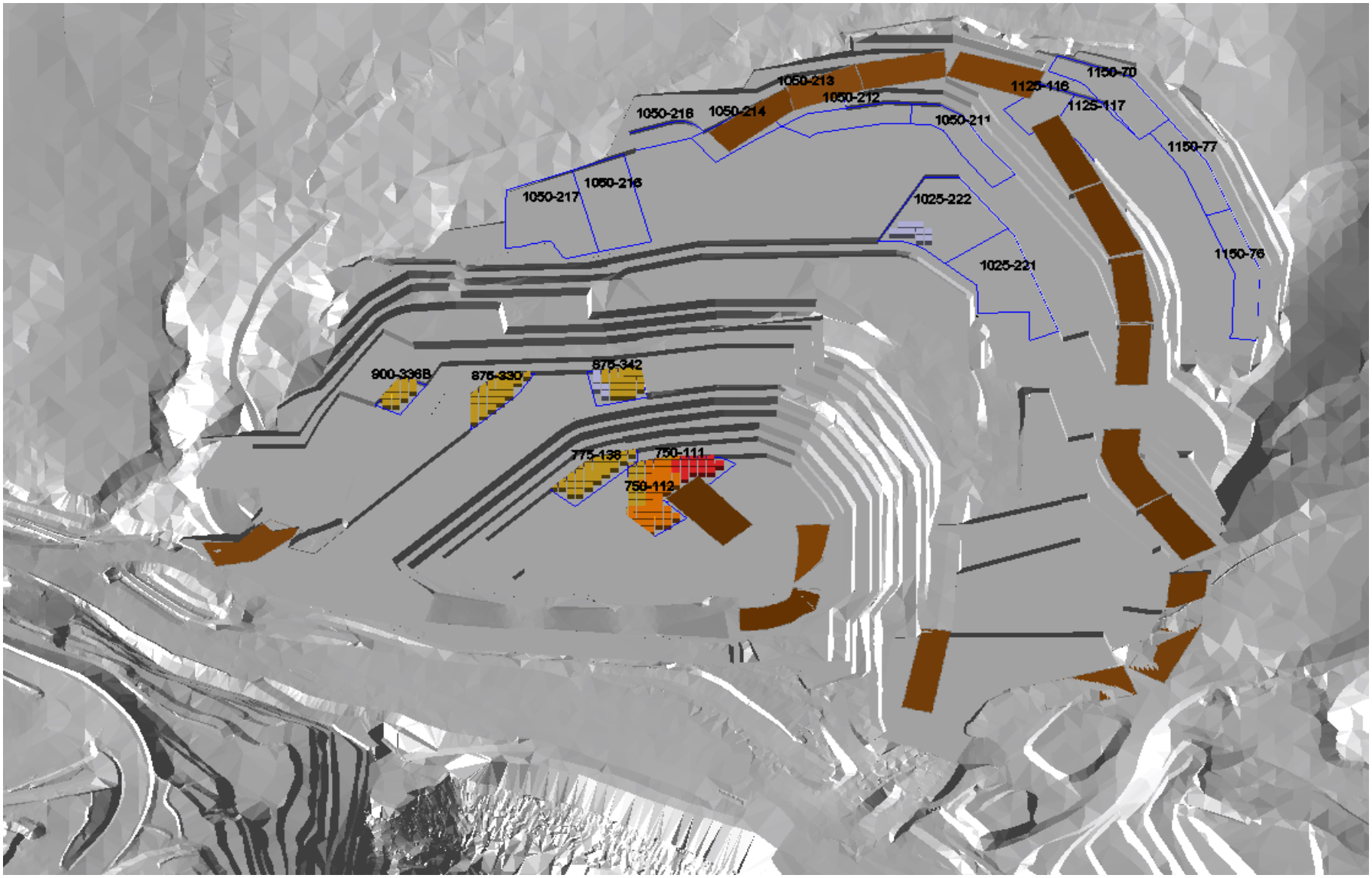


Figure 4-10 October 2015 Mine Plan 3D View

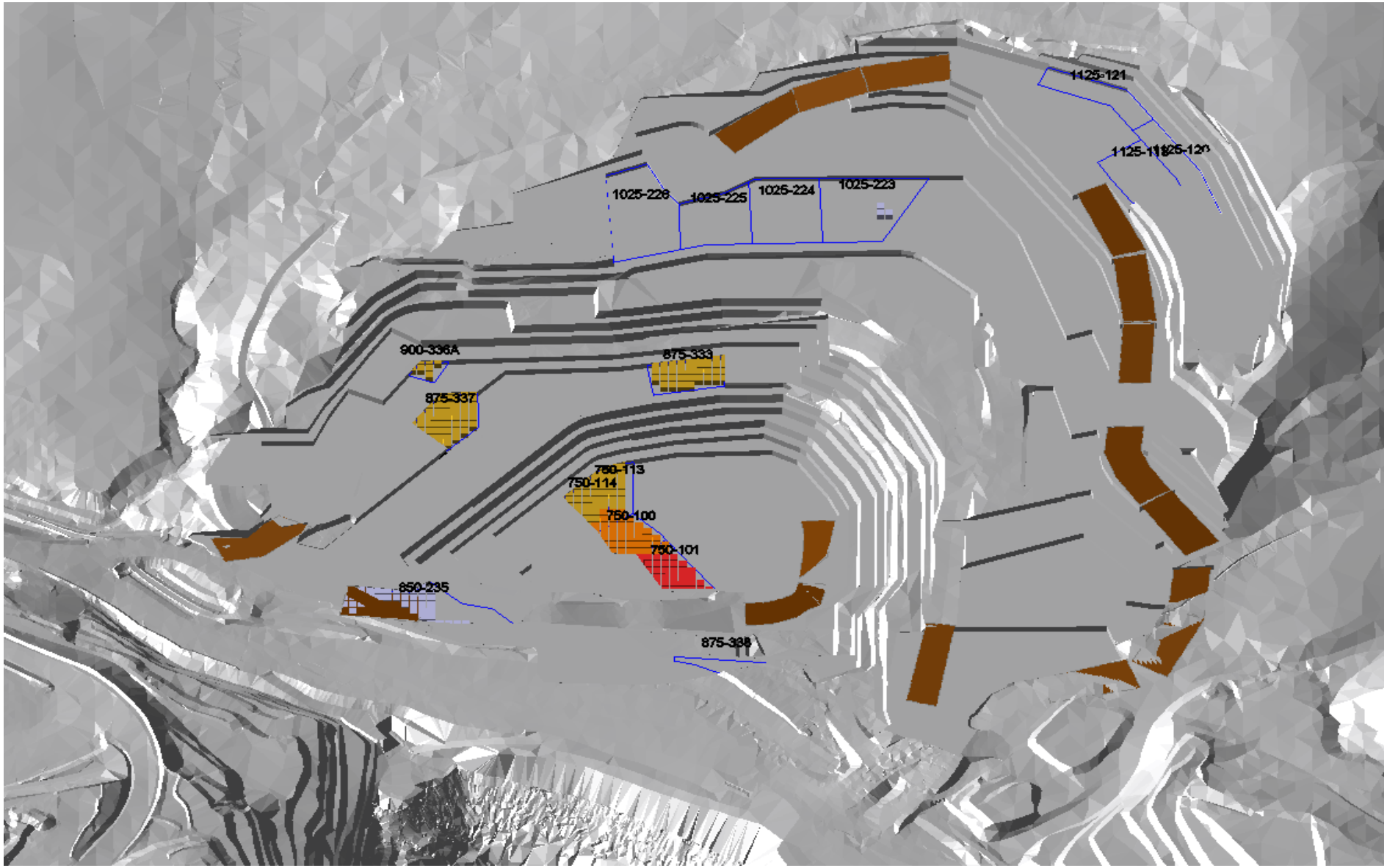


Figure 4-11 November 2015 Mine Plan 3D View

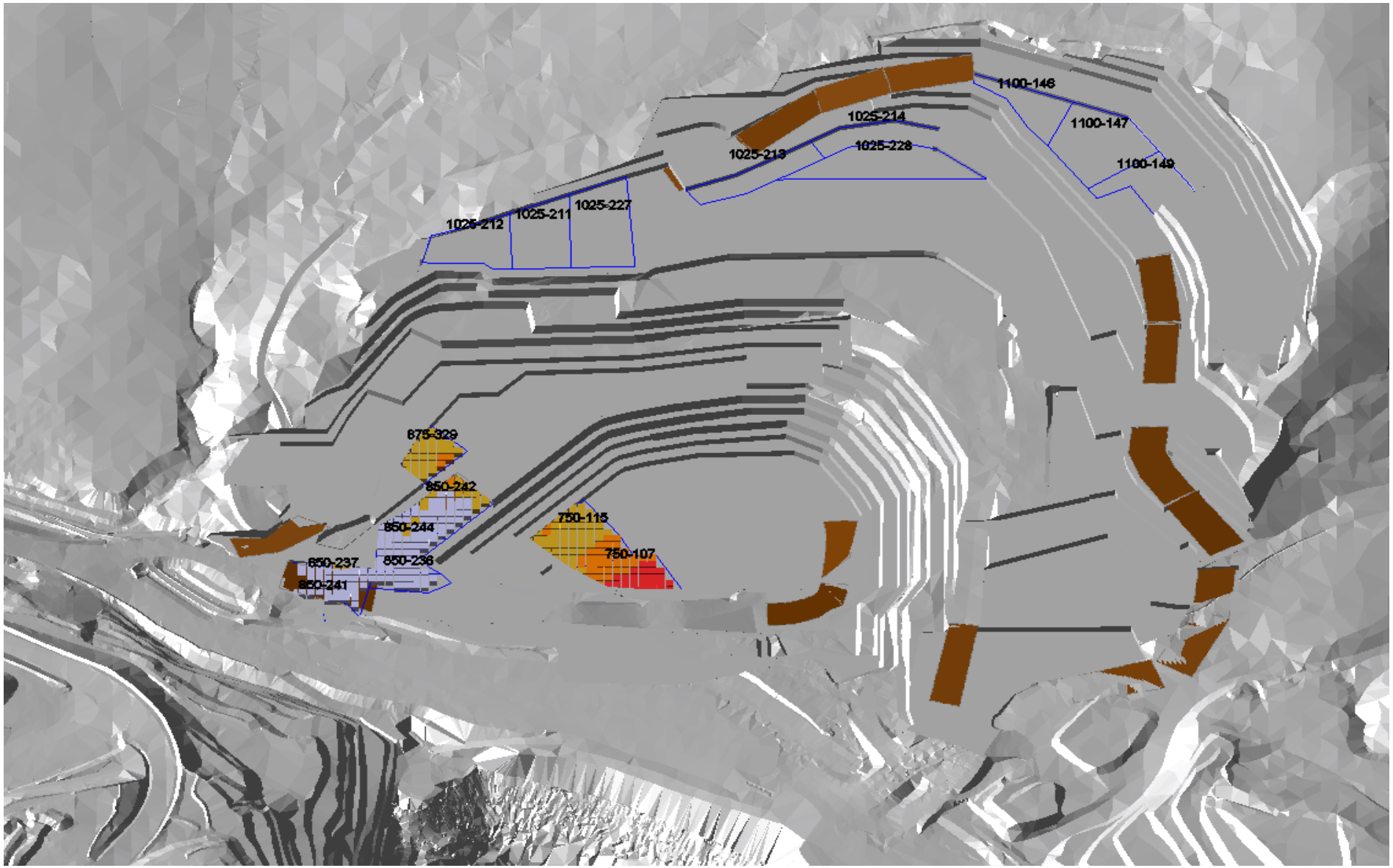


