SGW-45095 S
Revision 0

# Estimated Influent Concentrations of Constituents of Interest for Mass Balance for the 200 West Pump and Treat Facility

Prepared for the U.S. Department of Energy
Assistant Secretary for Environmental Management

Contractor for the U.S. Department of Energy
under Contract DE-AC06-08RL14788

CH2MHILL
Plateau Remediation Company

P.O. Box 1600
Richland, Washington 99352

Approved for Public Release;
Further Dissemination Unlimited

SGW-45095
Revision 0

EDC #: PRC-EDC-10-45212

# Estimated Influent Concentrations of Constituents of Interest for Mass Balance for the 200 West Pump and Treat Facility

Document Type: CN Program/Project: SGRP

Date Published
March 2010

Prepared for the U.S. Department of Energy
Assistant Secretary for Environmental Management

Contractor for the U.S. Department of Energy
under Contract DE-AC06-08RL14788

CH2MHILL
Plateau Remediation Company

**P.O. Box 1600**
**Richland, Washington**

MAR 1 6 2010
DATE:
STA:
ID:
27
#4

Release Approval 3/15/2010 Date Release Stamp

**Approved for Public Release;**
Further Dissemination Unlimited

**TRADEMARK DISCLAIMER**

Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise, does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof or its contractors or subcontractors.

This report has been reproduced from the best available copy.

Printed in the United States of America

Total Pages: 127

**CH2MHILL** **Calculation**

Project 200 West Area Pump and Treat

Client PRC Project No. 382519

| | |
|---|---|
| Calculation Title: | Estimated Influent Concentrations of Constituents of Interest for Mass Balance |
| Calculation Identifier: | 382519-CALC-033_Rev4 (02/04/2010) |

| Role | Printed Name | Signature | Date |
|---|---|---|---|
| Originator | Karen Meade | Karen Meade | 2/2/10 |
| | Jenny Eng | [illegible] | 2/2/10 |
| Checker | Ken Martins | [illegible] | 2/2/10 |
| Independent reviewer | Martin Muller | Martin E. Muller | 2/3/10 |
| Approval | Mike Keating | M Keating | 2/3/10 |
| | | | |

Comments:

Information Requiring Confirmation:

## Revision History

| Revision Number | Description | Effective Date |
|---|---|---|
| 0 | Original Issue of document. | 08/3/2009 |
| 1 | Revised detection limit values for americium-241, beryllium, lead, and vanadium based on information provided by CHPRC. Revised data used for beryllium, lead, and vanadium based on information provided by CHPRC. | 10/07/2009 |
| 2 | Revised detection limit value for protactinium-231 based on information provided by CHPRC. Revised calculation formulas for Cobalt-60, Cobalt, and 1,2-DCA. | 10/28/2009 |
| 3 | Replaced protactinium data with plutonium data for blending calculations for Contaminants of Interests. Raw data for plutonium was provided by CHPRC. Added the minimum regulatory limit for plutonium. | 01/22/2010 |
| 4 | Added units to Tables 3 through 14. | 02/04/2010 |

CH2MHILL
NUCLEAR BUSINESS GROUP CONTROLLED DOCUMENT
THE INFORMATION IN THIS DOCUMENT IS PROPRIETARY AND COMPANY CONFIDENTIAL.
PRINTED COPIES ARE UNCONTROLLED. ALWAYS REFER TO ELECTRONIC VERSION FOR THE LATEST REVISION.

CH2MHILL **Calculation**

| | | | |
|---|---|---|---|
| Project | 200 West Area Pump and Treat | | |
| Client | PRC | Project No. | 382519 |

| | |
|---|---|
| Calculation Title: | Estimated Influent Concentrations of Constituents of Interest for Mass Balance |
| Calculation Identifier: | 382519-CALC-033_Rev4 (02/04/2010) |

## 1. Subject and Objective

Estimate influent concentrations of constituents of interest (COIs) for the uranium ion exchange (IX) system, technetium-99 (Tc-99) IX system, and central treatment system. Most of these COIs are constituents not previously addressed in the COC and non-COC calculations (382519-CALC-020_Rev1 and 382519-CALC-021_Rev2). These estimates will be used in a mass balance to assess potential air emission, solid waste disposal, groundwater injection, and/or radiological control or nuclear safety concerns. These COIs are divided into three groups: other radionuclides, other metals, and other constituents. The other constituents group includes volatile organic compounds, semi-volatile organic compounds, and a few other analytes.

Estimate the effluent concentration of COIs for the central system assuming no treatment, for comparison to groundwater standards as a screening for constituents that may have regulatory issues for groundwater injection.

## 2. Methodology

Use data provided in 382519-TMEM-034_Rev1 and Table 16 to estimate the influent concentrations to the uranium IX, Tc-99 IX, and centralized systems. Develop a spreadsheet to estimate the influent concentrations based on the relevant extraction wells and flow rates for each scenario listed in Table 1. Scenario 1 includes all wells that feed to the central system but assumes no pretreatment from the uranium or Tc-99 IX systems. Therefore, Scenario 1 serves as the screening of constituents to groundwater standards assuming no treatment. Scenario 2 serves as the uranium IX system influent. Scenario 3 serves as the Tc-99 IX system influent excluding the flow from the extraction well to the uranium IX system. Scenario 4 serves as the central system influent excluding the flows from the extraction wells to the uranium and Tc-99 IX systems.

**TABLE 1**

Scenarios for COI Influent Estimate

| Scenario | Flow Rate | Extraction Areas |
|---|---|---|
| 1 – Central System Influent (assuming no pretreatment by uranium or Tc-99 IX systems) | 2500 gpm | UP-1, 200 West, SX-S, ZP-1 |
| 2 – Uranium IX System Influent | 50 gpm | UP-1 |
| 3 – Tc-99 IX System Influent (excluding uranium IX flow) | 623 gpm | 200 West, SX-S, ZP-1 |
| 4 – Central System Influent (excluding uranium and Tc-99 flows) | 1828 gpm | 200 West |

These four scenarios are evaluated for the three COI groups and are presented in Tables 3 through 14, as discussed in the results section.

## 3. Design Input

Refer to 382519-TMEM-034_Rev1 for a detailed description of the data inputs. Refer to Table 16 for data used for beryllium, lead, and vanadium. Briefly, the maximum detected constituent concentration found within the capture zone of each extraction well is used in the evaluation. The Hanford Environmental Information System (HEIS) database was queried for the list of constituents presented in Attachment A. The query was limited to sample collection dates for the period from 2004 to 2009. The maximum measured constituent concentration for each well was selected for the evaluation. If the constituent was not detected in a groundwater sample, half the detection limit of the constituent was used; this is a standard practice for estimating influent concentrations. For wells in which there was no data available for a specific constituent, half the estimated detection limit or half the contract required detection limit (CRDL) listed in Table 2 was used. The estimated detection limit is the highest non-detect value for that constituent observed in the database. If there were no non-detect data in the database then half the CRDL is used. In cases where there were more than one CRDL, the highest CRDL value is used. In some cases, the estimated detection limit is greater than the CRDL.

The effluent concentration of COIs for the central system assuming no treatment is compared to groundwater standards provide in 382519-TMEM-038_Rev0, as a screening

for constituents that may have regulatory issues for groundwater injection. These groundwater standards include Federal Maximum Contaminant Levels (MCLs) and secondary MCLs (SMCLs), State of Washington MCLs and SMCLs, water quality standards for ground water for the Sate of Washington (primary, secondary, and carcinogen standards), and Model Toxic Control Act (MTCA) standards.

## 4. Assumptions

Refer to 382519-TMEM-034_Rev1 for detailed assumptions. Briefly, the maximum detected constituent concentration found within the capture zone of each extraction well was used in the evaluation. No attempt was made to compare the aquifer elevation range sampled by each monitor well against the applicable elevation range in the 200 West groundwater flow model. This is a conservative and efficient method for screening the remaining constituents and estimating the extraction well concentrations needed to calculate the treatment plant influent concentrations.

For Scenario 1, no adjustment was made to the data for the Central Treatment System based on pretreatment by the uranium IX and Tc-99 IX systems.

## 5. References

382519-TMEM-034_Rev1, Supplemental Groundwater Contaminant Evaluation for the 200 West Area

382519-TMEM-038_Rev0, 200 West Area P&T Regulatory Comparison Table

Calculation 382519-CALC-020_Rev1 – Non-COC Influent Concentrations

Calculation 382519-CALC-021_Rev2 – COC Influent Concentrations

Hanford Environmental Information System (HEIS) database

Safe Drinking Water Act of 1974 (SDWA) (42 U.S.C. 300(f) et seq.)," 40 CFR 141 National Primary and Secondary Drinking Water Standards," "Maximum Contaminant Levels / Nonzero Maximum Contaminant Level Goals"

Washington Department of Health, Water Systems (Title 246 WAC, Chapter 290-210) Maximum Contaminant Levels (MCLs) and Maximum Residual Disinfectants

Model Toxics Control Act (MTCA) (Chapter 70.105D RCW), "MTCA Cleanup Regulation," WAC 173 340

Chapter 173-200 Water Quality Standards for Ground Waters of the State of Washington

## 6. Results

The estimated concentrations for COIs are provided in the following tables:

Table 3 – Other Radionuclides for Scenario 1, Centralized System Influent (Assumes No Treatment from Uranium and Tc-99 IX Systems)

Table 4 – Other Radionuclides for Scenario 2, Uranium IX System Influent

Table 5 – Other Radionuclides for Scenario 3, Tc-99 IX System Influent (Excludes Treated Flow from Uranium IX System)

Table 6 – Other Radionuclides for Scenario 4, Centralized System Influent (Excludes Treated Flow from Uranium and Tc-99 IX Systems)

Table 7 – Other Metals for Scenario 1, Centralized System Influent (Assumes No Treatment from Uranium and Tc-99 IX Systems)

Table 8 – Other Metals for Scenario 2, Uranium IX System Influent

Table 9 – Other Metals for Scenario 3, Tc-99 IX System Influent (Excludes Treated Flow from Uranium IX System)

Table 10 – Other Metals for Scenario 4, Centralized System Influent (Excludes Treated Flow from Uranium and Tc-99 IX Systems)

Table 11 – Other Constituents for Scenario 1, Centralized System Influent (Assumes No Treatment from Uranium and Tc-99 IX Systems)

Table 12 – Other Constituents for Scenario 2, Uranium IX System Influent

Table 13 – Other Constituents for Scenario 3, Tc-99 IX System Influent (Excludes Treated Flow from Uranium IX System)

Table 14 – Other Constituents for Scenario 4, Centralized System (Excludes Treated Flow from Uranium and Tc-99 IX Systems)

The results from the Scenario 1 estimates were compared to the groundwater standards listed in Table 15. These are groundwater standards identified as having potential regulatory issues for groundwater injection (note that preliminary remediation goals are excluded from the groundwater standards). Based on the Scenario 1 results (Tables 3, 7, and 11), 12 COIs exceeded at least one of groundwater standards and may need to be considered for the mass balance calculations. However, some of these constituents

exceed a groundwater standard because half the value of the detection limit used for multiple missing data points is greater than the groundwater standard. This is the case for 8 of the 12 constituents listed below: 1,1,2,2-tetrachloroethane; 1,2-dibromoethane; 1,2-dichloroethane; 1,4-dioxane; bromodichloromethane; dibenz[a,h]anthracene; dibromochloromethane; and vinyl chloride. The remaining four constituents are chromium (total), fluoride, manganese, and benzene.

- Other Metals – Chromium, Fluoride, and Manganese
- Other Constituents – 1,1,2,2-Tetrachloroethane; 1,2-Dibromoethane; 1,2-Dichloroethane; 1,4-Dioxane; Benzene; Bromodichloromethane; Dibenz[a,h]anthracene; Dibromochloromethane; and Vinyl Chloride

The results from the Scenario 2 estimates were compared to the groundwater standards listed in Table 15. These are groundwater standards identified as having potential regulatory issues for groundwater injection (note that preliminary remediation goals are excluded from the groundwater standards). Based on the Scenario 2 results (Tables 4, 8, and 12), 12 COIs exceeded at least one of groundwater standards and may need to be considered for the mass balance calculations. However, some of these constituents exceed a groundwater standard because half the value of the detection limit used for multiple missing data points is greater than the groundwater standard. This is the case for 8 of the 12 constituents listed below: 1,1,2,2-tetrachloroethane; 1,2-dibromoethane; 1,2-dichloroethane; 1,4-dioxane; bromodichloromethane; dibenz[a,h]anthracene; dibromochloromethane; and vinyl chloride. The remaining four constituents are chromium (total), lead, manganese, and benzene.

- Other Metals – Chromium, Lead, and Manganese
- Other Constituents – 1,1,2,2-Tetrachloroethane; 1,2-Dibromoethane; 1,2-Dichloroethane; 1,4-Dioxane; Benzene; Bromodichloromethane; Dibenz[a,h]anthracene; Dibromochloromethane; and Vinyl Chloride

The results from the Scenario 3 estimates were compared to the groundwater standards listed in Table 15. These are groundwater standards identified as having potential regulatory issues for groundwater injection (note that preliminary remediation goals are excluded from the groundwater standards). Based on the Scenario 3 results (Tables 5, 9, and 13), 13 COIs exceeded at least one of groundwater standards and may need to be considered for the mass balance calculations. However, some of these constituents exceed a groundwater standard because half the value of the detection limit used for multiple missing data points is greater than the groundwater standard. This is the case for 8 of the 13 constituents listed below: 1,1,2,2-tetrachloroethane; 1,2-dibromoethane;

1,2-dichloroethane; 1,4-dioxane; bromodichloromethane; dibenz[a,h]anthracene; dibromochloromethane; and vinyl chloride. The remaining five constituents are strontium-90, chromium (total), fluoride, manganese, and benzene.

- Other Radionuclides – Strontium-90
- Other Metals – Chromium, Fluoride, and Manganese
- Other Constituents – 1,1,2,2-Tetrachloroethane; 1,2-Dibromoethane; 1,2-Dichloroethane; 1,4-Dioxane; Benzene; Bromodichloromethane; Dibenz[a,h]anthracene; Dibromochloromethane; and Vinyl Chloride

The results from the Scenario 4 estimates were compared to the groundwater standards listed in Table 15. These are groundwater standards identified as having potential regulatory issues for groundwater injection (note that preliminary remediation goals are excluded from the groundwater standards). Based on the Scenario 4 results (Tables 6, 10, and 14), 11 COIs exceeded at least one of groundwater standards and may need to be considered for the mass balance calculations. However, some of these constituents exceed a groundwater standard because half the value of the detection limit used for multiple missing data points is greater than the groundwater standard. This is the case for 8 of the 11 constituents listed below: 1,1,2,2-tetrachloroethane; 1,2-dibromoethane; 1,2-dichloroethane; 1,4-dioxane; bromodichloromethane; dibenz[a,h]anthracene; dibromochloromethane; and vinyl chloride. The remaining four constituents are chromium (total), manganese, and benzene.

- Other Metals – Chromium and Manganese
- Other Constituents – 1,1,2,2-Tetrachloroethane; 1,2-Dibromoethane; 1,2-Dichloroethane; 1,4-Dioxane; Benzene; Bromodichloromethane; Dibenz[a,h]anthracene; Dibromochloromethane; and Vinyl Chloride

## 7. Calculations

Calculations are shown in Attachment B. The analyte concentration was multiplied by the extraction area flow rate and sum of these products was divided by the total flow rate. The same formula was used for all analytes. The formula for americium-241 is provided in Attachment B as an example calculation.

## 8. List of Attachments

Attachment A – Raw Data for COIs

Attachment B – Calculation Documentation

CH2MHILL **Calculation**

| | | | |
|---|---|---|---|
| Project | 200 West Area Pump and Treat | | |
| Client | PRC | Project No. | 382519 |

| | |
|---|---|
| Calculation Title: | Estimated Influent Concentrations of Constituents of Interest for Mass Balance |
| Calculation Identifier: | 382519-CALC-033_Rev4 (02/04/2010) |

## 9. Computer Program Information (if a computer calculation):

- **Program Name**: Microsoft Excel® 2003
- **Program Revision**: NA
- **Computer Type and Description *(hardware)*:** Dell Latitude D630, 777 MHz, 2.00 GB of RAM; Microsoft® Windows XP, Professional Version 2002, Service Pack 2
- **Basis supporting application of program to specific problem:** Excel spreadsheet used to calculate the COIs.
- **Input Data Source**: Hanford Environmental Information System (HEIS) database, 382519-TMEM-034_Rev1, and Table 16
- **Input Data:** Data inputs are shown in Attachment A.
- **Outputs / Printouts:** Excel outputs are shown in Attachment B.
- **Remarks**: NA
- **Computer Program Validated:** Yes
- **Specific validation reference:** NBG-QA-03-01 - Commercially available spreadsheet software package.

CH2MHILL
NUCLEAR BUSINESS GROUP CONTROLLED DOCUMENT
THE INFORMATION IN THIS DOCUMENT IS PROPRIETARY AND COMPANY CONFIDENTIAL.
PRINTED COPIES ARE UNCONTROLLED. ALWAYS REFER TO ELECTRONIC VERSION FOR THE LATEST REVISION.

**Table 2**
**Detection Limits**
***Hanford 200 West Pump and Treat***

| Analyte | CRDL | Estimated Detection Limit[a] | Units |
|---|---|---|---|
| ***Other Radionuclides*** | | | |
| Americium-241 | 1 | -- | pCi/L |
| Carbon-14 | 200 | 59.2 | pCi/L |
| Cesium-137 | 15 | 16.3 | pCi/L |
| Cobalt-60 | 25 | 31.6 | pCi/L |
| Neptunium-237 | 1 | 0.274 | pCi/L |
| Nickel-63 | 15 | -- | pCi/L |
| Plutonium-239/240 | 1 | -- | pCi/L |
| Selenium-79 | 30 | 37.2 | pCi/L |
| Strontium-90 | 2 | 0.583 | pCi/L |
| ***Other Metals*** | | | |
| Beryllium | 5 | 2.3 | µg/L |
| Cadmium | 5 | 17.7 | µg/L |
| Total Chromium | 10 | 13 | µg/L |
| Cobalt | 20 | 4.8 | µg/L |
| Fluoride | 500 | 2500 | µg/L |
| Lead | 50 | 1.6 | µg/L |
| Manganese | 5 | -- | µg/L |
| Vanadium | 25 | 9.2 | µg/L |
| ***Other Contaminants*** | | | |
| 1,1,1-Trichloroethane | 5 | 5 | µg/L |
| 1,1,2,2-Tetrachloroethane | 5 | 5 | µg/L |
| 1,2-Dibromoethane | 5 | 0.7 | µg/L |
| 1,2-Dichloroethane | 5 | 5 | µg/L |
| 1,4-Dioxane | 500 | 45 | µg/L |
| 2-Naphthylamine | 25 | 1 | µg/L |
| Acetone | 20 | 100 | µg/L |
| Ammonium ion | 50 | -- | µg/L |
| Benzene | 5 | 20 | µg/L |
| Bromodichloromethane | 5 | 5 | µg/L |
| Chloroform | 5 | -- | µg/L |
| Dibenz[a,h]anthracene | 10 | 10 | µg/L |
| Dibromochloromethane | 5 | 5 | µg/L |
| Methylene Chloride | 5 | 1 | µg/L |
| Trichloroethylene | 5 | 50 | µg/L |
| Vinyl Chloride | 10 | 10 | µg/L |

Notes:
CRDL = Contract Required Detection Limit
[a] = Estimated from reported detection limits in database query; the highest nondetect value is used
-- = No data with nondetect values in the database query

**Table 3**
**Other Radionuclides - Scenario 1**
***Hanford 200 West Pump and Treat***

**Case: Phase II - Centralized Treatment System Influent (Assumes No Treatment from Uranium or Tc-99 IX Systems)**

| | Americium-241 | Carbon-14 | Cesium-137 | Cobalt-60 | Neptunium-237 | Nickel-63 | Plutonium-239/240 | Selenium-79 | Strontium-90 |
|---|---|---|---|---|---|---|---|---|---|
| Minimum Regulatory Limit (refer to Table 15) | 15 | 2000 | 200 | 100 | No Standard | No Standard | 15 | No Standard | 8 |
| Peak | 0.69 | 24.80 | 5.66 | 17.29 | 0.09 | 43.07 | 0.68 | 312.60 | 6.19 |
| Units | pCi/L | pCi/L | pCi/L | pCi/L | pCi/L | pCi/L | pCi/L | pCi/L | pCi/L |
| | 0.69 | 24.80 | 5.66 | 17.29 | 0.09 | 43.07 | 0.68 | 312.60 | 6.19 |

| Well | Flow (gpm) |
|---|---|
| EW-01 | 107.5 |
| EW-02 | 107.5 |
| EW-03 | 107.5 |
| EW-04 | 107.5 |
| EW-05 | 107.5 |
| EW-06 | 107.5 |
| EW-07 | 107.5 |
| EW-08 | 107.5 |
| EW-09 | 107.5 |
| EW-10 | 107.5 |
| EW-11 | 107.5 |
| EW-12 | 107.5 |
| EW-13 | 107.5 |
| EW-14 | 107.5 |
| EW-15 | 107.5 |
| EW-16 | 107.5 |
| EW-17 | 107.5 |
| EW-18 | 107.5 |
| EW-19 | 107.5 |
| EW-20 | 107.5 |
| | |
| UP-1 | 50 |
| | |
| SX-S | 250 |
| | |
| ZP-1 | 50 |
| Total Flow | 2500 |

**Table 4**
**Other Radionuclides - Scenario 2**
***Hanford 200 West Pump and Treat***

**Case: Phase II - Uranium IX System Influent**

| | Americium-241 | Carbon-14 | Cesium-137 | Cobalt-60 | Neptunium-237 | Nickel-63 | Plutonium-239/240 | Selenium-79 | Strontium-90 |
|---|---|---|---|---|---|---|---|---|---|
| Minimum Regulatory Limit (refer to Table 15) | 15 | 2000 | 200 | 100 | No MCL | No MCL | 15 | No MCL | 8 |
| Peak | 0.50 | 22.45 | 3.93 | 2.21 | 0.14 | 7.50 | 0.50 | 60.90 | 3.50 |
| Units | pCi/L | pCi/L | pCi/L | pCi/L | pCi/L | pCi/L | pCi/L | pCi/L | pCi/L |

| Well | Flow (gpm) |
|---|---|
| EW-01 | 0 |
| EW-02 | 0 |
| EW-03 | 0 |
| EW-04 | 0 |
| EW-05 | 0 |
| EW-06 | 0 |
| EW-07 | 0 |
| EW-08 | 0 |
| EW-09 | 0 |
| EW-10 | 0 |
| EW-11 | 0 |
| EW-12 | 0 |
| EW-13 | 0 |
| EW-14 | 0 |
| EW-15 | 0 |
| EW-16 | 0 |
| EW-17 | 0 |
| EW-18 | 0 |
| EW-19 | 0 |
| EW-20 | 0 |
| UP-1 | 50 |
| SX-S | 0 |
| ZP-1 | 0 |
| Total Flow | 50 |

**Table 5**
**Other Radionuclides - Scenario 3**
***Hanford 200 West Pump and Treat***

**Case: Phase II - Tc-99 IX System Influent (Excludes Treated Flow from Uranium IX System)**

| | Americium-241 | Carbon-14 | Cesium-137 | Cobalt-60 | Neptunium-237 | Nickel-63 | Plutonium-239/240 | Selenium-79 | Strontium-90 |
|---|---|---|---|---|---|---|---|---|---|
| Minimum Regulatory Limit (refer to Table 15) | 15 | 2000 | 200 | 100 | No MCL | No MCL | 15 | No MCL | 8 |
| Peak | 0.50 | 13.44 | 5.28 | 16.74 | 0.08 | 7.25 | 0.50 | 841.96 | 13.17 |
| Units | pCi/L | pCi/L | pCi/L | pCi/L | pCi/L | pCi/L | pCi/L | pCi/L | pCi/L |

| Well | Flow (gpm) |
|---|---|
| EW-01 | 0 |
| EW-02 | 0 |
| EW-03 | 0 |
| EW-04 | 0 |
| EW-05 | 0 |
| EW-06 | 107.5 |
| EW-07 | 107.5 |
| EW-08 | 0 |
| EW-09 | 0 |
| EW-10 | 0 |
| EW-11 | 0 |
| EW-12 | 0 |
| EW-13 | 107.5 |
| EW-14 | 0 |
| EW-15 | 0 |
| EW-16 | 0 |
| EW-17 | 0 |
| EW-18 | 0 |
| EW-19 | 0 |
| EW-20 | 0 |
| UP-1 | 0 |
| SX-S | 250 |
| ZP-1 | 50 |
| Total Flow | 623 |

Highlighted cells exceed the listed groundwater standard, refer to Table 15.

**Table 6**
**Other Radionuclides - Scenario 4**
*Hanford 200 West Pump and Treat*

**Case: Phase II - Centralized Treatment System Influent (Excludes Treated Flow from Uranium and Tc-99 IX Systems)**

| | Americium-241 | Carbon-14 | Cesium-137 | Cobalt-60 | Neptunium-237 | Nickel-63 | Plutonium-239/240 | Selenium-79 | Strontium-90 |
|---|---|---|---|---|---|---|---|---|---|
| Minimum Regulatory Limit (refer to Table 15) | 15 | 2000 | 200 | 100 | No MCL | No MCL | 15 | No MCL | 8 |
| Peak | 0.76 | 28.74 | 5.84 | 17.88 | 0.10 | 56.25 | 0.74 | 139.17 | 3.88 |
| Units | pCi/L | pCi/L | pCi/L | pCi/L | pCi/L | pCi/L | pCi/L | pCi/L | pCi/L |

| Well | Flow (gpm) |
|---|---|
| EW-01 | 107.5 |
| EW-02 | 107.5 |
| EW-03 | 107.5 |
| EW-04 | 107.5 |
| EW-05 | 107.5 |
| EW-06 | 0 |
| EW-07 | 0 |
| EW-08 | 107.5 |
| EW-09 | 107.5 |
| EW-10 | 107.5 |
| EW-11 | 107.5 |
| EW-12 | 107.5 |
| EW-13 | 0 |
| EW-14 | 107.5 |
| EW-15 | 107.5 |
| EW-16 | 107.5 |
| EW-17 | 107.5 |
| EW-18 | 107.5 |
| EW-19 | 107.5 |
| EW-20 | 107.5 |
| UP-1 | 0 |
| SX-S | 0 |
| ZP-1 | 0 |
| Total Flow | 1828 |

**Table 7**
**Other Metals - Scenario 1**
***Hanford 200 West Pump and Treat***

**Case: Phase II - Centralized Treatment System Influent (Assumes No Treatment from Uranium or Tc-99 IX Systems)**

| | Beryllium | Cadmium | Chromium | Cobalt | Fluoride | Lead | Manganese | Vanadium |
|---|---|---|---|---|---|---|---|---|
| Minimum Regulatory Limit (refer to Table 15) | 4 | 5 | 100 | 320 | 960 | 15 | 50 | 112 |
| Peak | 0.97 | 4.05 | 424.93 | 12.82 | 1562.01 | 2.78 | 346.67 | 38.31 |
| Units | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L |

| Well | Flow (gpm) |
|---|---|
| EW-01 | 107.5 |
| EW-02 | 107.5 |
| EW-03 | 107.5 |
| EW-04 | 107.5 |
| EW-05 | 107.5 |
| EW-06 | 107.5 |
| EW-07 | 107.5 |
| EW-08 | 107.5 |
| EW-09 | 107.5 |
| EW-10 | 107.5 |
| EW-11 | 107.5 |
| EW-12 | 107.5 |
| EW-13 | 107.5 |
| EW-14 | 107.5 |
| EW-15 | 107.5 |
| EW-16 | 107.5 |
| EW-17 | 107.5 |
| EW-18 | 107.5 |
| EW-19 | 107.5 |
| EW-20 | 107.5 |
| | |
| UP-1 | 50 |
| | |
| SX-S | 250 |
| | |
| ZP-1 | 50 |
| Total Flow | 2500 |

Highlighted cells exceed the listed groundwater standard, refer to Table 15.