Figure 4-12 December 2015 Mine Plan 3D View

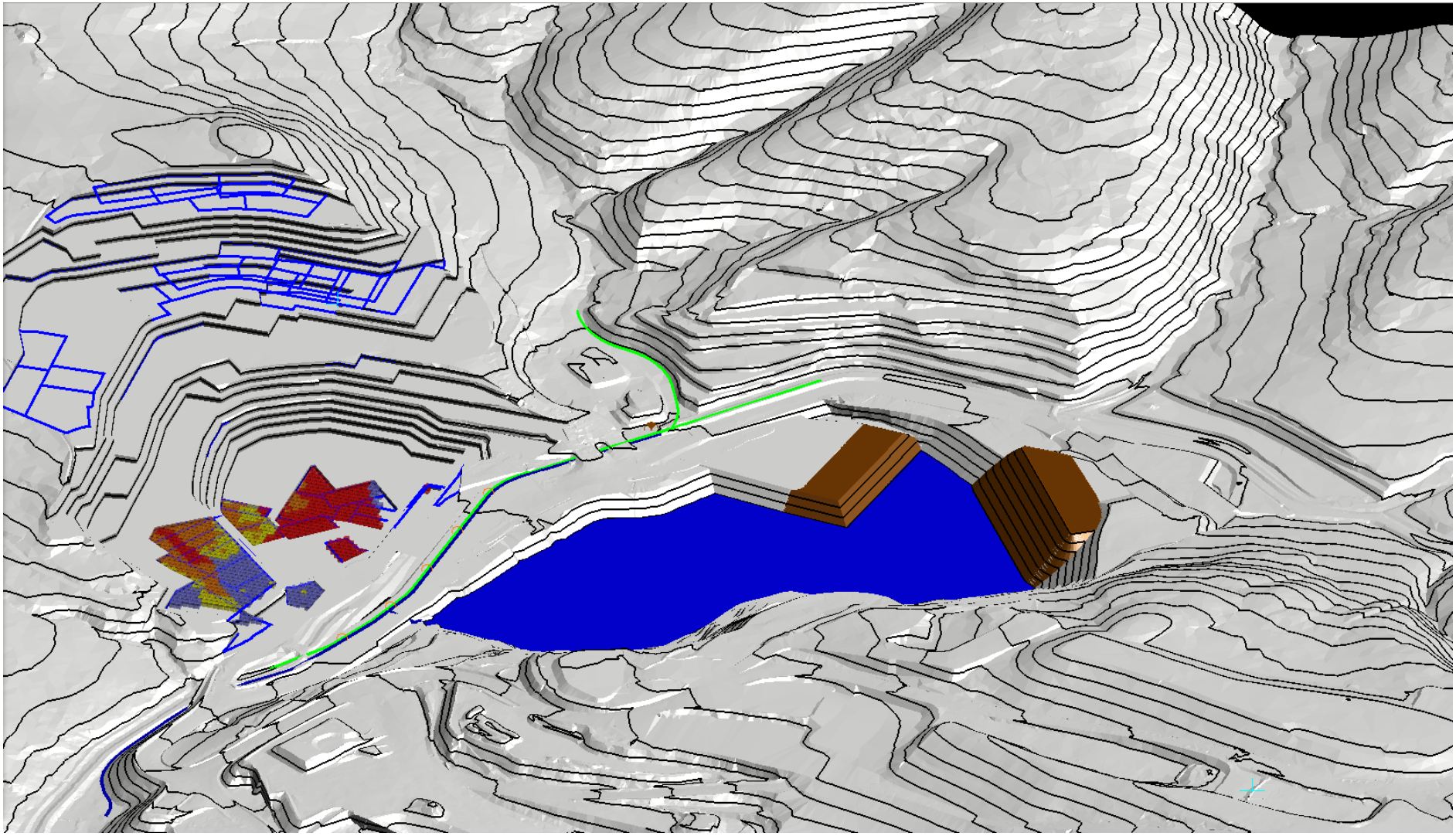


Figure 4-13 Quarter 1 2015 Dump Progress 3D View

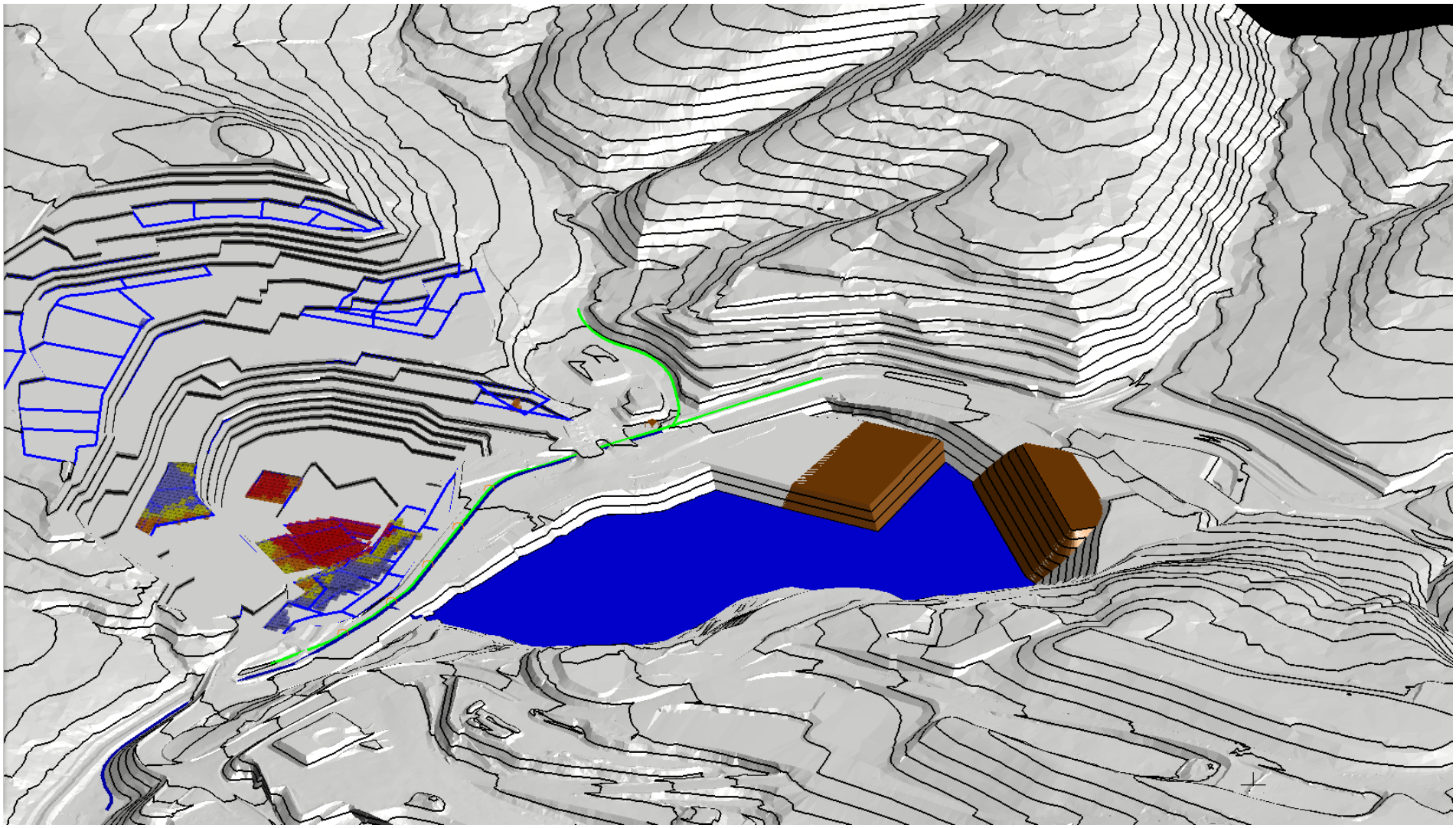


Figure 4-14 Quarter 2 2015 Dump Progress 3D View

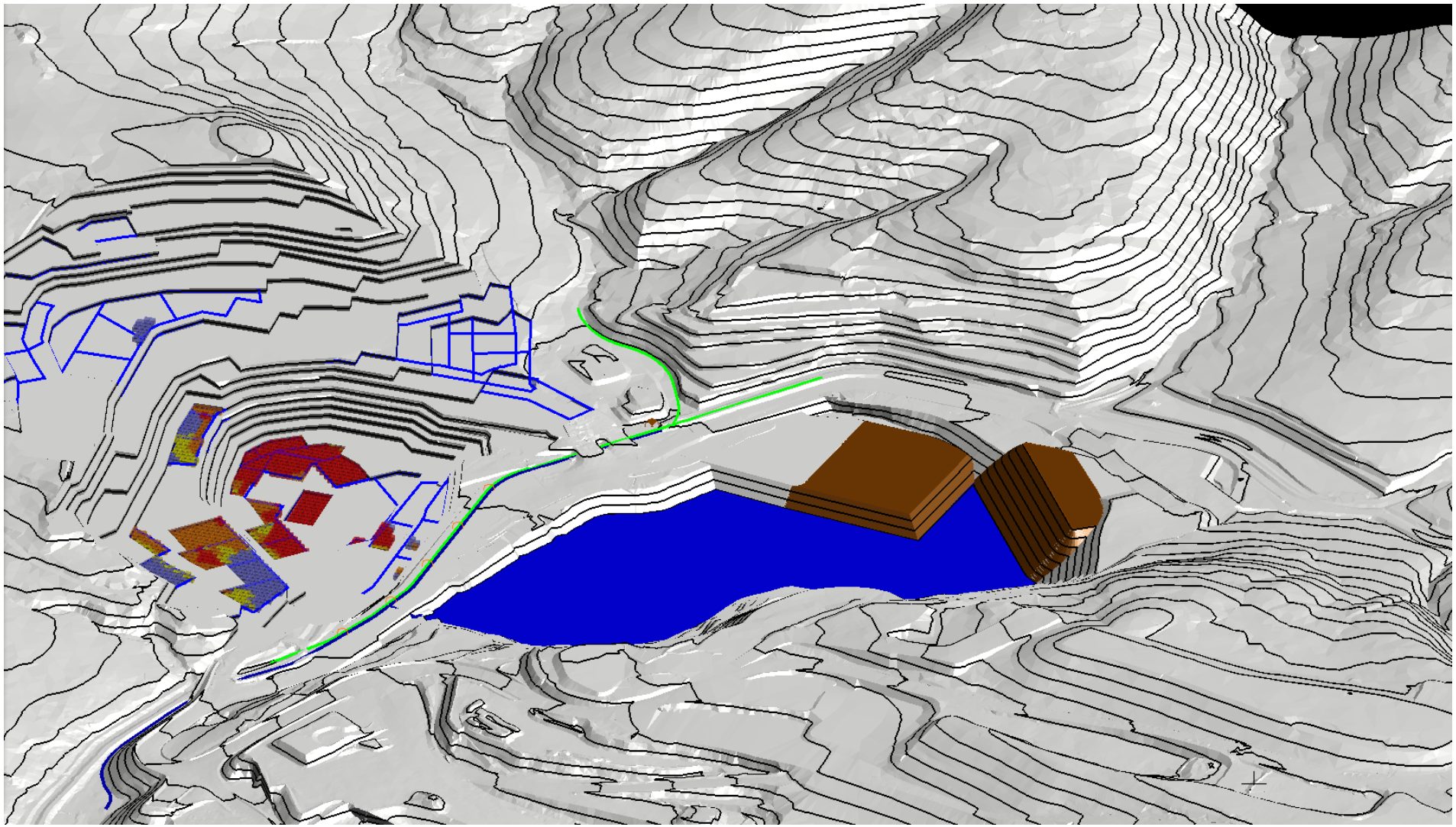


Figure 4-15 Quarter 3 2015 Dump Progress 3D View

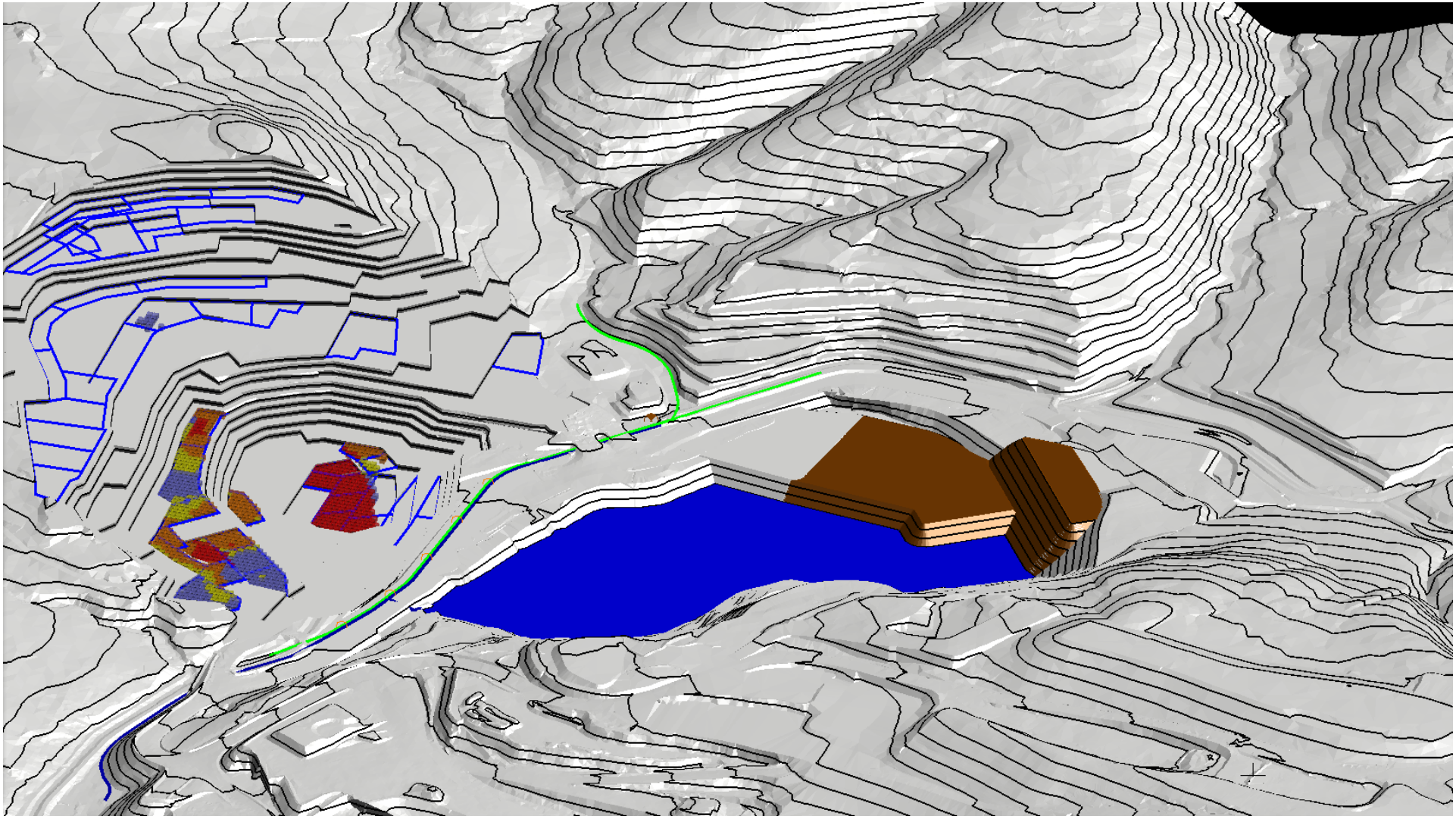
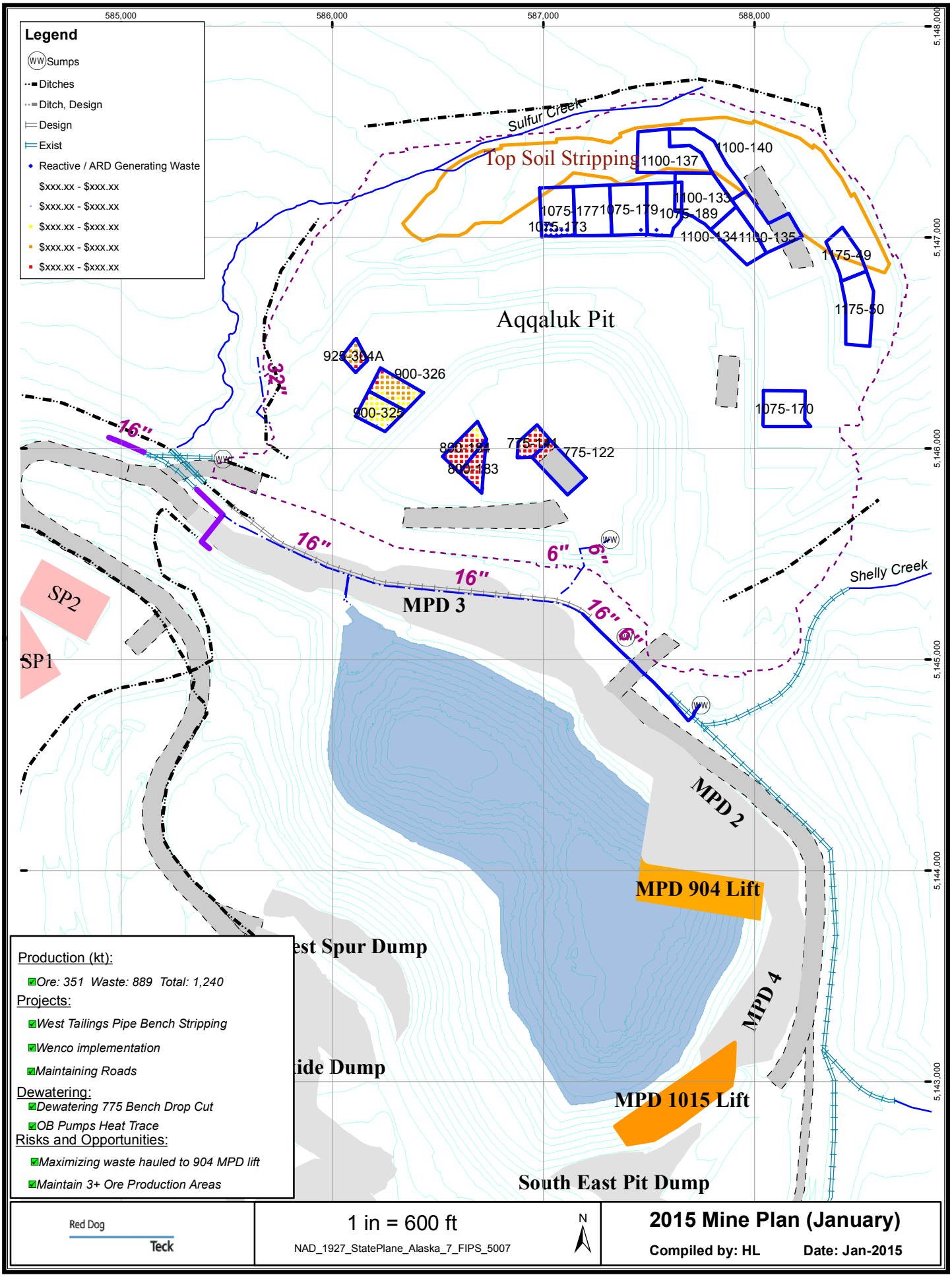