**Table 8**
**Other Metals - Scenario 2**
***Hanford 200 West Pump and Treat***

**Case: Phase II - Uranium IX System Influent**

| | Beryllium | Cadmium | Chromium | Cobalt | Fluoride | Lead | Manganese | Vanadium |
|---|---|---|---|---|---|---|---|---|
| Minimum Regulatory Limit (refer to Table 15) | 4 | 5 | 100 | 320 | 960 | 15 | 50 | 112 |
| Peak | 1.80 | 3.55 | 558.00 | 10.60 | 600.00 | 37.70 | 725.00 | 44.80 |
| Units | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L |
| Highlighted cells exceed the listed groundwater standard, refer to Table 15. | | | | | | | | |

| Well | Flow (gpm) |
|---|---|
| EW-01 | 0 |
| EW-02 | 0 |
| EW-03 | 0 |
| EW-04 | 0 |
| EW-05 | 0 |
| EW-06 | 0 |
| EW-07 | 0 |
| EW-08 | 0 |
| EW-09 | 0 |
| EW-10 | 0 |
| EW-11 | 0 |
| EW-12 | 0 |
| EW-13 | 0 |
| EW-14 | 0 |
| EW-15 | 0 |
| EW-16 | 0 |
| EW-17 | 0 |
| EW-18 | 0 |
| EW-19 | 0 |
| EW-20 | 0 |
| | |
| UP-1 | 50 |
| | |
| SX-S | 0 |
| | |
| ZP-1 | 0 |
| Total Flow | 50 |

**Table 9**
**Other Metals - Scenario 3**
***Hanford 200 West Pump and Treat***

**Case: Phase II - Tc-99 IX System Influent (Excludes Treated Flow from Uranium IX System)**

| | Beryllium | Cadmium | Chromium | Cobalt | Fluoride | Lead | Manganese | Vanadium |
|---|---|---|---|---|---|---|---|---|
| Minimum Regulatory Limit (refer to Table 15) | 4 | 5 | 100 | 320 | 960 | 15 | 50 | 112 |
| Peak | 1.21 | 4.83 | 983.71 | 15.33 | 4270.44 | 0.80 | 319.55 | 52.65 |
| Units | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L |

| Well | Flow (gpm) |
|---|---|
| EW-01 | 0 |
| EW-02 | 0 |
| EW-03 | 0 |
| EW-04 | 0 |
| EW-05 | 0 |
| EW-06 | 107.5 |
| EW-07 | 107.5 |
| EW-08 | 0 |
| EW-09 | 0 |
| EW-10 | 0 |
| EW-11 | 0 |
| EW-12 | 0 |
| EW-13 | 107.5 |
| EW-14 | 0 |
| EW-15 | 0 |
| EW-16 | 0 |
| EW-17 | 0 |
| EW-18 | 0 |
| EW-19 | 0 |
| EW-20 | 0 |
| | |
| UP-1 | 0 |
| | |
| SX-S | 250 |
| | |
| ZP-1 | 50 |
| Total Flow | 623 |

Highlighted cells exceed the listed groundwater standard, refer to Table 15.

**Table 10**
**Other Metals - Scenario 4**
***Hanford 200 West Pump and Treat***

**Case: Phase II - Centralized Treatment System Influent (Excludes Treated Flow from Uranium IX and Tc-99 IX Systems)**

| | Beryllium | Cadmium | Chromium | Cobalt | Fluoride | Lead | Manganese | Vanadium |
|---|---|---|---|---|---|---|---|---|
| Minimum Regulatory Limit (refer to Table 15) | 4 | 5 | 100 | 320 | 960 | 15 | 50 | 112 |
| Peak | 0.87 | 3.79 | 230.95 | 12.03 | 665.76 | 2.51 | 345.55 | 33.25 |
| Units | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L |

| Well | Flow (gpm) |
|---|---|
| EW-01 | 107.5 |
| EW-02 | 107.5 |
| EW-03 | 107.5 |
| EW-04 | 107.5 |
| EW-05 | 107.5 |
| EW-06 | 0 |
| EW-07 | 0 |
| EW-08 | 107.5 |
| EW-09 | 107.5 |
| EW-10 | 107.5 |
| EW-11 | 107.5 |
| EW-12 | 107.5 |
| EW-13 | 0 |
| EW-14 | 107.5 |
| EW-15 | 107.5 |
| EW-16 | 107.5 |
| EW-17 | 107.5 |
| EW-18 | 107.5 |
| EW-19 | 107.5 |
| EW-20 | 107.5 |
| UP-1 | 0 |
| SX-S | 0 |
| ZP-1 | 0 |
| Total Flow | 1828 |

Highlighted cells exceed the listed groundwater standard, refer to Table 15.

Table 11
*Other Constituents - Scenario 1*
*Hanford 200 West Pump and Treat*

**Case: Phase II - Centralized Treatment System Influent (Assumes No Treatment from Uranium or Tc-99 IX Systems)**

| | 1,1,1-TCA | 1,1,2,2-TCA | 1,2-DBA | 1,2-DCA | 1,4-Dioxane | 2-Napthylamine | Acetone | Ammonium | Benzene | BDCMethane | Dibenz-ah-anthracene | DBCMethane | VinylChloride |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Minimum Regulatory Limit (refer to Table 15) | 200 | 0.219 | 0.044 | 0.481 | 3.98 | No Standard | 7250 | No Standard | 0.795 | 0.3 | 0.12 | 0.521 | 0.02 |
| Peak | 0.89 | 1.21 | 0.32 | 0.94 | 15.40 | 0.72 | 37.13 | 400.53 | 3.24 | 1.39 | 3.65 | 1.20 | 1.26 |
| Units | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L |

| Well | Flow (gpm) |
|---|---|
| EW-01 | 107.5 |
| EW-02 | 107.5 |
| EW-03 | 107.5 |
| EW-04 | 107.5 |
| EW-05 | 107.5 |
| EW-06 | 107.5 |
| EW-07 | 107.5 |
| EW-08 | 107.5 |
| EW-09 | 107.5 |
| EW-10 | 107.5 |
| EW-11 | 107.5 |
| EW-12 | 107.5 |
| EW-13 | 107.5 |
| EW-14 | 107.5 |
| EW-15 | 107.5 |
| EW-16 | 107.5 |
| EW-17 | 107.5 |
| EW-18 | 107.5 |
| EW-19 | 107.5 |
| EW-20 | 107.5 |
| | |
| UP-1 | 50 |
| | |
| SX-S | 250 |
| | |
| ZP-1 | 50 |
| Total Flow | 2500 |

Highlighted cells exceed the listed groundwater standard, refer to Table 15.

**Table 12**
***Other Constituents - Scenario 2***
***Hanford 200 West Pump and Treat***

**Case: Phase II - Uranium IX System Influent**

| | 1,1,1-TCA | 1,1,2,2-TCA | 1,2-DBA | 1,2-DCA | 1,4-Dioxane | 2-Napthylamine | Acetone | Ammonium | Benzene | BDCMethane | Dibenz-ah-anthracene | DBCMethane | VinylChloride |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Minimum Regulatory Limit (refer to Table 15) | 200 | 0.219 | 0.044 | 0.481 | 3.98 | No Standard | 7250 | No Standard | 0.795 | 0.3 | 0.12 | 0.521 | 0.02 |
| Peak | 2.50 | 2.50 | 0.28 | 2.50 | 120.00 | 0.50 | 67.00 | 41.20 | 2.60 | 2.50 | 1.50 | 2.50 | 5.00 |
| Units | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L |

| Well | Flow (gpm) |
|---|---|
| EW-01 | 0 |
| EW-02 | 0 |
| EW-03 | 0 |
| EW-04 | 0 |
| EW-05 | 0 |
| EW-06 | 0 |
| EW-07 | 0 |
| EW-08 | 0 |
| EW-09 | 0 |
| EW-10 | 0 |
| EW-11 | 0 |
| EW-12 | 0 |
| EW-13 | 0 |
| EW-14 | 0 |
| EW-15 | 0 |
| EW-16 | 0 |
| EW-17 | 0 |
| EW-18 | 0 |
| EW-19 | 0 |
| EW-20 | 0 |
| UP-1 | 50 |
| SX-S | 0 |
| ZP-1 | 0 |
| Total Flow | 50 |

| 1,1,1-TCA | 1,1,2,2-TCA | 1,2-DBA | 1,2-DCA | 1,4-Dioxane | 2-Napthylamine | Acetone | Ammonium | Benzene | BDCMethane | Dibenz-ah-anthracene | DBCMethane | VinylChloride |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.50 | 2.50 | 0.28 | 2.50 | 120.00 | 0.50 | 67.00 | 41.20 | 2.60 | 2.50 | 1.50 | 2.50 | 5.00 |

Highlighted cells exceed the listed groundwater standard, refer to Table 15.

Table 13

*Other Constituents - Scenario 3*

*Hanford 200 West Pump and Treat*

**Case: Phase II - Tc-99 IX Plant Influent (Excludes Treated Flow from Uranium IX System)**

| | 1,1,1-TCA | 1,1,2,2-TCA | 1,2-DBA | 1,2-DCA | 1,4-Dioxane | 2-Napthylamine | Acetone | Ammonium | Benzene | BDCMethane | Dibenz-ah-anthracene | DBCMethane | VinylChloride |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Minimum Regulatory Limit (refer to Table 15) | 200 | 0.219 | 0.044 | 0.481 | 3.98 | No Standard | 7250 | No Standard | 0.795 | 0.3 | 0.12 | 0.521 | 0.02 |
| Peak | 0.85 | 0.85 | 0.22 | 0.85 | 12.63 | 0.50 | 33.84 | 23.42 | 1.01 | 0.85 | 4.22 | 0.85 | 1.28 |
| Units | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L |

| Well | Flow (gpm) |
|---|---|
| EW-01 | 0 |
| EW-02 | 0 |
| EW-03 | 0 |
| EW-04 | 0 |
| EW-05 | 0 |
| EW-06 | 107.5 |
| EW-07 | 107.5 |
| EW-08 | 0 |
| EW-09 | 0 |
| EW-10 | 0 |
| EW-11 | 0 |
| EW-12 | 0 |
| EW-13 | 107.5 |
| EW-14 | 0 |
| EW-15 | 0 |
| EW-16 | 0 |
| EW-17 | 0 |
| EW-18 | 0 |
| EW-19 | 0 |
| EW-20 | 0 |
| UP-1 | 0 |
| SX-S | 250 |
| ZP-1 | 50 |
| Total Flow | 623 |

Highlighted cells exceed the listed groundwater standard, refer to Table 15.

**Table 14**
***Other Constituents - Scenario 4***
***Hanford 200 West Pump and Treat***

**Case: Phase II - Centralized Treatment System Influent (Excludes Treated Flow from Uranium and Tc-99 IX Systems)**

| | 1,1,1-TCA | 1,1,2,2-TCA | 1,2-DBA | 1,2-DCA | 1,4-Dioxane | 2-Napthylamine | Acetone | Ammonium | Benzene | BDCMethane | Dibenz-ah-anthracene | DBCMethane | VinylChloride |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Minimum Regulatory Limit (refer to Table 15) | 200 | 0.219 | 0.044 | 0.481 | 3.98 | No Standard | 7250 | No Standard | 0.795 | 0.3 | 0.12 | 0.521 | 0.02 |
| Peak | 0.87 | 1.30 | 0.35 | 0.93 | 13.49 | 0.79 | 37.44 | 538.82 | 4.01 | 1.54 | 3.52 | 1.29 | 1.15 |
| Units | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L |
| 1,1,1-TCA | 0.87 | | | | | | | | | | | | |
| 1,1,2,2-TCA | | 1.30 | | | | | | | | | | | |
| 1,2-DBA | | | 0.35 | | | | | | | | | | |
| 1,2-DCA | | | | 0.93 | | | | | | | | | |
| 1,4-Dioxane | | | | | 13.49 | | | | | | | | |
| 2-Napthylamine | | | | | | 0.79 | | | | | | | |
| Acetone | | | | | | | 37.44 | | | | | | |
| Ammonium | | | | | | | | 538.82 | | | | | |
| Benzene | | | | | | | | | 4.01 | | | | |
| BDCMethane | | | | | | | | | | 1.54 | | | |
| Dibenz-ah-anthracene | | | | | | | | | | | 3.52 | | |
| DBCMethane | | | | | | | | | | | | 1.29 | |
| VinylChloride | | | | | | | | | | | | | 1.15 |

Highlighted cells exceed the listed groundwater standard, refer to Table 15.

| Well | Flow (gpm) |
|---|---|
| EW-01 | 107.5 |
| EW-02 | 107.5 |
| EW-03 | 107.5 |
| EW-04 | 107.5 |
| EW-05 | 107.5 |
| EW-06 | 0 |
| EW-07 | 0 |
| EW-08 | 107.5 |
| EW-09 | 107.5 |
| EW-10 | 107.5 |
| EW-11 | 107.5 |
| EW-12 | 107.5 |
| EW-13 | 0 |
| EW-14 | 107.5 |
| EW-15 | 107.5 |
| EW-16 | 107.5 |
| EW-17 | 107.5 |
| EW-18 | 107.5 |
| EW-19 | 107.5 |
| EW-20 | 107.5 |
| UP-1 | 0 |
| SX-S | 0 |
| ZP-1 | 0 |
| Total Flow | 1828 |

**Table 15**
**Groundwater Standards**
***Hanford 200 West Pump and Treat***

| Constituent | Units | Federal MCLs[a] | Federal MCLGs[a] | Federal SMCLs[a] | State MCL[b] | State SMCL[b] | MTCA Method B[c] | State GWP Primary[d] | State GWP Carcinogen[d] | State GWP Secondary[d] |
|---|---|---|---|---|---|---|---|---|---|---|
| ***Other Radionuclides*** | | | | | | | | | | |
| Americium-241 | pCi/L | -- | -- | -- | 15 | -- | -- | -- | -- | -- |
| Carbon-14 | pCi/L | 2000 | -- | -- | 2000 | -- | -- | -- | -- | -- |
| Cesium-137 | pCi/L | 200 | -- | -- | 200 | -- | -- | -- | -- | -- |
| Cobalt-60 | pCi/L | 100 | -- | -- | 100 | -- | -- | -- | -- | -- |
| Neptunium-237 | pCi/L | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Nickel-63 | pCi/L | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Plutonium-239/240 | pCi/L | 15 [e] | -- | -- | -- | -- | -- | -- | -- | -- |
| Selenium-79 | pCi/L | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Strontium-90 | pCi/L | 8 | 8 | -- | 8 | -- | -- | 8 | -- | -- |
| ***Other Metals*** | | | | | | | | | | |
| Beryllium | ug/L | 4 | 4 | -- | 4 | -- | 32 | -- | -- | -- |
| Cadmium | ug/L | 5 | 5 | -- | 5 | -- | 8 | 10 | -- | -- |
| Chromium (total) | ug/L | 100 | 100 | -- | 100 | -- | 24000 | 50 | -- | -- |
| Cobalt | ug/L | -- | -- | -- | -- | -- | 320 | -- | -- | -- |
| Fluoride | ug/L | 2000 | 2000 | 2000 | 4000 | 2000 | 960 | 4000 | -- | -- |
| Lead | ug/L | 15 | -- | -- | 15 | -- | -- | 50 | -- | -- |
| Manganese | ug/L | -- | -- | 50 | -- | 50 | 752 | -- | -- | 50 |
| Vanadium | ug/L | -- | -- | -- | -- | -- | 112 | -- | -- | -- |
| ***Other Constituents*** | | | | | | | | | | |
| 1,1,1-Trichloroethane | ug/L | 200 | 200 | -- | 200 | -- | 7200/16000* | 200 | -- | -- |
| 1,1,2,2-Tetrachloroethane | ug/L | -- | -- | -- | -- | -- | 0.21875 | -- | -- | -- |
| 1,2-Dibromoethane | ug/L | -- | -- | -- | -- | -- | 0.0438 | -- | -- | -- |
| 1,2-Dichloroethane | ug/L | 5 | -- | -- | 5 | -- | 0.481 | -- | 0.5 | -- |
| 1,4-Dioxane | ug/L | -- | -- | -- | -- | -- | 3.98 | -- | 7 | -- |
| 2-Naphthylamine | ug/L | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Acetone | ug/L | -- | -- | -- | -- | -- | 7250 | -- | -- | -- |
| Benzene | ug/L | 5 | -- | -- | -- | -- | 0.795 | -- | 1 | -- |
| Bromodichloromethane | ug/L | -- | -- | -- | -- | -- | 0.706 | -- | 0.3 | -- |
| Dibenz[a,h]anthracene | ug/L | -- | -- | -- | -- | -- | 0.12 | -- | -- | -- |
| Dibromochloromethane | ug/L | -- | -- | -- | -- | -- | 0.521 | -- | -- | -- |
| Methylene chloride | ug/L | 5 | 5 | -- | 5 | -- | 5.833 | -- | -- | -- |
| Vinyl Chloride | ug/L | 2 | -- | -- | 2 | -- | 0.0292 | -- | 0.02 | -- |

**Notes:**

Highlighted values are the lowest concentration that is used for the screening.

[a] - Safe Drinking Water Act of 1974 (SDWA) (42 U.S.C. 300(f) et seq.)," 40 CFR 141 National Primary and Secondary Drinking Water Standards," "Maximum Contaminant Levels / Nonzero Maximum Contaminant Level Goals"

[b] - Washington Department of Health, Water Systems (Title 246 WAC, Chapter 290-210) Maximum Contaminant Levels (MCLs) and Maximum Residual Disinfectants

[c] - Model Toxics Control Act (MTCA) (Chapter 70.105D RCW), "MTCA Cleanup Regulation," WAC 173 340

[d] - Chapter 173-200 Water Quality Standards for Ground Waters of the State of Washington

[e] - Gross Alpha Activity MCL (40CFR141.66 - Updated Based Upon Final Radionuclides Rule 66 FR 76708, December 7, 2000, Vol. 65, No. 236)

* 16,000 = Site-specific calculated Method B Cleanup Level; 7,200 = State default cleanup level using recent IRIS updated value