Figure 4-16 Quarter 4 2015 Dump Progress 3D View

4.2. 2015 Mine Plan Maps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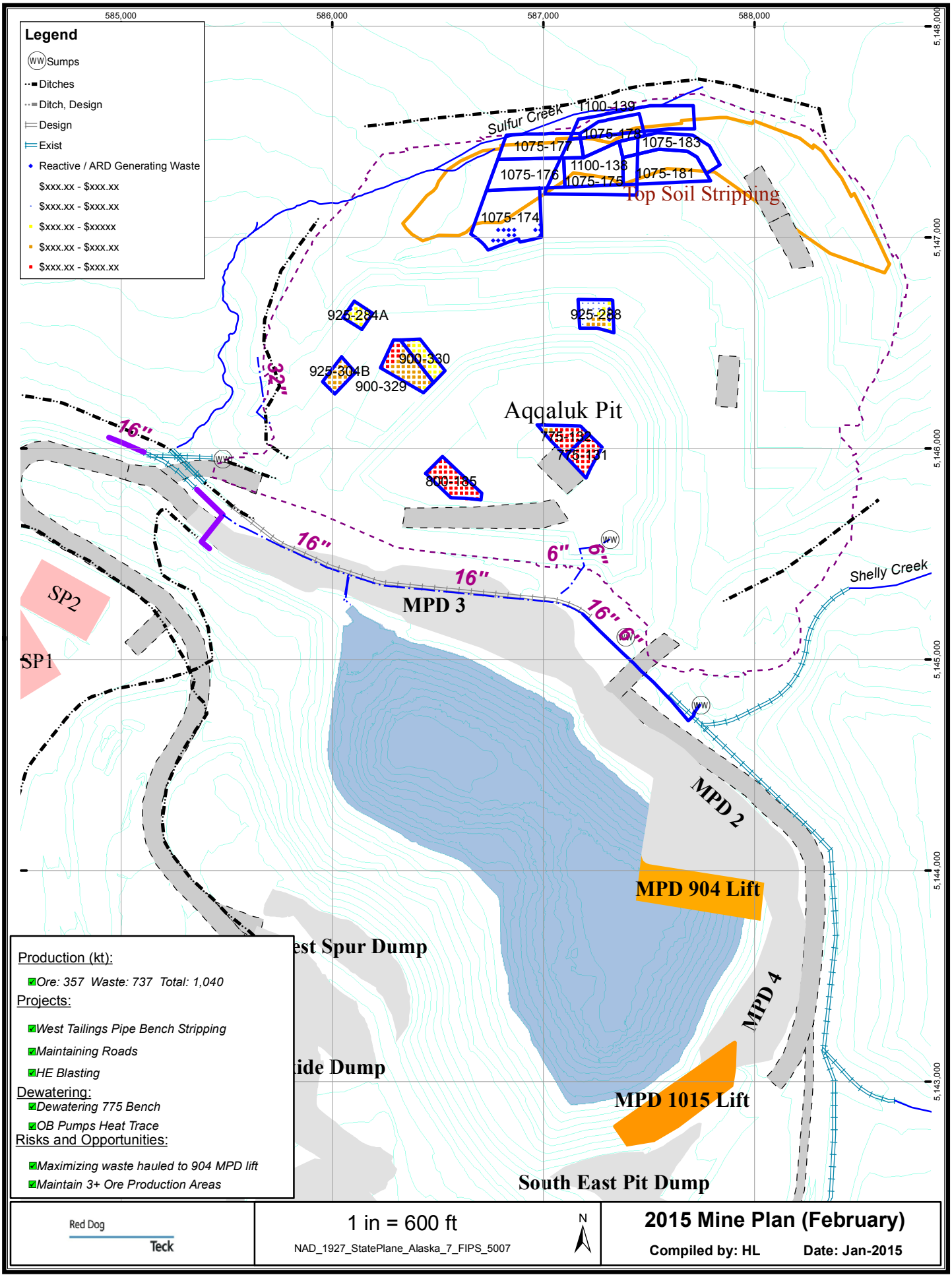
Legend
Sumps
Ditches
Ditch, Design
Design
Exist
Reactive / ARD Generating Waste
$xxx.xx - $xxx.xx
$xxx.xx - $xxx.xx
$xxx.xx - $xxx.xx
$xxx.xx - $xxx.xx
$xxx.xx - $xxx.xx
Sulfur Creek
Top Soil Stripping
1100-140
1100-137
1100-133
1075-177
1075-179
1075-189
1075-173
1100-134
1100-135
1175-49
1175-50
Aqqaluk Pit
925-304A
900-326
900-325
1075-170
800-184
775-124
775-122
800-183
16"
32"
16"
16"
6"
6"
16"
6"
Shelly Creek
SP2
SP1
MPD 3
MPD 2
MPD 904 Lift
MPD 4
MPD 1015 Lift
South East Pit Dump
Production (kt):
Ore: 351 Waste: 889 Total: 1,240
Projects:
West Tailings Pipe Bench Stripping
Wenco implementation
Maintaining Roads
Dewatering:
Dewatering 775 Bench Drop Cut
OB Pumps Heat Trace
Risks and Opportunities:
Maximizing waste hauled to 904 MPD lift
Maintain 3+ Ore Production Areas
Red Dog
Teck
1 in = 600 ft
NAD_1927_StatePlane_Alaska_7_FIPS_5007
N
2015 Mine Plan (January)
Compiled by: HL
Date: Jan-2015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Ditches
Ditch, Design
Design
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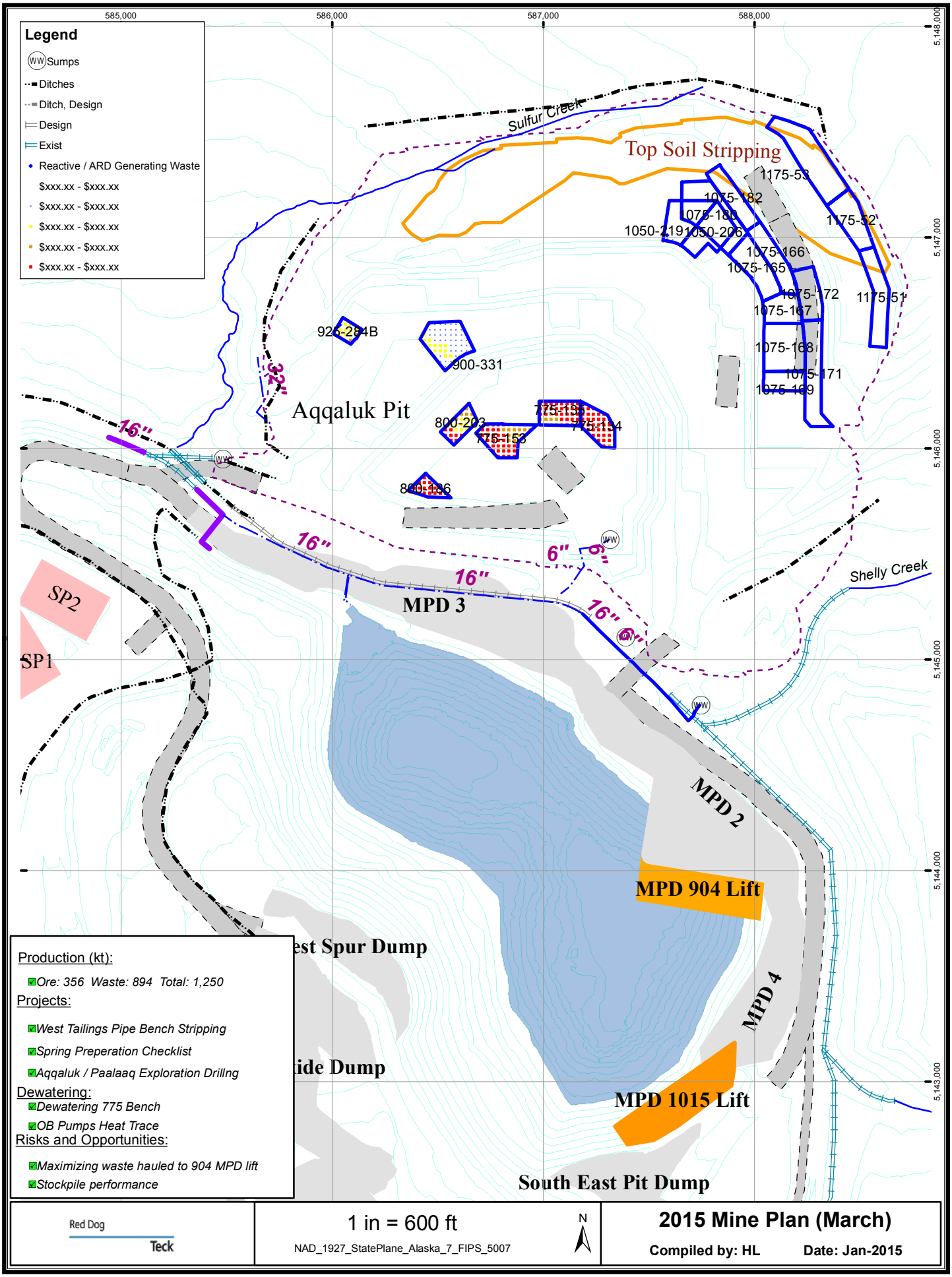
5,143,000
Sulfur Creek
1100-139
1075-178
1075-177
1075-183
1100-138
1075-176
1075-175
1075-181
1075-174
Top Soil Stripping
925-284A
925-288
925-304B
900-330
900-329
Aqqaluk Pit
775-182
775-171
800-185
16"
6"
MPD 3
Shelly Creek
SP2
SP1
MPD 2
MPD 904 Lift
MPD 4
MPD 1015 Lift
South East Pit Dump
Production (kt):
Ore: 357 Waste: 737 Total: 1,040
Projects:
West Tailings Pipe Bench Stripping
Maintaining Roads
HE Blasting
Dewatering:
Dewatering 775 Bench
OB Pumps Heat Trace
Risks and Opportunities:
Maximizing waste hauled to 904 MPD lift
Maintain 3+ Ore Production Areas
Red Dog
Teck
1 in = 600 ft
NAD_1927_StatePlane_Alaska_7_FIPS_5007
N
2015 Mine Plan (February)
Compiled by: HL
Date: Jan-2015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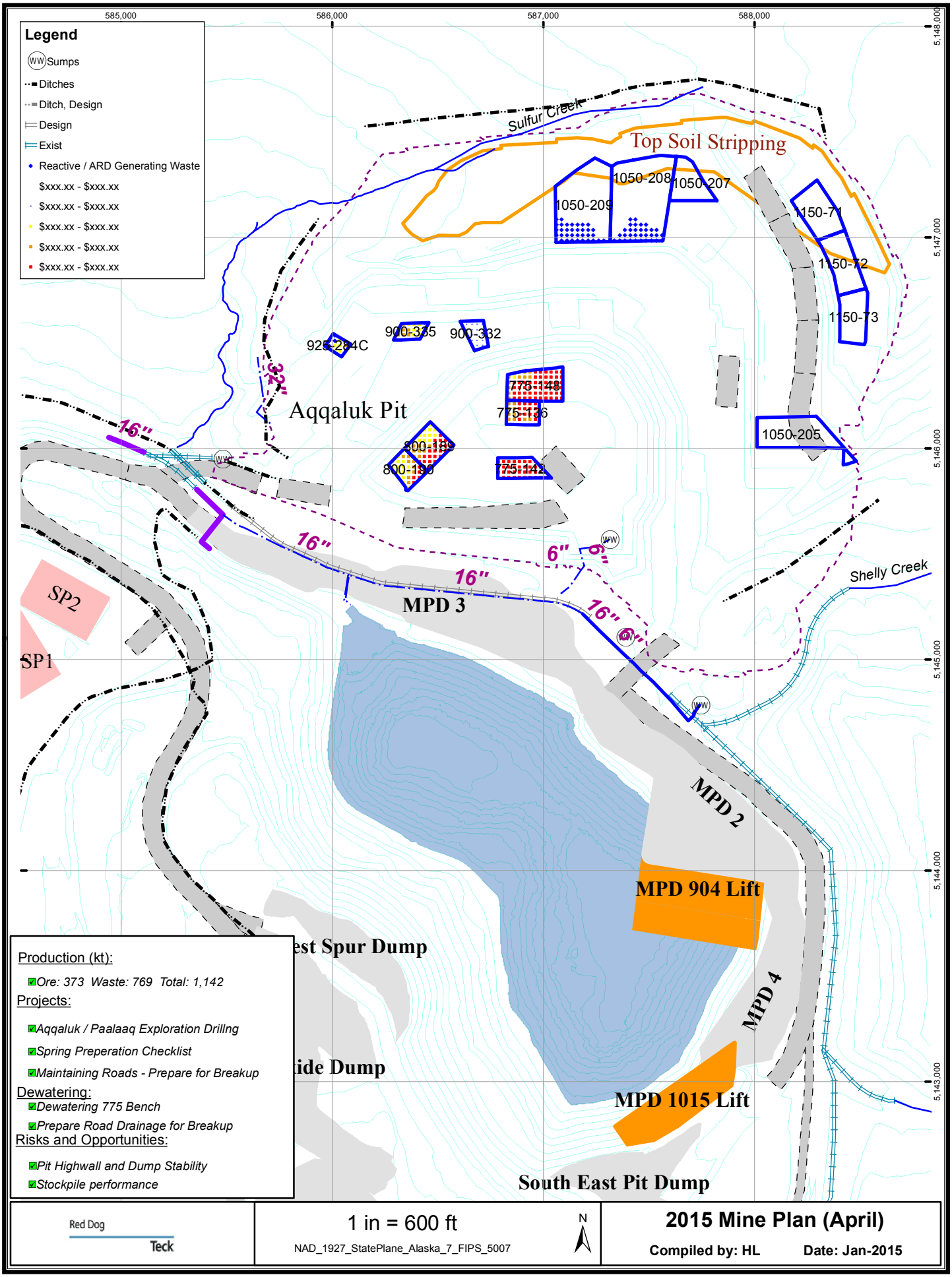
Sulfur Creek
Top Soil Stripping
1175-53
1075-182
1075-180
1175-52
1050-219
1050-206
1075-166
1075-165
1075-172
1175-51
1075-167
926-284B
900-331
1075-168
1075-171
1075-169
Aqqaluk Pit
775-155
775-154
800-203
775-153
800-136
22"
16"
16"
16"
16"
6"
6"
6"
Shelly Creek
SP2
SP1
MPD 3
MPD 2
MPD 904 Lift
MPD 4
MPD 1015 Lift
South East Pit Dump
Production (kt):
Ore: 356 Waste: 894 Total: 1,250
Projects:
West Tailings Pipe Bench Stripping
Spring Preperation Checklist
Aqqaluk / Paalaaq Exploration Drillng
Dewatering:
Dewatering 775 Bench
OB Pumps Heat Trace
Risks and Opportunities:
Maximizing waste hauled to 904 MPD lift
Stockpile performance
Red Dog
Teck
1 in = 600 ft
NAD_1927_StatePlane_Alaska_7_FIPS_5007
N
2015 Mine Plan (March)
Compiled by: HL
Date: Jan-2015