**Table 16**
**Data for Beryllium, Lead, and Vanadium**
***Hanford 200 West Pump and Treat***

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-1 | 299-W15-43 | 8/5/2004 | Vanadium | 31.7 | ug/L | | | 6010_METALS_ICP |
| EW-1 | 299-W15-43 | 10/20/2005 | Vanadium | 25.4 | ug/L | | | 6010_METALS_ICP |
| EW-1 | 299-W15-43 | 1/24/2007 | Vanadium | 25.2 | ug/L | | | 6010_METALS_ICP |
| EW-1 | 299-W15-43 | 5/23/2006 | Vanadium | 27 | ug/L | B | | 6010_METALS_ICP |
| EW-1 | 299-W15-43 | 10/26/2006 | Vanadium | 28.2 | ug/L | B | | 6010_METALS_ICP |
| EW-1 | 299-W15-43 | 4/22/2008 | Vanadium | 23.8 | ug/L | B | | 6010_METALS_ICP |
| EW-1 | 299-W15-43 | 4/22/2008 | Vanadium | 24.6 | ug/L | B | | 6010_METALS_ICP |
| EW-1 | 299-W15-43 | 4/22/2008 | Vanadium | 23.4 | ug/L | B | | 6010_METALS_ICP |
| EW-1 | 299-W15-43 | 4/22/2008 | Vanadium | 25.6 | ug/L | B | | 6010_METALS_ICP |
| EW-1 | 299-W15-43 | 12/3/2008 | Vanadium | 16.6 | ug/L | B | | 6010_METALS_ICP |
| EW-1 | 299-W15-43 | 12/3/2008 | Vanadium | 22.5 | ug/L | B | | 6010_METALS_ICP |
| EW-1 | 299-W15-43 | 2/25/2009 | Vanadium | 27.7 | ug/L | B | | 6010_METALS_ICP |
| EW-1 | 299-W15-43 | 2/25/2009 | Vanadium | 30.3 | ug/L | B | | 6010_METALS_ICP |
| EW-1 | 299-W15-45 | 11/17/2005 | Vanadium | 25.4 | ug/L | | | 6010_METALS_ICP |
| EW-1 | 299-W15-45 | 2/16/2006 | Vanadium | 26.4 | ug/L | | | 6010_METALS_ICP |
| EW-1 | 299-W15-45 | 2/22/2007 | Vanadium | 23.5 | ug/L | | | 6010_METALS_ICP |
| EW-1 | 299-W15-45 | 5/30/2006 | Vanadium | 26.6 | ug/L | B | | 6010_METALS_ICP |
| EW-1 | 299-W15-45 | 8/24/2006 | Vanadium | 26.7 | ug/L | B | | 6010_METALS_ICP |
| EW-1 | 299-W15-45 | 12/5/2006 | Vanadium | 25.8 | ug/L | B | | 6010_METALS_ICP |
| EW-1 | 299-W15-49 | 12/7/2004 | Vanadium | 19.1 | ug/L | | | 200.8_METALS_ICPMS |
| EW-1 | 299-W15-49 | 12/9/2004 | Vanadium | 9.8 | ug/L | | | 200.8_METALS_ICPMS |
| EW-1 | 299-W15-49 | 12/10/2004 | Vanadium | 8.32 | ug/L | | | 200.8_METALS_ICPMS |
| EW-1 | 299-W15-49 | 12/15/2004 | Vanadium | 11.1 | ug/L | | | 200.8_METALS_ICPMS |
| EW-1 | 299-W15-49 | 12/15/2004 | Vanadium | 11.1 | ug/L | | | 200.8_METALS_ICPMS |
| EW-1 | 299-W15-49 | 11/4/2005 | Vanadium | 25.6 | ug/L | | | 6010_METALS_ICP |
| EW-1 | 299-W15-49 | 2/16/2006 | Vanadium | 24 | ug/L | | | 6010_METALS_ICP |
| EW-1 | 299-W15-49 | 2/22/2007 | Vanadium | 24.2 | ug/L | | | 6010_METALS_ICP |
| EW-1 | 299-W15-49 | 5/24/2007 | Vanadium | 25.1 | ug/L | | G | 6010_METALS_ICP |
| EW-1 | 299-W15-49 | 5/22/2006 | Vanadium | 24.6 | ug/L | B | | 6010_METALS_ICP |
| EW-1 | 299-W15-49 | 8/24/2006 | Vanadium | 22.9 | ug/L | B | | 6010_METALS_ICP |
| EW-1 | 299-W15-49 | 11/28/2006 | Vanadium | 24.3 | ug/L | B | | 6010_METALS_ICP |
| | | | **Maximum** | **31.7** | | | | |
| EW-10 | 299-W15-17 | 1/12/2005 | Lead | 1.6 | ug/L | B | | 7421_PB_GFAA |
| EW-10 | 299-W15-17 | 2/3/2009 | Lead | 0.364 | ug/L | B | | 200.8_METALS_ICPMS |
| EW-10 | 299-W15-17 | 2/3/2009 | Lead | 0.332 | ug/L | B | | 200.8_METALS_ICPMS |
| EW-10 | 299-W15-17 | 1/31/2008 | Lead | 0.1 | ug/L | | | 200.8_METALS_ICPMS |
| EW-10 | 299-W15-30 | 2/5/2008 | Lead | 0.13 | ug/L | | | 200.8_METALS_ICPMS |
| EW-10 | 299-W15-50 | 2/2/2005 | Lead | 0.243 | ug/L | | | 200.8_METALS_ICPMS |
| | | | **Maximum** | **1.6** | | | | |
| EW-10 | 299-W15-16 | 1/13/2004 | Beryllium | 0.98 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-50 | 2/24/2006 | Beryllium | 0.76 | ug/L | B | | 6010_METALS_ICP |
| | | | **Maximum** | **0.98** | | | | |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-10 | 299-W15-152 | 2/2/2006 | Vanadium | 23.9 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-152 | 8/17/2006 | Vanadium | 24.6 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-152 | 1/29/2007 | Vanadium | 25.5 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-152 | 1/29/2007 | Vanadium | 26.4 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-152 | 8/27/2008 | Vanadium | 25.6 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-152 | 8/27/2008 | Vanadium | 28.3 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-152 | 2/3/2009 | Vanadium | 21.9 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-152 | 2/3/2009 | Vanadium | 22.7 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-16 | 1/13/2004 | Vanadium | 33 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-17 | 1/13/2004 | Vanadium | 33.9 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-17 | 7/12/2004 | Vanadium | 32.3 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-17 | 7/12/2004 | Vanadium | 29.8 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-17 | 1/12/2005 | Vanadium | 30.4 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-17 | 7/20/2005 | Vanadium | 32 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-17 | 1/30/2006 | Vanadium | 31.3 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-17 | 1/30/2006 | Vanadium | 33 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-17 | 1/31/2007 | Vanadium | 29.9 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-17 | 7/26/2007 | Vanadium | 24.3 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-17 | 1/31/2008 | Vanadium | 27.9 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-17 | 1/31/2008 | Vanadium | 30.2 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-17 | 7/9/2008 | Vanadium | 25.4 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-17 | 7/9/2008 | Vanadium | 32.6 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-17 | 8/28/2006 | Vanadium | 31.1 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-17 | 8/28/2006 | Vanadium | 31.2 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-17 | 2/3/2008 | Vanadium | 36.2 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-17 | 2/3/2008 | Vanadium | 27.9 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-17 | 2/3/2009 | Vanadium | 34.4 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-17 | 2/3/2009 | Vanadium | 33.7 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-30 | 2/10/2004 | Vanadium | 26 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-30 | 8/5/2004 | Vanadium | 30.6 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-30 | 2/11/2005 | Vanadium | 24.3 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-30 | 10/28/2005 | Vanadium | 24.2 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-30 | 11/17/2005 | Vanadium | 23.4 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-30 | 1/30/2006 | Vanadium | 24.3 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-30 | 1/31/2007 | Vanadium | 20.7 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-30 | 2/5/2008 | Vanadium | 21.7 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-30 | 2/5/2008 | Vanadium | 18.1 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-30 | 4/19/2006 | Vanadium | 23.5 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-30 | 8/17/2006 | Vanadium | 23.5 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-30 | 12/12/2006 | Vanadium | 24.5 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-30 | 8/20/2008 | Vanadium | 17 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-30 | 8/20/2008 | Vanadium | 19.6 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-30 | 2/3/2009 | Vanadium | 20.4 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-30 | 2/3/2009 | Vanadium | 18.6 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-38 | 8/6/2004 | Vanadium | 34 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-38 | 9/1/2005 | Vanadium | 31.1 | ug/L | | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-10 | 299-W15-38 | 8/12/2008 | Vanadium | 16 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-42 | 8/25/2004 | Vanadium | 23.2 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-42 | 2/11/2005 | Vanadium | 21.3 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-42 | 10/12/2005 | Vanadium | 25.1 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-42 | 2/21/2006 | Vanadium | 24.7 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-42 | 3/19/2008 | Vanadium | 25.4 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-42 | 3/19/2008 | Vanadium | 25.2 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-42 | 8/24/2006 | Vanadium | 25.7 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-42 | 3/5/2009 | Vanadium | 22.2 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-42 | 3/5/2009 | Vanadium | 23.6 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-50 | 1/25/2005 | Vanadium | 15.2 | ug/L | | | 200.8_METALS_ICPMS |
| EW-10 | 299-W15-50 | 1/31/2005 | Vanadium | 8.06 | ug/L | | | 200.8_METALS_ICPMS |
| EW-10 | 299-W15-50 | 2/2/2005 | Vanadium | 16.8 | ug/L | | | 200.8_METALS_ICPMS |
| EW-10 | 299-W15-50 | 2/7/2005 | Vanadium | 22.5 | ug/L | | | 200.8_METALS_ICPMS |
| EW-10 | 299-W15-50 | 5/12/2005 | Vanadium | 24.4 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-50 | 8/22/2005 | Vanadium | 25.6 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-50 | 11/4/2005 | Vanadium | 27.6 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-50 | 2/24/2006 | Vanadium | 26.8 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-50 | 2/22/2007 | Vanadium | 19.9 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-50 | 5/24/2007 | Vanadium | 28.3 | ug/L | | G | 6010_METALS_ICP |
| EW-10 | 299-W15-50 | 12/6/2007 | Vanadium | 26.9 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-50 | 12/6/2007 | Vanadium | 26.7 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-50 | 3/3/2008 | Vanadium | 26.2 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-50 | 3/3/2008 | Vanadium | 22.8 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-50 | 6/3/2008 | Vanadium | 23 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-50 | 6/3/2008 | Vanadium | 23.7 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-50 | 5/30/2006 | Vanadium | 25.6 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-50 | 8/24/2006 | Vanadium | 24.9 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-50 | 11/28/2006 | Vanadium | 25.7 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-50 | 12/6/2007 | Vanadium | 22.4 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-50 | 12/6/2007 | Vanadium | 23.2 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-50 | 8/17/2008 | Vanadium | 18.1 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-50 | 8/17/2008 | Vanadium | 21.5 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-50 | 12/2/2008 | Vanadium | 30.3 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-50 | 12/2/2008 | Vanadium | 25.3 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-50 | 3/3/2009 | Vanadium | 21 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-50 | 3/3/2009 | Vanadium | 20.3 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-50 | 6/5/2009 | Vanadium | 21.8 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-50 | 6/5/2009 | Vanadium | 19.1 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-94 | 2/2/2006 | Vanadium | 22.3 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-94 | 1/30/2008 | Vanadium | 23 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-94 | 1/30/2008 | Vanadium | 23.7 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W15-94 | 8/17/2006 | Vanadium | 26.4 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-94 | 1/29/2007 | Vanadium | 26.3 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-94 | 8/26/2008 | Vanadium | 22.4 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-94 | 8/26/2008 | Vanadium | 26.2 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W15-94 | 2/3/2009 | Vanadium | 23.7 | ug/L | B | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-10 | 299-W15-94 | 2/3/2009 | Vanadium | 29.5 | ug/L | B | | 6010_METALS_ICP |
| EW-10 | 299-W18-1 | 2/19/2004 | Vanadium | 31 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W18-1 | 8/6/2004 | Vanadium | 31.8 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W18-1 | 4/26/2005 | Vanadium | 28.6 | ug/L | | | 6010_METALS_ICP |
| EW-10 | 299-W18-1 | 10/11/2005 | Vanadium | 28.6 | ug/L | | | 6010_METALS_ICP |
| | | | **Maximum** | **36.2** | | | | |
| EW-11 | 299-W18-31 | 8/19/2004 | Beryllium | 0.51 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-12 | 8/19/2004 | Beryllium | 0.44 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-41 | 8/20/2004 | Beryllium | 0.72 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-42 | 8/20/2004 | Beryllium | 0.65 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-44 | 3/17/2004 | Beryllium | 0.96 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-44 | 8/20/2004 | Beryllium | 0.36 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-45 | 8/20/2004 | Beryllium | 0.58 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-47 | 11/30/2004 | Beryllium | 0.32 | ug/L | B | | 6010_METALS_ICP |
| | | | **Maximum** | **0.96** | | | | |
| EW-11 | 299-W18-30 | 2/11/2004 | Vanadium | 31.2 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W18-30 | 5/11/2004 | Vanadium | 28.2 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W18-30 | 8/9/2004 | Vanadium | 29.7 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W18-30 | 11/1/2004 | Vanadium | 28.8 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W18-30 | 2/16/2005 | Vanadium | 28.8 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W18-30 | 5/16/2005 | Vanadium | 28.2 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W18-30 | 8/22/2005 | Vanadium | 28 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W18-30 | 12/1/2005 | Vanadium | 29.1 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W18-30 | 2/24/2006 | Vanadium | 29.1 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W18-30 | 2/24/2006 | Vanadium | 28.4 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W18-30 | 2/9/2007 | Vanadium | 27 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W18-30 | 3/3/2008 | Vanadium | 20 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W18-30 | 3/3/2008 | Vanadium | 31.4 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W18-30 | 5/14/2008 | Vanadium | 30 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W18-30 | 5/14/2008 | Vanadium | 29.2 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W18-30 | 5/30/2006 | Vanadium | 28.6 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-30 | 8/1/2006 | Vanadium | 28.8 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-30 | 12/4/2006 | Vanadium | 29.4 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-30 | 5/9/2007 | Vanadium | 26.1 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-30 | 8/10/2008 | Vanadium | 26.7 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-30 | 8/10/2008 | Vanadium | 22.7 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-30 | 8/10/2008 | Vanadium | 27.8 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-30 | 8/10/2008 | Vanadium | 37 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-30 | 11/13/2008 | Vanadium | 33 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-30 | 11/13/2008 | Vanadium | 32.4 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-30 | 11/13/2008 | Vanadium | 25.9 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-30 | 11/13/2008 | Vanadium | 27.5 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-30 | 2/10/2009 | Vanadium | 20.8 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-30 | 2/10/2009 | Vanadium | 20 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-30 | 4/27/2009 | Vanadium | 29.2 | ug/L | B | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-11 | 299-W18-30 | 4/27/2009 | Vanadium | 28.5 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-31 | 8/19/2004 | Vanadium | 21.4 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W18-31 | 2/11/2004 | Vanadium | 11.2 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-31 | 5/11/2004 | Vanadium | 13.3 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-31 | 10/27/2004 | Vanadium | 12.3 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-31 | 2/15/2005 | Vanadium | 12.7 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-31 | 5/12/2005 | Vanadium | 12.1 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-31 | 8/22/2005 | Vanadium | 14.6 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-31 | 11/11/2005 | Vanadium | 12.8 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-31 | 3/28/2006 | Vanadium | 13.4 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-31 | 5/25/2006 | Vanadium | 14 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-31 | 8/4/2006 | Vanadium | 6.5 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-31 | 1/10/2007 | Vanadium | 11.1 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-31 | 2/27/2007 | Vanadium | 12.2 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-31 | 5/9/2007 | Vanadium | 10.6 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-40 | 2/11/2004 | Vanadium | 25.4 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W18-40 | 5/11/2004 | Vanadium | 26.5 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W18-40 | 8/25/2004 | Vanadium | 25.7 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W18-40 | 10/27/2004 | Vanadium | 24 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W18-40 | 2/15/2005 | Vanadium | 24.7 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W18-40 | 5/13/2005 | Vanadium | 24.6 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W18-40 | 8/23/2005 | Vanadium | 26.3 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W18-40 | 11/11/2005 | Vanadium | 24.5 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W18-40 | 3/28/2006 | Vanadium | 27 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W18-40 | 2/20/2007 | Vanadium | 25.4 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W18-40 | 2/10/2008 | Vanadium | 19.3 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W18-40 | 5/14/2008 | Vanadium | 28 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W18-40 | 5/14/2008 | Vanadium | 29.9 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W18-40 | 5/25/2006 | Vanadium | 25.2 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-40 | 8/3/2006 | Vanadium | 18.1 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-40 | 11/28/2006 | Vanadium | 23.4 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-40 | 5/9/2007 | Vanadium | 26.1 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-40 | 8/10/2008 | Vanadium | 28.5 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-40 | 8/10/2008 | Vanadium | 19.1 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-40 | 11/13/2008 | Vanadium | 27.5 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-40 | 11/13/2008 | Vanadium | 23 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-40 | 1/28/2009 | Vanadium | 25.5 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-40 | 1/28/2009 | Vanadium | 18.7 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-40 | 4/27/2009 | Vanadium | 16.6 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W18-40 | 4/27/2009 | Vanadium | 23.7 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-12 | 2/17/2004 | Vanadium | 27.2 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-12 | 5/11/2004 | Vanadium | 22.2 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-12 | 8/19/2004 | Vanadium | 29 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-12 | 1/18/2008 | Vanadium | 22.2 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-12 | 1/18/2008 | Vanadium | 8.8 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-12 | 2/10/2008 | Vanadium | 9.2 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-12 | 5/14/2008 | Vanadium | 24.3 | ug/L | | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-11 | 299-W19-12 | 5/14/2008 | Vanadium | 20 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-12 | 10/29/2004 | Vanadium | 19.6 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-12 | 2/15/2005 | Vanadium | 19.7 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-12 | 5/23/2005 | Vanadium | 19.6 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-12 | 8/25/2005 | Vanadium | 19.8 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-12 | 11/11/2005 | Vanadium | 19.5 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-12 | 2/17/2006 | Vanadium | 19 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-12 | 5/25/2006 | Vanadium | 19.5 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-12 | 8/3/2006 | Vanadium | 14.2 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-12 | 11/29/2006 | Vanadium | 19 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-12 | 2/13/2007 | Vanadium | 19 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-12 | 5/15/2007 | Vanadium | 18.5 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-12 | 8/10/2008 | Vanadium | 20.7 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-12 | 8/10/2008 | Vanadium | 15.2 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-12 | 11/13/2008 | Vanadium | 22.1 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-12 | 11/13/2008 | Vanadium | 20.1 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-12 | 1/28/2009 | Vanadium | 25.3 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-12 | 1/28/2009 | Vanadium | 25.4 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-41 | 2/18/2004 | Vanadium | 20.2 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-41 | 5/11/2004 | Vanadium | 23.9 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-41 | 8/20/2004 | Vanadium | 30.2 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-41 | 2/15/2005 | Vanadium | 20.1 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-41 | 2/10/2008 | Vanadium | 18.9 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-41 | 2/10/2008 | Vanadium | 10.4 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-41 | 5/14/2008 | Vanadium | 20.8 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-41 | 5/14/2008 | Vanadium | 28.6 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-41 | 10/27/2004 | Vanadium | 19.4 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-41 | 5/13/2005 | Vanadium | 19.4 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-41 | 8/25/2005 | Vanadium | 19.3 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-41 | 11/11/2005 | Vanadium | 19.8 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-41 | 2/17/2006 | Vanadium | 19.4 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-41 | 5/25/2006 | Vanadium | 19.2 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-41 | 8/3/2006 | Vanadium | 13.9 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-41 | 11/10/2006 | Vanadium | 14 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-41 | 3/23/2007 | Vanadium | 19.8 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-41 | 5/21/2007 | Vanadium | 22.9 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-41 | 8/10/2008 | Vanadium | 15.8 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-41 | 8/10/2008 | Vanadium | 24.7 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-41 | 11/13/2008 | Vanadium | 19.9 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-41 | 11/13/2008 | Vanadium | 23.3 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-41 | 1/28/2009 | Vanadium | 20.5 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-41 | 1/28/2009 | Vanadium | 26 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-42 | 2/11/2004 | Vanadium | 31.3 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-42 | 5/11/2004 | Vanadium | 28.7 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-42 | 8/20/2004 | Vanadium | 38.9 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-42 | 10/29/2004 | Vanadium | 28.3 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-42 | 2/15/2005 | Vanadium | 30 | ug/L | | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-11 | 299-W19-42 | 5/13/2005 | Vanadium | 29 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-42 | 8/23/2005 | Vanadium | 29.8 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-42 | 11/11/2005 | Vanadium | 29.8 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-42 | 2/17/2006 | Vanadium | 28.9 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-42 | 2/13/2007 | Vanadium | 29.5 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-42 | 2/10/2008 | Vanadium | 14.5 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-42 | 5/18/2008 | Vanadium | 24.5 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-42 | 5/18/2008 | Vanadium | 27 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-42 | 8/19/2008 | Vanadium | 15.6 | ug/L | | G | 6010_METALS_ICP |
| EW-11 | 299-W19-42 | 5/25/2006 | Vanadium | 29.7 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-42 | 8/3/2006 | Vanadium | 25.4 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-42 | 11/10/2006 | Vanadium | 30.7 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-42 | 5/15/2007 | Vanadium | 28.7 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-42 | 8/19/2008 | Vanadium | 17.3 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-42 | 11/13/2008 | Vanadium | 26.6 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-42 | 11/13/2008 | Vanadium | 27.9 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-42 | 1/28/2009 | Vanadium | 27.2 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-42 | 1/28/2009 | Vanadium | 23.1 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-44 | 2/10/2008 | Vanadium | 8.1 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-44 | 5/18/2008 | Vanadium | 12.2 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-44 | 5/18/2008 | Vanadium | 14.1 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-44 | 3/17/2004 | Vanadium | 18.5 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-44 | 5/11/2004 | Vanadium | 13 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-44 | 8/20/2004 | Vanadium | 18.9 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-44 | 10/27/2004 | Vanadium | 9.8 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-44 | 2/15/2005 | Vanadium | 10.5 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-44 | 2/15/2005 | Vanadium | 11 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-44 | 5/13/2005 | Vanadium | 11.2 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-44 | 8/25/2005 | Vanadium | 11.3 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-44 | 11/11/2005 | Vanadium | 11.3 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-44 | 2/17/2006 | Vanadium | 11.5 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-44 | 5/25/2006 | Vanadium | 11.5 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-44 | 8/3/2006 | Vanadium | 6.5 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-44 | 11/10/2006 | Vanadium | 12.7 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-44 | 11/10/2006 | Vanadium | 12.9 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-44 | 2/13/2007 | Vanadium | 12.1 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-44 | 5/15/2007 | Vanadium | 12 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-44 | 8/19/2008 | Vanadium | 15 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-44 | 11/13/2008 | Vanadium | 12.5 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-44 | 11/13/2008 | Vanadium | 15.9 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-44 | 1/28/2009 | Vanadium | 16.8 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-45 | 2/11/2004 | Vanadium | 26.9 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-45 | 5/11/2004 | Vanadium | 26.6 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-45 | 8/20/2004 | Vanadium | 34.1 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-45 | 10/27/2004 | Vanadium | 24.5 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-45 | 2/15/2005 | Vanadium | 25.6 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-45 | 5/13/2005 | Vanadium | 24.7 | ug/L | | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-11 | 299-W19-45 | 8/25/2005 | Vanadium | 25.7 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-45 | 11/11/2005 | Vanadium | 24.5 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-45 | 2/17/2006 | Vanadium | 24.2 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-45 | 2/21/2007 | Vanadium | 24.3 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-45 | 2/10/2008 | Vanadium | 18.8 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-45 | 5/18/2008 | Vanadium | 17.4 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-45 | 5/18/2008 | Vanadium | 19.6 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-45 | 5/25/2006 | Vanadium | 25.2 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-45 | 8/3/2006 | Vanadium | 19.7 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-45 | 11/10/2006 | Vanadium | 24.3 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-45 | 5/9/2007 | Vanadium | 23 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-45 | 8/19/2008 | Vanadium | 22.6 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-45 | 8/19/2008 | Vanadium | 23.3 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-45 | 11/13/2008 | Vanadium | 28.9 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-45 | 11/13/2008 | Vanadium | 18.5 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-45 | 2/10/2009 | Vanadium | 18.7 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-45 | 2/10/2009 | Vanadium | 17.5 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-47 | 11/30/2004 | Vanadium | 21.1 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-47 | 2/16/2005 | Vanadium | 24.4 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-47 | 5/18/2005 | Vanadium | 25.5 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-47 | 8/23/2005 | Vanadium | 26.2 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-47 | 11/11/2005 | Vanadium | 25.8 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-47 | 4/6/2006 | Vanadium | 28.9 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-47 | 2/13/2007 | Vanadium | 28.2 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-47 | 2/10/2008 | Vanadium | 25.7 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-47 | 5/18/2008 | Vanadium | 24.2 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-47 | 5/18/2008 | Vanadium | 26.4 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-47 | 5/18/2008 | Vanadium | 21.9 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-47 | 5/18/2008 | Vanadium | 22.6 | ug/L | | | 6010_METALS_ICP |
| EW-11 | 299-W19-47 | 5/25/2006 | Vanadium | 27.3 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-47 | 8/3/2006 | Vanadium | 17.9 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-47 | 11/29/2006 | Vanadium | 28.3 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-47 | 5/15/2007 | Vanadium | 28.7 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-47 | 8/19/2008 | Vanadium | 20.1 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-47 | 8/19/2008 | Vanadium | 24.8 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-47 | 11/13/2008 | Vanadium | 39.7 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-47 | 11/13/2008 | Vanadium | 27.5 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-47 | 1/28/2009 | Vanadium | 31.5 | ug/L | B | | 6010_METALS_ICP |
| EW-11 | 299-W19-47 | 1/28/2009 | Vanadium | 26 | ug/L | B | | 6010_METALS_ICP |
| | | | **Maximum** | **39.7** | | | | |
| EW-12 | 299-W15-46 | 11/10/2004 | Lead | 25.8 | ug/L | | | 6010_METALS_ICP |
| EW-12 | 299-W15-46 | 1/26/2005 | Lead | 23.7 | ug/L | | | 6010_METALS_ICP |
| | | | **Maximum** | **25.8** | | | | |
| EW-12 | 299-W15-46 | 10/19/2004 | Beryllium | 0.15 | ug/L | | | 6010_METALS_ICP |
| EW-12 | 299-W15-47 | 9/5/2006 | Beryllium | 0.52 | ug/L | B | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| | | | **Maximum** | **0.52** | | | | |
| EW-12 | 299-W14-72 | 4/5/2007 | Vanadium | 12.9 | ug/L | | | 6010_METALS_ICP |
| EW-12 | 299-W14-72 | 11/16/2008 | Vanadium | 18.3 | ug/L | B | | 6010_METALS_ICP |
| EW-12 | 299-W14-72 | 11/16/2008 | Vanadium | 22.5 | ug/L | B | | 6010_METALS_ICP |
| EW-12 | 299-W14-72 | 3/2/2009 | Vanadium | 15.4 | ug/L | B | | 6010_METALS_ICP |
| EW-12 | 299-W15-37 | 8/9/2004 | Vanadium | 42.8 | ug/L | | | 6010_METALS_ICP |
| EW-12 | 299-W15-37 | 10/25/2005 | Vanadium | 42 | ug/L | | G | 6010_METALS_ICP |
| EW-12 | 299-W15-37 | 3/3/2008 | Vanadium | 39.2 | ug/L | | | 6010_METALS_ICP |
| EW-12 | 299-W15-37 | 3/3/2008 | Vanadium | 41.3 | ug/L | | | 6010_METALS_ICP |
| EW-12 | 299-W15-37 | 8/24/2006 | Vanadium | 40.3 | ug/L | B | | 6010_METALS_ICP |
| EW-12 | 299-W15-37 | 8/12/2008 | Vanadium | 28.1 | ug/L | B | | 6010_METALS_ICP |
| EW-12 | 299-W15-37 | 8/12/2008 | Vanadium | 37.9 | ug/L | B | | 6010_METALS_ICP |
| EW-12 | 299-W15-37 | 8/12/2008 | Vanadium | 32.3 | ug/L | B | | 6010_METALS_ICP |
| EW-12 | 299-W15-37 | 8/12/2008 | Vanadium | 24.9 | ug/L | B | | 6010_METALS_ICP |
| EW-12 | 299-W15-37 | 3/2/2009 | Vanadium | 35.2 | ug/L | B | | 6010_METALS_ICP |
| EW-12 | 299-W15-37 | 3/2/2009 | Vanadium | 39.2 | ug/L | B | | 6010_METALS_ICP |
| EW-12 | 299-W15-39 | 2/10/2004 | Vanadium | 22.5 | ug/L | | | 6010_METALS_ICP |