Legend
Sumps
Ditches
Ditch, Design
Design
Exist
Reactive / ARD Generating Waste
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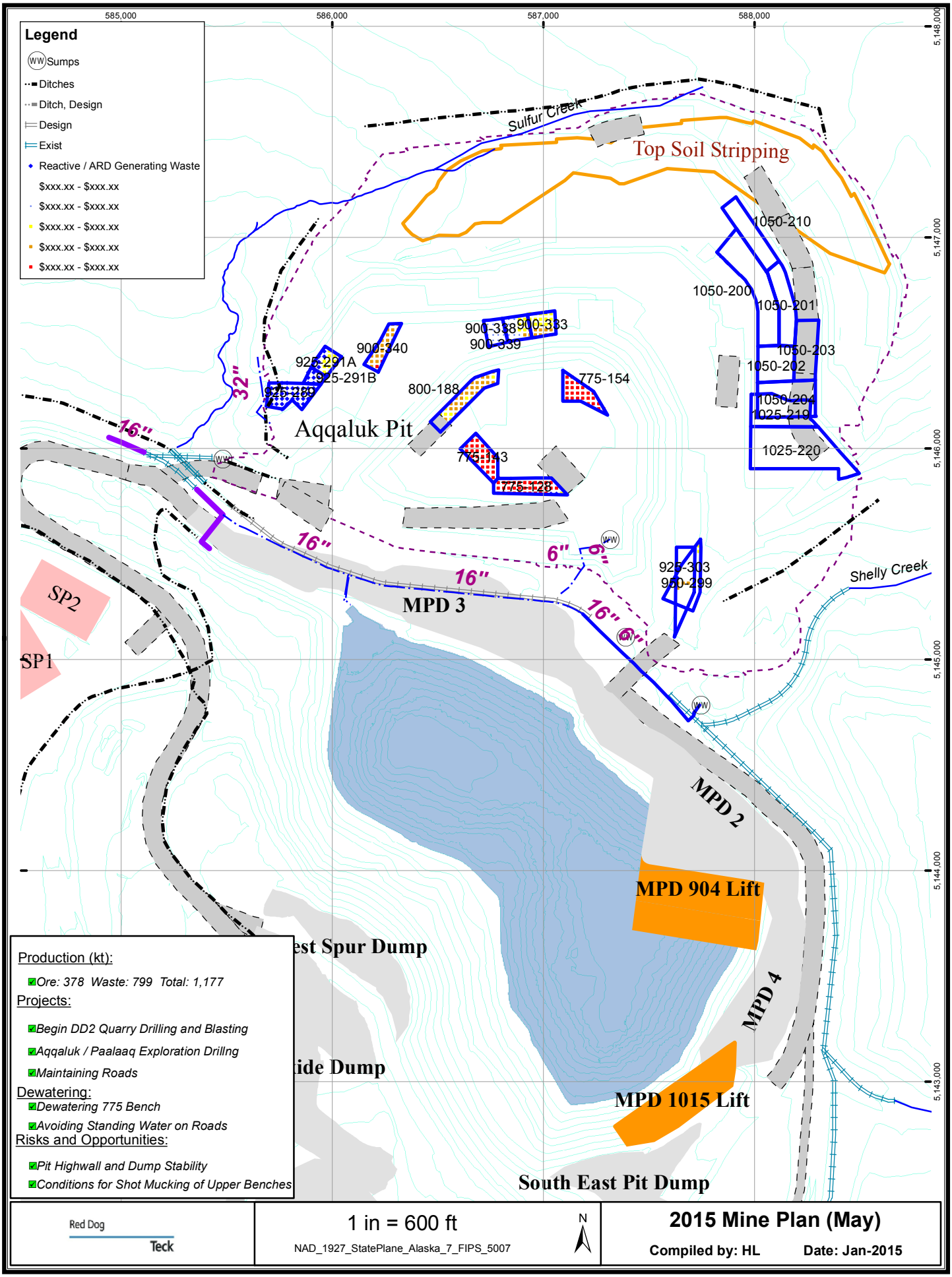
Sulfur Creek
Top Soil Stripping
1050-208
1050-207
1050-209
1150-71
1150-72
1150-73
925-284C
900-335
900-332
775-148
775-146
Aqqaluk Pit
800-189
800-190
775-142
1050-205
16"
32"
6"
Shelly Creek
SP2
SP1
MPD 3
MPD 2
MPD 904 Lift
MPD 4
MPD 1015 Lift
South East Pit Dump
Production (kt):
Ore: 373 Waste: 769 Total: 1,142
Projects:
Aqqaluk / Paalaaq Exploration Drillng
Spring Preperation Checklist
Maintaining Roads - Prepare for Breakup
Dewatering:
Dewatering 775 Bench
Prepare Road Drainage for Breakup
Risks and Opportunities:
Pit Highwall and Dump Stability
Stockpile performance
Red Dog
Teck
1 in = 600 ft
NAD_1927_StatePlane_Alaska_7_FIPS_5007
N
2015 Mine Plan (April)
Compiled by: HL
Date: Jan-2015