| EW-12 | 299-W15-46 | 9/14/2004 | Vanadium | 36.3 | ug/L | | | 6010_METALS_ICP |
| EW-12 | 299-W15-46 | 9/28/2004 | Vanadium | 9.7 | ug/L | | | 6010_METALS_ICP |
| EW-12 | 299-W15-46 | 11/10/2004 | Vanadium | 2 | ug/L | | | 6010_METALS_ICP |
| EW-12 | 299-W15-46 | 8/25/2005 | Vanadium | 25.9 | ug/L | | | 6010_METALS_ICP |
| EW-12 | 299-W15-46 | 11/4/2005 | Vanadium | 28.9 | ug/L | | | 6010_METALS_ICP |
| EW-12 | 299-W15-46 | 2/24/2006 | Vanadium | 25.7 | ug/L | | | 6010_METALS_ICP |
| EW-12 | 299-W15-46 | 2/22/2007 | Vanadium | 25.8 | ug/L | | | 6010_METALS_ICP |
| EW-12 | 299-W15-46 | 5/23/2006 | Vanadium | 25.8 | ug/L | B | | 6010_METALS_ICP |
| EW-12 | 299-W15-46 | 12/12/2006 | Vanadium | 28.9 | ug/L | B | | 6010_METALS_ICP |
| EW-12 | 299-W15-47 | 1/18/2006 | Vanadium | 22.6 | ug/L | | | 6010_METALS_ICP |
| EW-12 | 299-W15-47 | 2/16/2006 | Vanadium | 26.9 | ug/L | | | 6010_METALS_ICP |
| EW-12 | 299-W15-47 | 2/22/2007 | Vanadium | 23.4 | ug/L | | | 6010_METALS_ICP |
| EW-12 | 299-W15-47 | 5/24/2007 | Vanadium | 28.8 | ug/L | | G | 6010_METALS_ICP |
| EW-12 | 299-W15-47 | 9/5/2006 | Vanadium | 25.3 | ug/L | B | | 6010_METALS_ICP |
| EW-12 | 299-W15-47 | 11/28/2006 | Vanadium | 25.4 | ug/L | B | | 6010_METALS_ICP |
| | | | **Maximum** | **42.8** | | | | |
| EW-13 | 299-W11-43 | 6/7/2005 | Lead | 0.285 | ug/L | | | 200.8_METALS_ICPMS |
| | | | **Maximum** | **0.285** | | | | |
| EW-13 | 299-W7-4 | 3/17/2004 | Beryllium | 0.95 | ug/L | B | | 6010_METALS_ICP |
| EW-13 | 299-W7-4 | 3/18/2005 | Beryllium | 0.5 | ug/L | B | | 6010_METALS_ICP |
| | | | **Maximum** | **0.95** | | | | |
| EW-13 | 299-W11-18 | 8/5/2004 | Vanadium | 30.4 | ug/L | | | 6010_METALS_ICP |
| EW-13 | 299-W11-18 | 8/25/2005 | Vanadium | 16.6 | ug/L | B | | 6010_METALS_ICP |
| EW-13 | 299-W11-18 | 8/10/2008 | Vanadium | 33.4 | ug/L | B | | 6010_METALS_ICP |
| EW-13 | 299-W11-18 | 8/10/2008 | Vanadium | 13.8 | ug/L | B | | 6010_METALS_ICP |
| EW-13 | 299-W11-43 | 6/1/2005 | Vanadium | 11.5 | ug/L | | | 200.8_METALS_ICPMS |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-13 | 299-W11-43 | 6/7/2005 | Vanadium | 12.2 | ug/L | | | 200.8_METALS_ICPMS |
| EW-13 | 299-W11-43 | 6/7/2005 | Vanadium | 12 | ug/L | | | 200.8_METALS_ICPMS |
| EW-13 | 299-W11-43 | 6/9/2005 | Vanadium | 11.8 | ug/L | | | 200.8_METALS_ICPMS |
| EW-13 | 299-W11-43 | 6/16/2005 | Vanadium | 9.01 | ug/L | | | 200.8_METALS_ICPMS |
| EW-13 | 299-W11-43 | 6/21/2005 | Vanadium | 4.91 | ug/L | | | 200.8_METALS_ICPMS |
| EW-13 | 299-W11-43 | 7/20/2006 | Vanadium | 18.1 | ug/L | B | | 6010_METALS_ICP |
| EW-13 | 299-W11-43 | 10/24/2006 | Vanadium | 23.7 | ug/L | B | | 6010_METALS_ICP |
| EW-13 | 299-W11-43 | 6/2/2009 | Vanadium | 17.4 | ug/L | B | | 6010_METALS_ICP |
| EW-13 | 299-W11-43 | 6/2/2009 | Vanadium | 17.9 | ug/L | B | | 6010_METALS_ICP |
| EW-13 | 299-W7-4 | 3/17/2004 | Vanadium | 27.4 | ug/L | | | 6010_METALS_ICP |
| EW-13 | 299-W7-4 | 10/15/2004 | Vanadium | 21.1 | ug/L | | | 6010_METALS_ICP |
| EW-13 | 299-W7-4 | 3/18/2005 | Vanadium | 33.5 | ug/L | | | 6010_METALS_ICP |
| EW-13 | 299-W7-4 | 3/18/2005 | Vanadium | 20.7 | ug/L | | | 6010_METALS_ICP |
| EW-13 | 299-W7-4 | 10/5/2005 | Vanadium | 22.9 | ug/L | | | 6010_METALS_ICP |
| EW-13 | 299-W7-4 | 3/23/2006 | Vanadium | 21.3 | ug/L | | | 6010_METALS_ICP |
| EW-13 | 299-W7-4 | 10/26/2006 | Vanadium | 19 | ug/L | B | | 6010_METALS_ICP |
| EW-13 | 299-W7-4 | 4/20/2007 | Vanadium | 22.8 | ug/L | B | | 6010_METALS_ICP |
| | | | **Maximum** | **33.5** | | | | |
| EW-14 | 299-W6-10 | 9/17/2004 | Vanadium | 20.4 | ug/L | | | 6010_METALS_ICP |
| EW-14 | 299-W6-10 | 9/1/2005 | Vanadium | 19.8 | ug/L | B | | 6010_METALS_ICP |
| | | | **Maximum** | **20.4** | | | | |
| EW-15 | 299-W14-71 | 4/2/2007 | Vanadium | 15.9 | ug/L | | | 6010_METALS_ICP |
| EW-15 | 299-W14-71 | 6/12/2007 | Vanadium | 18 | ug/L | | | 6010_METALS_ICP |
| EW-15 | 299-W14-71 | 12/6/2007 | Vanadium | 24.8 | ug/L | | | 6010_METALS_ICP |
| EW-15 | 299-W14-71 | 12/6/2007 | Vanadium | 19.7 | ug/L | | | 6010_METALS_ICP |
| EW-15 | 299-W14-71 | 12/6/2007 | Vanadium | 23 | ug/L | | | 6010_METALS_ICP |
| EW-15 | 299-W14-71 | 12/6/2007 | Vanadium | 29.1 | ug/L | | | 6010_METALS_ICP |
| EW-15 | 299-W14-71 | 2/17/2008 | Vanadium | 28.9 | ug/L | | | 6010_METALS_ICP |
| EW-15 | 299-W14-71 | 2/17/2008 | Vanadium | 24.6 | ug/L | | | 6010_METALS_ICP |
| EW-15 | 299-W14-71 | 5/19/2008 | Vanadium | 18.6 | ug/L | | | 6010_METALS_ICP |
| EW-15 | 299-W14-71 | 5/19/2008 | Vanadium | 19.7 | ug/L | | | 6010_METALS_ICP |
| EW-15 | 299-W14-71 | 12/6/2007 | Vanadium | 21.2 | ug/L | B | | 6010_METALS_ICP |
| EW-15 | 299-W14-71 | 12/6/2007 | Vanadium | 22 | ug/L | B | | 6010_METALS_ICP |
| EW-15 | 299-W14-71 | 8/10/2008 | Vanadium | 17.2 | ug/L | B | | 6010_METALS_ICP |
| EW-15 | 299-W14-71 | 8/10/2008 | Vanadium | 17.4 | ug/L | B | | 6010_METALS_ICP |
| EW-15 | 299-W14-71 | 11/16/2008 | Vanadium | 27.4 | ug/L | B | | 6010_METALS_ICP |
| EW-15 | 299-W14-71 | 11/16/2008 | Vanadium | 28.8 | ug/L | B | | 6010_METALS_ICP |
| EW-15 | 299-W14-71 | 3/2/2009 | Vanadium | 22.2 | ug/L | B | | 6010_METALS_ICP |
| EW-15 | 299-W14-71 | 3/2/2009 | Vanadium | 21.7 | ug/L | B | | 6010_METALS_ICP |
| | | | **Maximum** | **29.1** | | | | |
| EW-16 | 299-W22-72 | 3/27/2008 | Lead | 0.22 | ug/L | | | 200.8_METALS_ICPMS |
| EW-16 | 699-36-70B | 8/31/2004 | Lead | 2.19 | ug/L | | | 200.8_METALS_ICPMS |
| EW-16 | 699-36-70B | 9/14/2004 | Lead | 4.25 | ug/L | | | 200.8_METALS_ICPMS |
| | | | **Maximum** | **4.25** | | | | |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-16 | 299-W19-35 | 8/11/2004 | Beryllium | 0.65 | ug/L | B | Q | 6010_METALS_ICP |
| EW-16 | 299-W22-69 | 3/28/2007 | Beryllium | 0.75 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-79 | 1/12/2004 | Beryllium | 0.82 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-82 | 9/10/2004 | Beryllium | 0.38 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-82 | 6/9/2005 | Beryllium | 0.24 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-82 | 3/16/2006 | Beryllium | 0.52 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 699-36-70B | 8/31/2004 | Beryllium | 0.189 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 699-36-70B | 9/14/2004 | Beryllium | 0.288 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 699-38-70 | 8/11/2004 | Beryllium | 0.58 | ug/L | B | Q | 6010_METALS_ICP |
| EW-16 | 699-38-70 | 8/11/2004 | Beryllium | 0.64 | ug/L | B | Q | 6010_METALS_ICP |
| EW-16 | 699-38-70B | 8/11/2004 | Beryllium | 0.73 | ug/L | B | Q | 6010_METALS_ICP |
| | | | **Maximum** | **0.82** | | | | |
| EW-16 | 299-W19-35 | 2/17/2004 | Vanadium | 27.6 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W19-35 | 2/17/2004 | Vanadium | 27.6 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W19-35 | 8/11/2004 | Vanadium | 34.1 | ug/L | | Q | 6010_METALS_ICP |
| EW-16 | 299-W19-35 | 2/23/2005 | Vanadium | 21.1 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W19-35 | 8/31/2005 | Vanadium | 21.4 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W19-35 | 2/28/2006 | Vanadium | 23.9 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W19-35 | 12/28/2006 | Vanadium | 23.1 | ug/L | | GH | 6010_METALS_ICP |
| EW-16 | 299-W19-35 | 6/19/2007 | Vanadium | 24.4 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W19-35 | 6/19/2007 | Vanadium | 21.8 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W19-35 | 12/28/2007 | Vanadium | 10.5 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W19-35 | 12/28/2007 | Vanadium | 26.7 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W19-35 | 6/24/2008 | Vanadium | 27.4 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W19-35 | 6/24/2008 | Vanadium | 28.7 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W19-35 | 11/16/2006 | Vanadium | 23.9 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W19-35 | 1/6/2009 | Vanadium | 35.2 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W19-35 | 1/6/2009 | Vanadium | 24.8 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W21-2 | 5/16/2005 | Vanadium | 22.4 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W21-2 | 9/6/2005 | Vanadium | 24.6 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W21-2 | 12/30/2005 | Vanadium | 26.7 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W21-2 | 2/24/2005 | Vanadium | 18.8 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W21-2 | 1/4/2007 | Vanadium | 31 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-69 | 1/4/2008 | Vanadium | 33.7 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-69 | 1/4/2008 | Vanadium | 34.7 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-69 | 3/17/2008 | Vanadium | 27.5 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-69 | 3/17/2008 | Vanadium | 28.8 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-69 | 6/9/2008 | Vanadium | 28.9 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-69 | 6/9/2008 | Vanadium | 28.9 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-69 | 6/9/2008 | Vanadium | 28.6 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-69 | 6/9/2008 | Vanadium | 28.9 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-69 | 6/20/2006 | Vanadium | 32.5 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-69 | 10/4/2006 | Vanadium | 27.8 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-69 | 12/14/2006 | Vanadium | 29.5 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-69 | 12/28/2006 | Vanadium | 30.2 | ug/L | B | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-16 | 299-W22-69 | 3/28/2007 | Vanadium | 32.2 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-69 | 6/14/2007 | Vanadium | 31 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-69 | 6/18/2007 | Vanadium | 29.1 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-69 | 9/30/2008 | Vanadium | 28.6 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-69 | 9/30/2008 | Vanadium | 31.4 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-69 | 12/17/2008 | Vanadium | 39.2 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-69 | 12/17/2008 | Vanadium | 30.8 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-69 | 3/25/2009 | Vanadium | 18.6 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-69 | 3/25/2009 | Vanadium | 15.7 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-69 | 6/12/2009 | Vanadium | 21.1 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-69 | 6/12/2009 | Vanadium | 24.4 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-72 | 1/17/2008 | Vanadium | 34.2 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-72 | 1/17/2008 | Vanadium | 38.4 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-72 | 3/27/2008 | Vanadium | 33.2 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-72 | 3/27/2008 | Vanadium | 45.8 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-72 | 6/23/2008 | Vanadium | 33.7 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-72 | 6/23/2008 | Vanadium | 33.3 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-72 | 6/20/2006 | Vanadium | 36.9 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-72 | 10/4/2006 | Vanadium | 30.6 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-72 | 1/10/2007 | Vanadium | 33.7 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-72 | 1/22/2007 | Vanadium | 35.3 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-72 | 3/28/2007 | Vanadium | 34.7 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-72 | 6/14/2007 | Vanadium | 33.9 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-72 | 6/18/2007 | Vanadium | 32.3 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-72 | 9/4/2008 | Vanadium | 30.3 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-72 | 9/4/2008 | Vanadium | 32.7 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-72 | 12/18/2008 | Vanadium | 32.4 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-72 | 12/18/2008 | Vanadium | 36.2 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-72 | 3/25/2009 | Vanadium | 24.8 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-72 | 3/25/2009 | Vanadium | 17.9 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-72 | 6/12/2009 | Vanadium | 30.3 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-72 | 6/12/2009 | Vanadium | 27.8 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-79 | 1/12/2004 | Vanadium | 38.7 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-79 | 12/16/2004 | Vanadium | 33.3 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-79 | 12/16/2004 | Vanadium | 33.4 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-79 | 12/21/2005 | Vanadium | 34.7 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-79 | 12/28/2006 | Vanadium | 33.2 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-82 | 2/27/2004 | Vanadium | 27 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-82 | 6/11/2004 | Vanadium | 31.7 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-82 | 9/10/2004 | Vanadium | 25.3 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-82 | 12/6/2004 | Vanadium | 31.7 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-82 | 3/4/2005 | Vanadium | 26.6 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-82 | 3/4/2005 | Vanadium | 26.4 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-82 | 6/9/2005 | Vanadium | 27.3 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-82 | 10/28/2005 | Vanadium | 25.7 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-82 | 1/18/2006 | Vanadium | 26.6 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-82 | 3/16/2006 | Vanadium | 26.1 | ug/L | | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-16 | 299-W22-82 | 1/4/2008 | Vanadium | 22.4 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-82 | 1/4/2008 | Vanadium | 21.8 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-82 | 3/14/2008 | Vanadium | 28.5 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-82 | 6/9/2008 | Vanadium | 23 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-82 | 6/9/2008 | Vanadium | 22.3 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-82 | 6/26/2006 | Vanadium | 26.3 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-82 | 10/27/2006 | Vanadium | 25.1 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-82 | 1/18/2007 | Vanadium | 29.1 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-82 | 3/26/2007 | Vanadium | 27.4 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-82 | 6/19/2007 | Vanadium | 26.9 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-82 | 9/3/2008 | Vanadium | 23.3 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-82 | 9/3/2008 | Vanadium | 25.4 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-82 | 2/10/2009 | Vanadium | 28.8 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-82 | 2/10/2009 | Vanadium | 14.5 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-82 | 3/11/2009 | Vanadium | 18.7 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-82 | 3/11/2009 | Vanadium | 22.6 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-82 | 6/12/2009 | Vanadium | 12.9 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-82 | 6/12/2009 | Vanadium | 18.2 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-87 | 7/10/2008 | Vanadium | 29.8 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-87 | 7/10/2008 | Vanadium | 32.3 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-87 | 12/28/2006 | Vanadium | 33 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-87 | 6/5/2007 | Vanadium | 31.9 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-87 | 9/4/2008 | Vanadium | 31.8 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 299-W22-88 | 6/4/2008 | Vanadium | 24.1 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 299-W22-88 | 6/4/2008 | Vanadium | 25.4 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 699-36-70B | 8/31/2004 | Vanadium | 12.8 | ug/L | | | 200.8_METALS_ICPMS |
| EW-16 | 699-36-70B | 9/9/2004 | Vanadium | 0.532 | ug/L | | | 200.8_METALS_ICPMS |
| EW-16 | 699-36-70B | 9/14/2004 | Vanadium | 42 | ug/L | | | 200.8_METALS_ICPMS |
| EW-16 | 699-36-70B | 2/14/2005 | Vanadium | 5.5 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 699-36-70B | 5/16/2005 | Vanadium | 12.2 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 699-36-70B | 8/30/2005 | Vanadium | 11.6 | ug/L | B | | 6010_METALS_ICP |
| EW-16 | 699-38-70 | 8/11/2004 | Vanadium | 37.2 | ug/L | | Q | 6010_METALS_ICP |
| EW-16 | 699-38-70 | 8/11/2004 | Vanadium | 36.8 | ug/L | | Q | 6010_METALS_ICP |