Legend
Sumps
Ditches
Ditch, Design
Design
Exist
Reactive / ARD Generating Waste
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$xxx.xx - $xxx.xx
$xxx.xx - $xxx.xx
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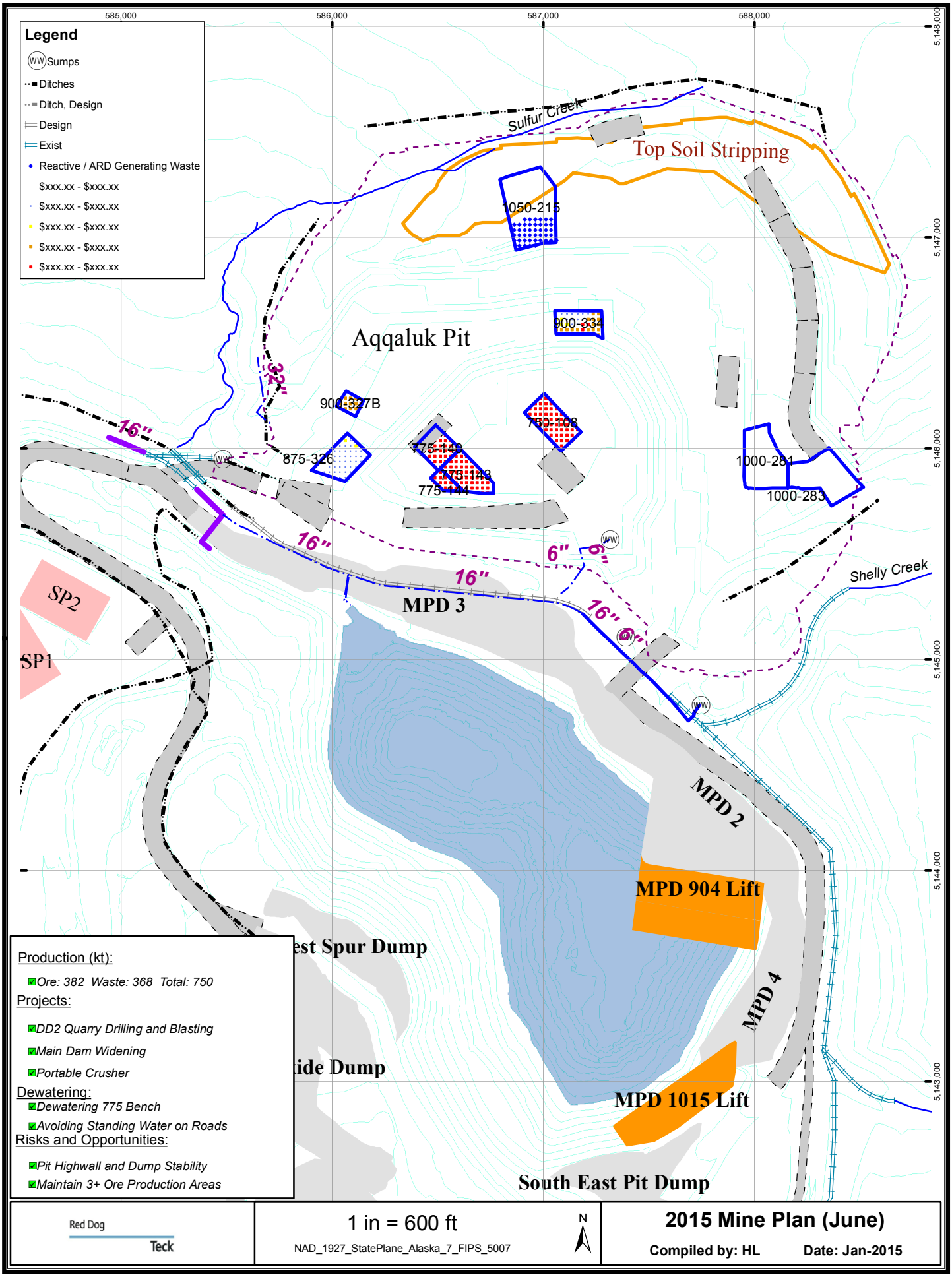
Sulfur Creek
Top Soil Stripping
1050-210
1050-200
1050-201
1050-203
1050-202
1050-204
1025-210
1025-220
900-338
900-333
900-339
900-340
925-291A
925-291B
925-289
800-188
775-154
775-143
775-128
32"
16"
16"
16"
16"
6"
6"
6"
Aqqaluk Pit
MPD 3
925-303
950-299
Shelly Creek
SP2
SP1
MPD 2
MPD 904 Lift
MPD 4
MPD 1015 Lift
South East Pit Dump
Production (kt):
Ore: 378 Waste: 799 Total: 1,177
Projects:
Begin DD2 Quarry Drilling and Blasting
Aqqaluk / Paalaaq Exploration Drillng
Maintaining Roads
Dewatering:
Dewatering 775 Bench
Avoiding Standing Water on Roads
Risks and Opportunities:
Pit Highwall and Dump Stability
Conditions for Shot Mucking of Upper Benches
Red Dog
Teck
1 in = 600 ft
NAD_1927_StatePlane_Alaska_7_FIPS_5007
N
2015 Mine Plan (May)
Compiled by: HL
Date: Jan-2015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Sumps
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Ditch, Design
Design
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Reactive / ARD Generating Waste
$xxx.xx - $xxx.xx
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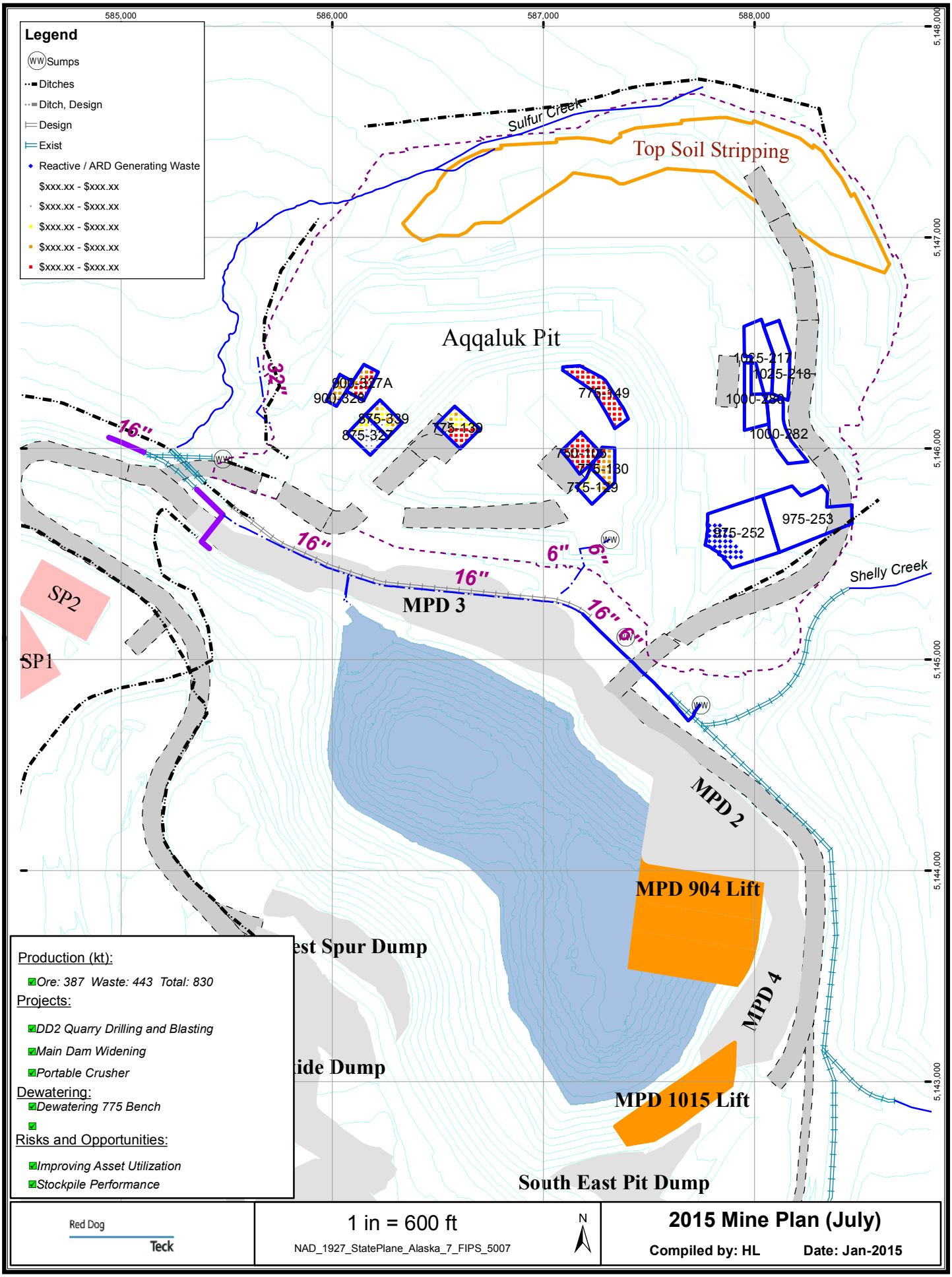
$xxx.xx - $xxx.xx
$xxx.xx - $xxx.xx
$xxx.xx - $xxx.xx
Sulfur Creek
Top Soil Stripping
1050-215
Aqqaluk Pit
900-334
900-327B
875-326
775-142
775-143
775-144
750-108
1000-281
1000-283
16"
32"
6"
MPD 3
SP2
SP1
Shelly Creek
MPD 2
MPD 904 Lift
MPD 4
MPD 1015 Lift
South East Pit Dump
Production (kt):
Ore: 382 Waste: 368 Total: 750
Projects:
DD2 Quarry Drilling and Blasting
Main Dam Widening
Portable Crusher
Dewatering:
Dewatering 775 Bench
Avoiding Standing Water on Roads
Risks and Opportunities:
Pit Highwall and Dump Stability
Maintain 3+ Ore Production Areas
Red Dog
Teck
1 in = 600 ft
NAD_1927_StatePlane_Alaska_7_FIPS_5007
N
2015 Mine Plan (June)
Compiled by: HL
Date: Jan-2015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Sumps
Ditches
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Reactive / ARD Generating Waste
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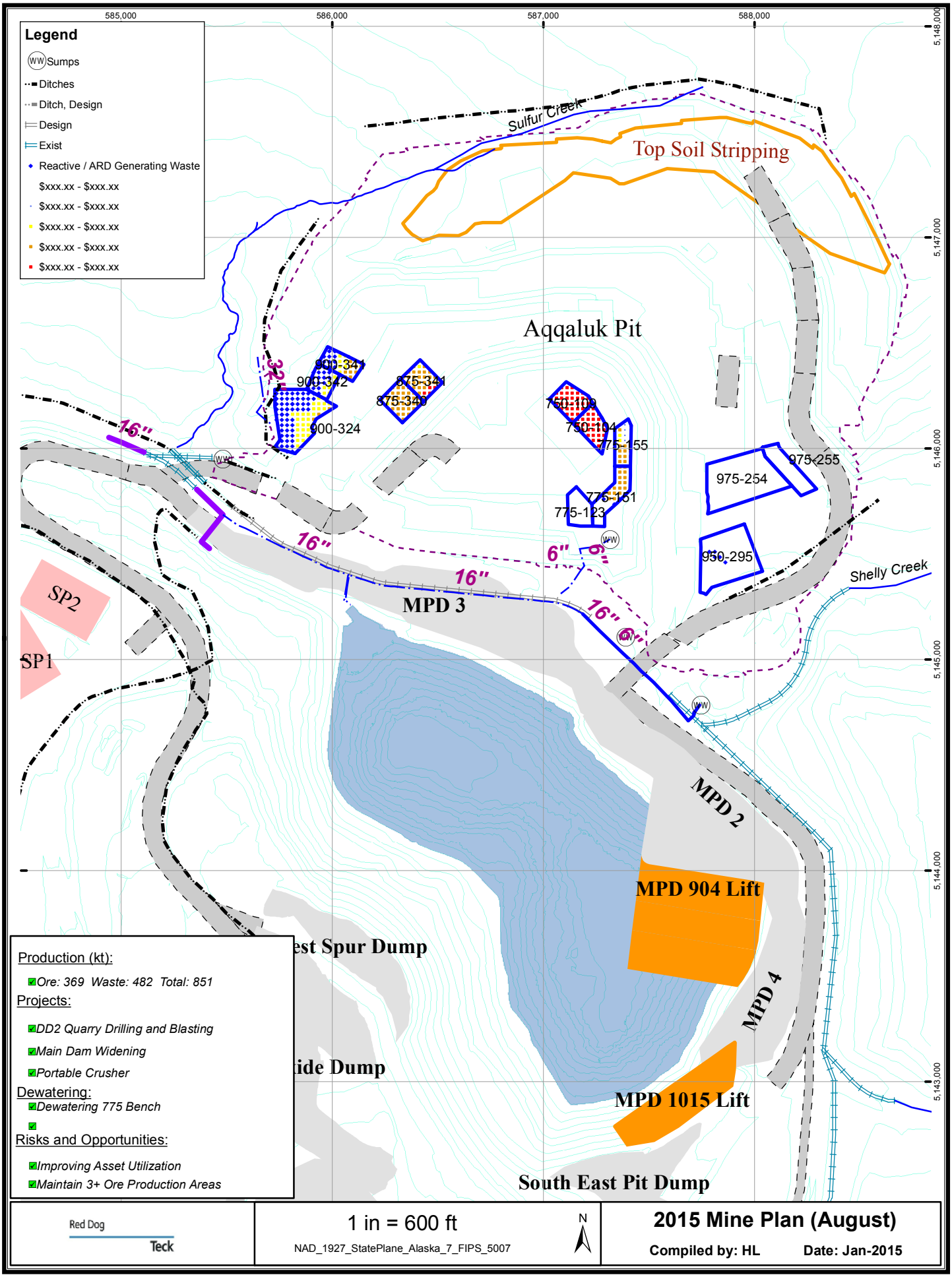
$xxx.xx - $xxx.xx
$xxx.xx - $xxx.xx
$xxx.xx - $xxx.xx
Sulfur Creek
Top Soil Stripping
Aqqaluk Pit
22"
16"
900-327A
900-328
875-339
875-327
775-139
775-149
750-105
775-130
775-129
1025-217
1025-218
1000-281
1000-282
975-253
875-252
16"
16"
6"
6"
16"
6"
MPD 3
SP2
SP1
Shelly Creek
MPD 2
MPD 904 Lift
MPD 4
MPD 1015 Lift
South East Pit Dump
Production (kt):
Ore: 387 Waste: 443 Total: 830
Projects:
DD2 Quarry Drilling and Blasting
Main Dam Widening
Portable Crusher
Dewatering:
Dewatering 775 Bench
Risks and Opportunities:
Improving Asset Utilization
Stockpile Performance
Red Dog
Teck
1 in = 600 ft
NAD_1927_StatePlane_Alaska_7_FIPS_5007
N
2015 Mine Plan (July)
Compiled by: HL
Date: Jan-2015


Legend
Sumps
Ditches
Ditch, Design
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Exist
Reactive / ARD Generating Waste
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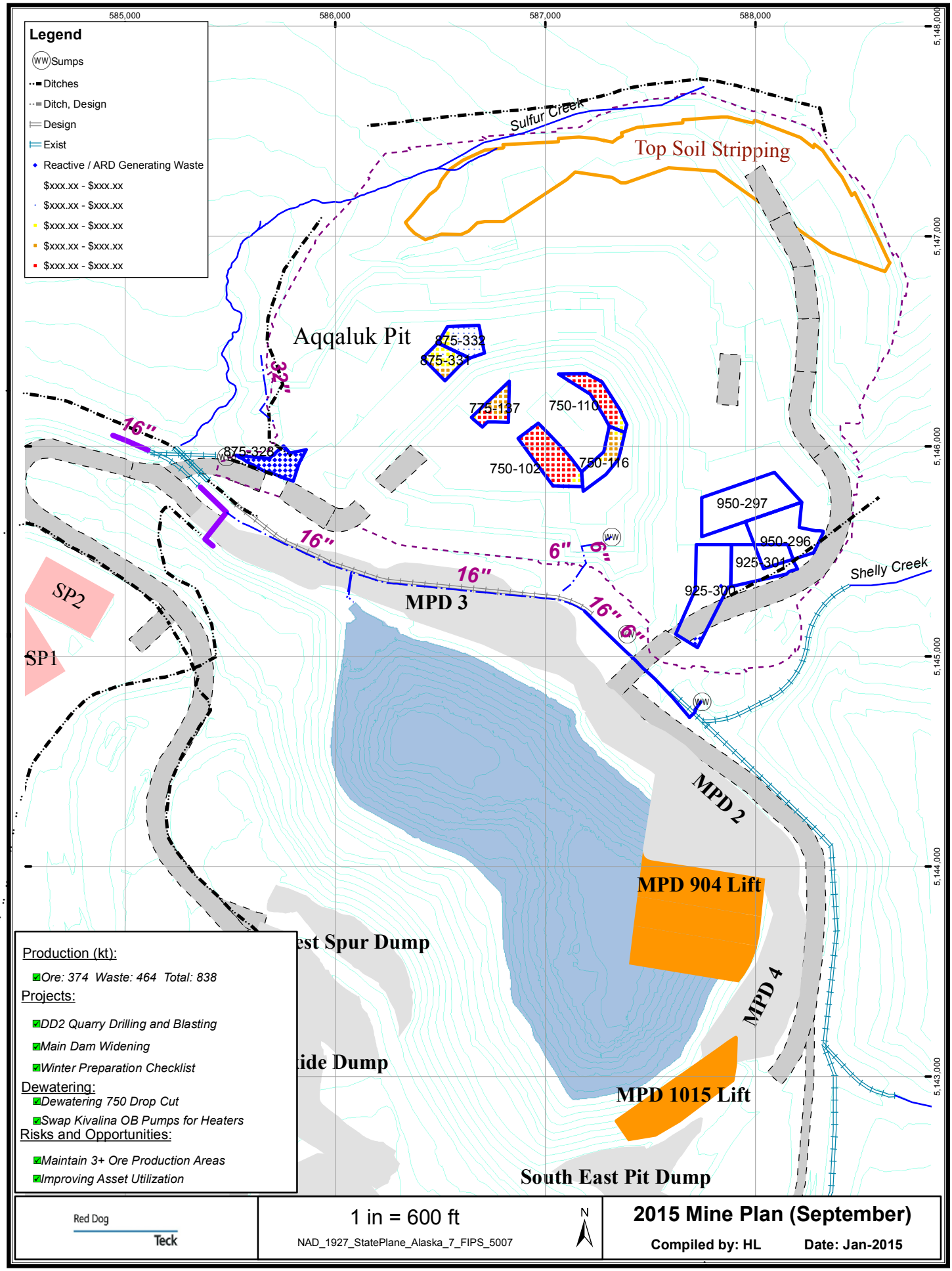
Sulfur Creek
Top Soil Stripping
Aqqaluk Pit
900-341
900-342
900-324
875-341
875-340
750-109
750-104
775-155
775-151
775-123
975-254
975-255
950-295
32"
16"
16"
16"
16"
6"
6"
6"
SP2
SP1
MPD 3
MPD 2
MPD 4
MPD 904 Lift
MPD 1015 Lift
Shelly Creek
est Spur Dump
ide Dump
South East Pit Dump
Production (kt):
Ore: 369 Waste: 482 Total: 851
Projects:
DD2 Quarry Drilling and Blasting
Main Dam Widening
Portable Crusher
Dewatering:
Dewatering 775 Bench
Risks and Opportunities:
Improving Asset Utilization
Maintain 3+ Ore Production Areas
Red Dog
Teck
1 in = 600 ft
NAD_1927_StatePlane_Alaska_7_FIPS_5007
N
2015 Mine Plan (August)
Compiled by: HL
Date: Jan-2015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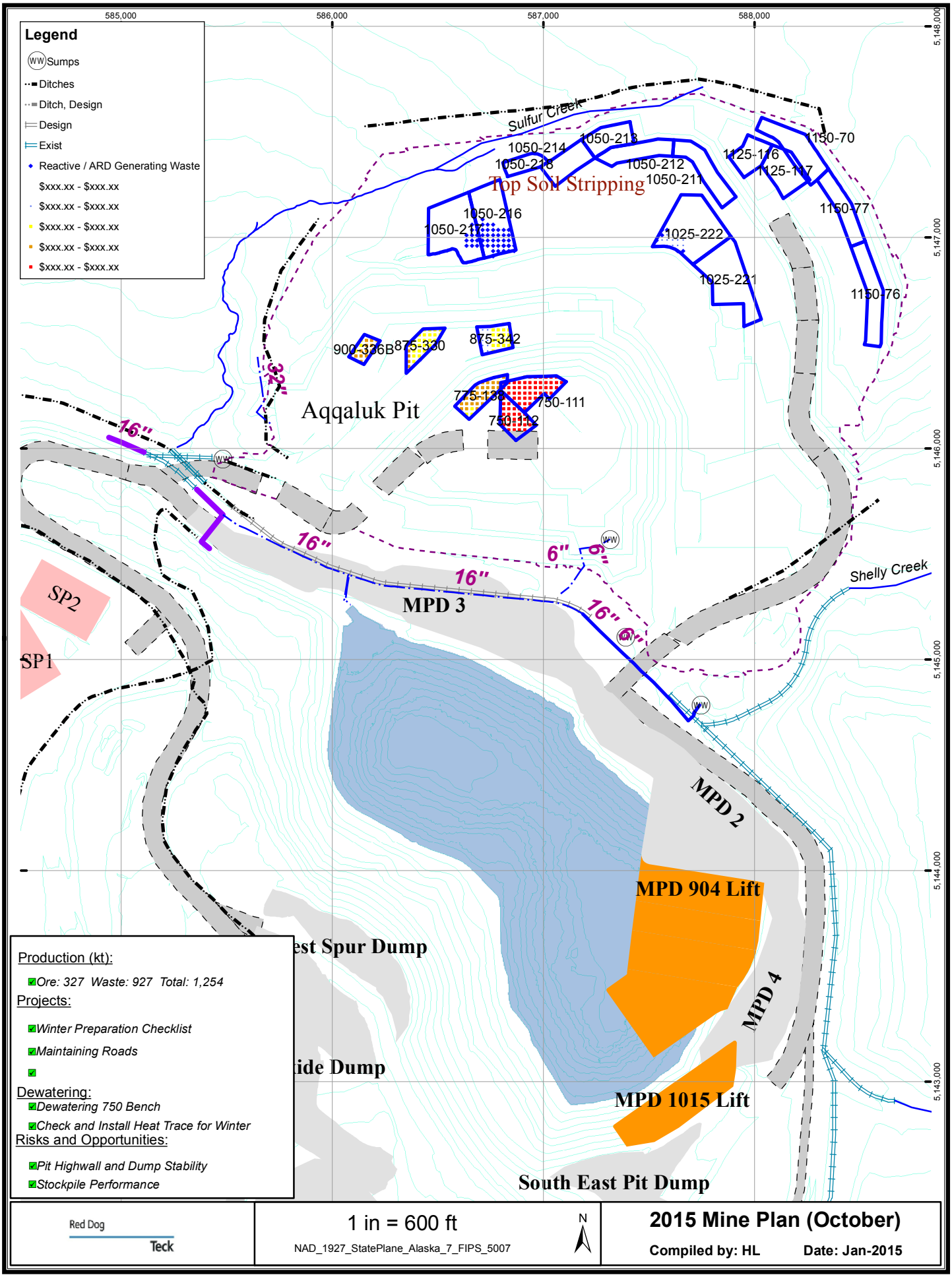
Legend
Sumps
Ditches
Ditch, Design
Design
Exist
Reactive / ARD Generating Waste
$xxx.xx - $xxx.xx
$xxx.xx - $xxx.xx
$xxx.xx - $xxx.xx
$xxx.xx - $xxx.xx
$xxx.xx - $xxx.xx
Sulfur Creek
Top Soil Stripping
Aqqaluk Pit
875-332
875-331
775-137
750-110
750-102
750-116
875-328
950-297
950-296
925-301
925-300
Shelly Creek
16"
6"
MPD 3
SP2
SP1
MPD 2
MPD 904 Lift
MPD 4
MPD 1015 Lift
South East Pit Dump
Production (kt):
Ore: 374 Waste: 464 Total: 838
Projects:
DD2 Quarry Drilling and Blasting
Main Dam Widening
Winter Preparation Checklist
Dewatering:
Dewatering 750 Drop Cut
Swap Kivalina OB Pumps for Heaters
Risks and Opportunities:
Maintain 3+ Ore Production Areas
Improving Asset Utilization
Red Dog
Teck
1 in = 600 ft
NAD_1927_StatePlane_Alaska_7_FIPS_5007
N
2015 Mine Plan (September)
Compiled by: HL
Date: Jan-2015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Sumps
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Reactive / ARD Generating Waste
$xxx.xx - $xxx.xx
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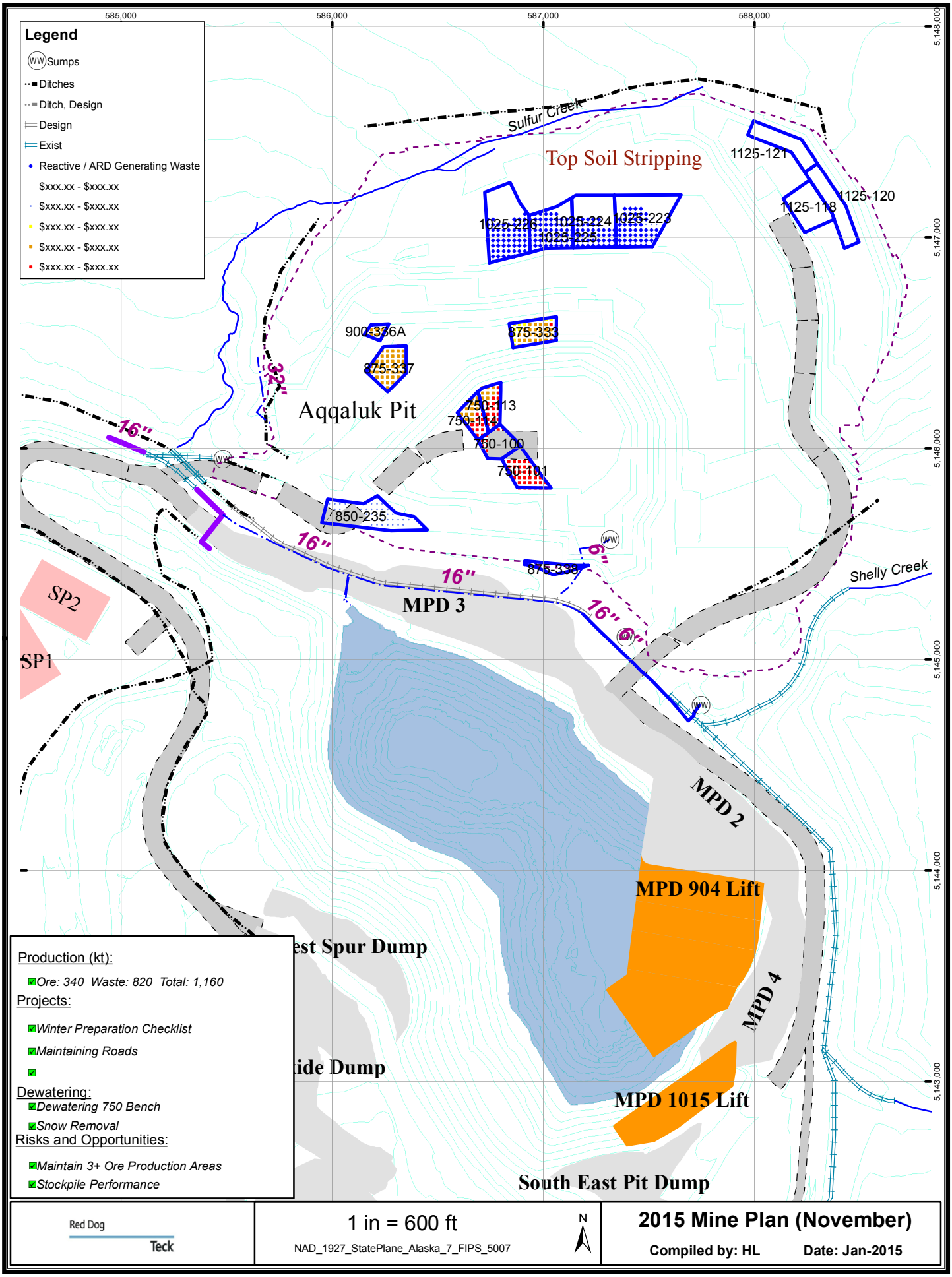
$xxx.xx - $xxx.xx
$xxx.xx - $xxx.xx
$xxx.xx - $xxx.xx
Sulfur Creek
Top Soil Stripping
1050-214
1050-213
1050-216
1050-212
1050-211
1050-215
1050-217
1125-116
1125-117
1150-70
1150-77
1025-222
1025-221
1150-76
900-336B
875-330
875-342
775-136
750-111
750-112
Aqqaluk Pit
32"
16"
16"
16"
16"
6"
6"
6"
SP2
SP1
MPD 3
MPD 2
MPD 904 Lift
MPD 4
MPD 1015 Lift
Shelly Creek
South East Pit Dump
Production (kt):
Ore: 327 Waste: 927 Total: 1,254
Projects:
Winter Preparation Checklist
Maintaining Roads
Dewatering:
Dewatering 750 Bench
Check and Install Heat Trace for Winter
Risks and Opportunities:
Pit Highwall and Dump Stability
Stockpile Performance
Red Dog
Teck
1 in = 600 ft
NAD_1927_StatePlane_Alaska_7_FIPS_5007
N
2015 Mine Plan (October)
Compiled by: HL
Date: Jan-2015


Legend
Sumps
Ditches
Ditch, Design
Design
Exist
Reactive / ARD Generating Waste
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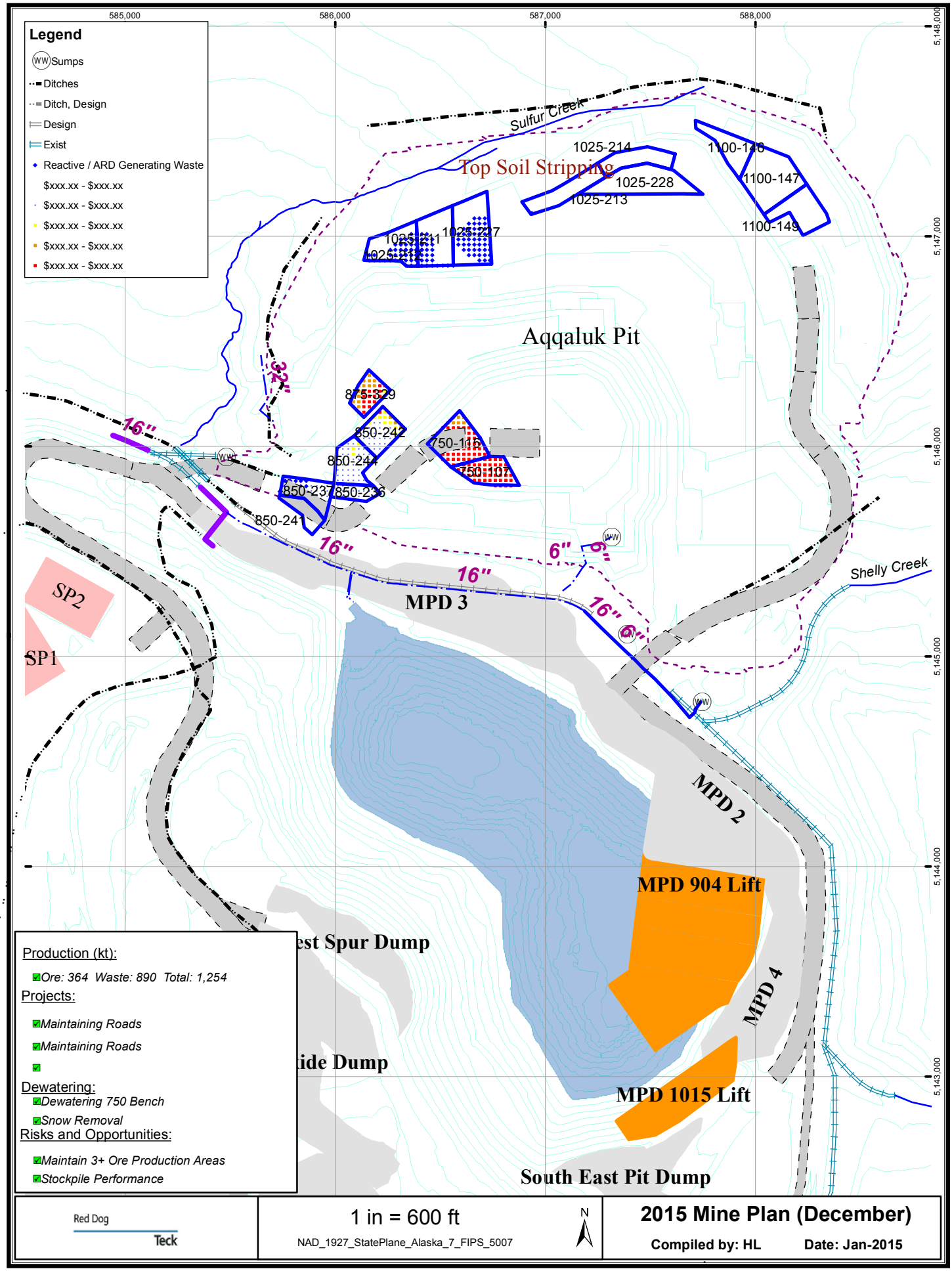
Sulfur Creek
Top Soil Stripping
1125-121
1125-120
1125-118
1025-226
1025-224
1025-223
1025-225
900-336A
875-333
875-337
Aqqaluk Pit
750-113
750-100
750-101
850-235
875-338
16"
22"
6"
SP2
SP1
MPD 3
Shelly Creek
MPD 2
MPD 904 Lift
MPD 4
MPD 1015 Lift
South East Pit Dump
Production (kt):
Ore: 340 Waste: 820 Total: 1,160
Projects:
Winter Preparation Checklist
Maintaining Roads
Dewatering:
Dewatering 750 Bench
Snow Removal
Risks and Opportunities:
Maintain 3+ Ore Production Areas
Stockpile Performance
Red Dog
Teck
1 in = 600 ft
NAD_1927_StatePlane_Alaska_7_FIPS_5007
N
2015 Mine Plan (November)
Compiled by: HL
Date: Jan-2015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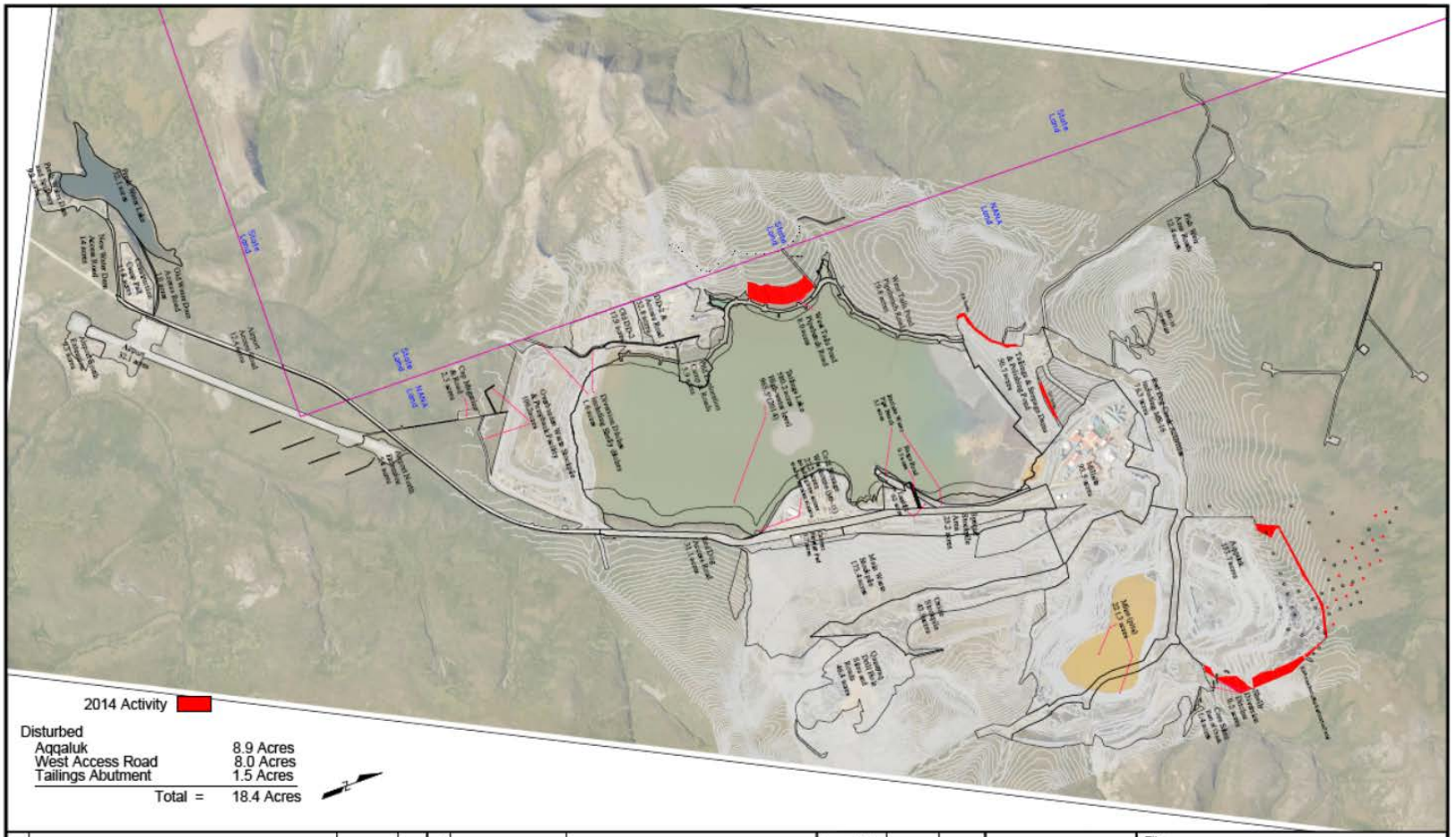
Design
Exist
Reactive / ARD Generating Waste
$xxx.xx - $xxx.xx
$xxx.xx - $xxx.xx
$xxx.xx - $xxx.xx
$xxx.xx - $xxx.xx
$xxx.xx - $xxx.xx
Sulfur Creek
Top Soil Stripping
1025-214
1100-146
1025-228
1100-147
1025-213
1100-149
1025-227
1025-211
1025-212
Aqqaluk Pit
22"
875-229
850-242
750-115
850-244
750-107
850-237
850-236
850-241
16"
16"
16"
16"
6"
6"
6"
MPD 3
Shelly Creek
SP2
SP1
MPD 2
MPD 904 Lift
MPD 4
MPD 1015 Lift
South East Pit Dump
Production (kt):
Ore: 364 Waste: 890 Total: 1,254
Projects:
Maintaining Roads
Maintaining Roads
Dewatering:
Dewatering 750 Bench
Snow Removal
Risks and Opportunities:
Maintain 3+ Ore Production Areas
Stockpile Performance
Red Dog
Teck
1 in = 600 ft
NAD_1927_StatePlane_Alaska_7_FIPS_5007
N
2015 Mine Plan (December)
Compiled by: HL
Date: Jan-2015

Appendix E: 2014 Red Dog Mine Disturbance Map


2014 Activity
Disturbed
Aqqaluk 8.9 Acres
West Access Road 8.0 Acres
Tailings Abutment 1.5 Acres
Total = 18.4 Acres
Approved By:
Checked By:
Drawn By: JFS
Designed By:
Engineering Review
Teck
Title:
Red Dog Mine
2014 Disturbance
FIG 1
MWO or Job No.
Date: 01/15
Scale: NTS
Rev.
Computer File No. Y:\Minetech\inter\MAPS\Land_Use\Drawings\disturbance\2014 Disturbance.dwg