| EW-16 | 699-38-70 | 10/20/2005 | Vanadium | 25.2 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 699-38-70B | 5/12/2004 | Vanadium | 30.1 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 699-38-70B | 8/11/2004 | Vanadium | 39.3 | ug/L | | Q | 6010_METALS_ICP |
| EW-16 | 699-38-70B | 11/1/2004 | Vanadium | 25.6 | ug/L | | | 6010_METALS_ICP |
| EW-16 | 699-38-70B | 2/23/2005 | Vanadium | 25.2 | ug/L | | | 6010_METALS_ICP |
| | | | **Maximum** | **45.8** | | | | |
| EW-18 | 299-W7-3 | 3/26/2009 | Lead | 0.118 | ug/L | B | | 200.8_METALS_ICPMS |
| EW-18 | 699-45-69C | 8/15/2007 | Lead | 0.459 | ug/L | | | 200.8_METALS_ICPMS |
| EW-18 | 699-45-69C | 8/31/2007 | Lead | 2 | ug/L | | | 200.8_METALS_ICPMS |
| EW-18 | 699-45-69C | 9/6/2007 | Lead | 0.276 | ug/L | | | 200.8_METALS_ICPMS |
| | | | **Maximum** | **2** | | | | |
| EW-18 | 299-W7-12 | 4/5/2004 | Beryllium | 0.64 | ug/L | B | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-18 | 299-W7-12 | 3/17/2005 | Beryllium | 0.6 | ug/L | B | Q | 6010_METALS_ICP |
| EW-18 | 299-W7-3 | 3/17/2005 | Beryllium | 0.6 | ug/L | B | Q | 6010_METALS_ICP |
| EW-18 | 299-W7-3 | 3/17/2005 | Beryllium | 0.55 | ug/L | B | Q | 6010_METALS_ICP |
| EW-18 | 299-W7-5 | 3/17/2005 | Beryllium | 0.45 | ug/L | B | Q | 6010_METALS_ICP |
| | | | **Maximum** | **0.64** | | | | |
| EW-18 | 299-W7-12 | 4/5/2004 | Vanadium | 33.9 | ug/L | | | 6010_METALS_ICP |
| EW-18 | 299-W7-12 | 9/9/2004 | Vanadium | 26.2 | ug/L | | | 6010_METALS_ICP |
| EW-18 | 299-W7-12 | 3/17/2005 | Vanadium | 35.2 | ug/L | | Q | 6010_METALS_ICP |
| EW-18 | 299-W7-12 | 9/23/2005 | Vanadium | 21.6 | ug/L | | | 6010_METALS_ICP |
| EW-18 | 299-W7-3 | 3/22/2004 | Vanadium | 24.6 | ug/L | | | 6010_METALS_ICP |
| EW-18 | 299-W7-3 | 9/13/2004 | Vanadium | 22 | ug/L | | | 6010_METALS_ICP |
| EW-18 | 299-W7-3 | 3/17/2005 | Vanadium | 32.2 | ug/L | | Q | 6010_METALS_ICP |
| EW-18 | 299-W7-3 | 3/17/2005 | Vanadium | 32.7 | ug/L | | Q | 6010_METALS_ICP |
| EW-18 | 299-W7-3 | 9/23/2005 | Vanadium | 22.6 | ug/L | | | 6010_METALS_ICP |
| EW-18 | 299-W7-3 | 3/16/2006 | Vanadium | 23.3 | ug/L | | | 6010_METALS_ICP |
| EW-18 | 299-W7-3 | 3/27/2008 | Vanadium | 19.2 | ug/L | | | 6010_METALS_ICP |
| EW-18 | 299-W7-3 | 3/27/2008 | Vanadium | 22.2 | ug/L | | | 6010_METALS_ICP |
| EW-18 | 299-W7-3 | 10/26/2006 | Vanadium | 23.2 | ug/L | B | | 6010_METALS_ICP |
| EW-18 | 299-W7-3 | 3/28/2007 | Vanadium | 19.6 | ug/L | B | | 6010_METALS_ICP |
| EW-18 | 299-W7-3 | 9/15/2008 | Vanadium | 18.3 | ug/L | B | | 6010_METALS_ICP |
| EW-18 | 299-W7-3 | 9/15/2008 | Vanadium | 21.8 | ug/L | B | | 6010_METALS_ICP |
| EW-18 | 299-W7-3 | 3/26/2009 | Vanadium | 20.5 | ug/L | B | | 6010_METALS_ICP |
| EW-18 | 299-W7-3 | 3/26/2009 | Vanadium | 15.9 | ug/L | B | | 6010_METALS_ICP |
| EW-18 | 299-W7-5 | 3/29/2004 | Vanadium | 29.2 | ug/L | | | 6010_METALS_ICP |
| EW-18 | 299-W7-5 | 3/29/2004 | Vanadium | 26 | ug/L | | | 6010_METALS_ICP |
| EW-18 | 299-W7-5 | 9/13/2004 | Vanadium | 22.6 | ug/L | | | 6010_METALS_ICP |
| EW-18 | 299-W7-5 | 3/17/2005 | Vanadium | 24.2 | ug/L | | Q | 6010_METALS_ICP |
| | | | **Maximum** | **35.2** | | | | |
| EW-19 | 299-W11-86 | 7/7/2006 | Lead | 0.094 | ug/L | | | 200.8_METALS_ICPMS |
| | | | **Maximum** | **0.094** | | | | |
| EW-19 | 299-W10-21 | 3/17/2004 | Beryllium | 0.96 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W10-21 | 3/16/2005 | Beryllium | 0.7 | ug/L | B | Q | 6010_METALS_ICP |
| EW-19 | 299-W22-44 | 2/5/2004 | Beryllium | 0.55 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W22-44 | 12/7/2004 | Beryllium | 0.31 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W22-84 | 9/10/2004 | Beryllium | 0.34 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W23-20 | 9/10/2004 | Beryllium | 0.36 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W23-20 | 12/6/2004 | Beryllium | 0.32 | ug/L | B | | 6010_METALS_ICP |
| | | | **Maximum** | **0.96** | | | | |
| EW-19 | 299-W10-21 | 3/17/2004 | Vanadium | 32.2 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W10-21 | 9/13/2004 | Vanadium | 24.1 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W10-21 | 9/13/2004 | Vanadium | 23.6 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W10-21 | 3/16/2005 | Vanadium | 33.4 | ug/L | | Q | 6010_METALS_ICP |
| EW-19 | 299-W22-44 | 2/5/2004 | Vanadium | 31.7 | ug/L | | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-19 | 299-W22-44 | 3/1/2004 | Vanadium | 24.2 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W22-44 | 6/11/2004 | Vanadium | 30.7 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W22-44 | 9/14/2004 | Vanadium | 25.1 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W22-44 | 12/7/2004 | Vanadium | 25.2 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W22-44 | 3/2/2005 | Vanadium | 25.9 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W22-44 | 3/2/2005 | Vanadium | 26.5 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W22-44 | 3/2/2005 | Vanadium | 26.5 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W22-44 | 7/7/2005 | Vanadium | 25 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W22-44 | 9/22/2005 | Vanadium | 25.8 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W22-44 | 12/20/2005 | Vanadium | 27.8 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W22-44 | 3/14/2006 | Vanadium | 26.2 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W22-44 | 12/8/2007 | Vanadium | 24.4 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W22-44 | 12/8/2007 | Vanadium | 17.2 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W22-44 | 3/14/2008 | Vanadium | 19.4 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W22-44 | 3/14/2008 | Vanadium | 26.9 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W22-44 | 6/10/2008 | Vanadium | 18.3 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W22-44 | 6/10/2008 | Vanadium | 18.5 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W22-44 | 6/15/2006 | Vanadium | 18 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W22-44 | 10/27/2006 | Vanadium | 24.2 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W22-44 | 1/4/2007 | Vanadium | 24.6 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W22-44 | 3/23/2007 | Vanadium | 22.9 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W22-44 | 6/19/2007 | Vanadium | 21.5 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W22-44 | 9/4/2008 | Vanadium | 19.3 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W22-44 | 9/4/2008 | Vanadium | 18.2 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W22-44 | 12/11/2008 | Vanadium | 21.5 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W22-44 | 3/11/2009 | Vanadium | 17.2 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W22-44 | 3/11/2009 | Vanadium | 14.4 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W22-84 | 2/27/2004 | Vanadium | 30.7 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W22-84 | 6/14/2004 | Vanadium | 32.9 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W22-84 | 9/10/2004 | Vanadium | 28.9 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W22-84 | 12/6/2004 | Vanadium | 33.9 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W22-84 | 3/2/2005 | Vanadium | 30.4 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W22-84 | 6/9/2005 | Vanadium | 29.8 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W22-84 | 9/27/2005 | Vanadium | 28.8 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W22-84 | 12/13/2005 | Vanadium | 29.3 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W22-84 | 3/15/2006 | Vanadium | 31.1 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W22-84 | 12/15/2007 | Vanadium | 28.6 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W22-84 | 12/15/2007 | Vanadium | 29.6 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W22-84 | 3/14/2008 | Vanadium | 33.3 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W22-84 | 3/14/2008 | Vanadium | 32.4 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W22-84 | 6/23/2008 | Vanadium | 27.4 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W22-84 | 6/23/2008 | Vanadium | 23.8 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W22-84 | 6/23/2008 | Vanadium | 22.8 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W22-84 | 6/23/2008 | Vanadium | 23.5 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W22-84 | 12/15/2006 | Vanadium | 31.1 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W22-84 | 3/27/2007 | Vanadium | 31.2 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W22-84 | 6/19/2007 | Vanadium | 28 | ug/L | B | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-19 | 299-W22-84 | 9/3/2008 | Vanadium | 29.4 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W22-84 | 9/3/2008 | Vanadium | 30.8 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W22-84 | 1/5/2009 | Vanadium | 21.2 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W22-84 | 1/5/2009 | Vanadium | 32.2 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W22-84 | 3/11/2009 | Vanadium | 28.7 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W22-84 | 3/11/2009 | Vanadium | 26.5 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W22-84 | 6/12/2009 | Vanadium | 24.1 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W22-84 | 6/12/2009 | Vanadium | 24.5 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W23-20 | 2/26/2004 | Vanadium | 33.3 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W23-20 | 6/10/2004 | Vanadium | 36.7 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W23-20 | 9/10/2004 | Vanadium | 30.7 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W23-20 | 12/6/2004 | Vanadium | 35.9 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W23-20 | 3/2/2005 | Vanadium | 32.2 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W23-20 | 6/8/2005 | Vanadium | 32 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W23-20 | 9/23/2005 | Vanadium | 32 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W23-20 | 12/20/2005 | Vanadium | 33.8 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W23-20 | 3/15/2006 | Vanadium | 32 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W23-20 | 1/16/2008 | Vanadium | 35.8 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W23-20 | 1/16/2008 | Vanadium | 33.5 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W23-20 | 3/27/2008 | Vanadium | 34.4 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W23-20 | 3/27/2008 | Vanadium | 35.7 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W23-20 | 6/22/2008 | Vanadium | 25.5 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W23-20 | 6/22/2008 | Vanadium | 30.3 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W23-20 | 10/27/2006 | Vanadium | 25 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W23-20 | 1/19/2007 | Vanadium | 31.6 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W23-20 | 3/26/2007 | Vanadium | 31.9 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W23-20 | 9/15/2008 | Vanadium | 29.6 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W23-20 | 9/15/2008 | Vanadium | 31.1 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W23-20 | 1/5/2009 | Vanadium | 36.7 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W23-20 | 1/5/2009 | Vanadium | 31.6 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W23-20 | 3/26/2009 | Vanadium | 29 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W23-20 | 3/26/2009 | Vanadium | 28.8 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W23-4 | 2/18/2004 | Vanadium | 31.8 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W23-4 | 2/14/2005 | Vanadium | 28.7 | ug/L | | | 6010_METALS_ICP |
| EW-19 | 299-W23-4 | 3/3/2009 | Vanadium | 26.1 | ug/L | B | | 6010_METALS_ICP |
| EW-19 | 299-W23-4 | 3/3/2009 | Vanadium | 29.5 | ug/L | B | | 6010_METALS_ICP |
| | | | **Maximum** | **36.7** | | | | |
| EW-2 | 299-W15-34 | 1/18/2006 | Beryllium | 0.58 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W15-40 | 10/29/2004 | Beryllium | 0.41 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W15-40 | 2/10/2005 | Beryllium | 0.57 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W14-14 | 11/16/2005 | Beryllium | 0.37 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W14-15 | 8/18/2004 | Beryllium | 0.44 | ug/L | B | Q | 6010_METALS_ICP |
| EW-2 | 299-W14-15 | 11/16/2005 | Beryllium | 0.41 | ug/L | B | | 6010_METALS_ICP |
| | | | **Maximum** | **0.58** | | | | |
| EW-2 | 299-W15-34 | 1/18/2006 | Vanadium | 24.3 | ug/L | | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-2 | 299-W15-34 | 2/26/2007 | Vanadium | 21.3 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W15-34 | 5/24/2007 | Vanadium | 30.9 | ug/L | | G | 6010_METALS_ICP |
| EW-2 | 299-W15-34 | 12/5/2006 | Vanadium | 23.4 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W15-40 | 2/13/2004 | Vanadium | 24 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W15-40 | 5/10/2004 | Vanadium | 29.1 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W15-40 | 8/5/2004 | Vanadium | 27.8 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W15-40 | 10/29/2004 | Vanadium | 22.7 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W15-40 | 2/10/2005 | Vanadium | 23.2 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W15-40 | 5/12/2005 | Vanadium | 23.6 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W15-40 | 8/22/2005 | Vanadium | 23.9 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W15-40 | 8/22/2005 | Vanadium | 23.2 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W15-40 | 11/17/2005 | Vanadium | 23.3 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W15-40 | 3/16/2006 | Vanadium | 24.3 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W15-40 | 2/15/2007 | Vanadium | 22.8 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W15-40 | 2/24/2008 | Vanadium | 13.8 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W15-40 | 2/24/2008 | Vanadium | 25.5 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W15-40 | 5/20/2008 | Vanadium | 21.2 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W15-40 | 5/20/2008 | Vanadium | 14.3 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W15-40 | 5/23/2006 | Vanadium | 24 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W15-40 | 8/1/2006 | Vanadium | 24.3 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W15-40 | 11/28/2006 | Vanadium | 23.3 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W15-40 | 11/8/2007 | Vanadium | 22.8 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W15-40 | 11/8/2007 | Vanadium | 22.5 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W15-40 | 10/20/2008 | Vanadium | 16.5 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W15-40 | 10/20/2008 | Vanadium | 18.6 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W15-40 | 1/22/2009 | Vanadium | 26.7 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W15-40 | 1/22/2009 | Vanadium | 28.6 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W15-44 | 2/18/2004 | Vanadium | 23.1 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W15-44 | 2/18/2004 | Vanadium | 22.1 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W15-44 | 5/11/2004 | Vanadium | 26 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W15-44 | 8/5/2004 | Vanadium | 29.2 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W15-44 | 10/29/2004 | Vanadium | 23.8 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W15-44 | 2/10/2005 | Vanadium | 22.8 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W15-44 | 5/10/2005 | Vanadium | 22.2 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W15-44 | 8/22/2005 | Vanadium | 23.6 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W15-44 | 11/17/2005 | Vanadium | 24.7 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W15-44 | 2/16/2006 | Vanadium | 22.9 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W15-44 | 2/24/2008 | Vanadium | 28.3 | ug/L | | G | 6010_METALS_ICP |
| EW-2 | 299-W15-44 | 2/24/2008 | Vanadium | 20.8 | ug/L | | G | 6010_METALS_ICP |
| EW-2 | 299-W15-44 | 5/20/2008 | Vanadium | 19.9 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W15-44 | 5/20/2008 | Vanadium | 22 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W15-44 | 5/23/2006 | Vanadium | 23.8 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W15-44 | 8/1/2006 | Vanadium | 25.3 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W15-44 | 11/28/2006 | Vanadium | 24.4 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W15-44 | 11/28/2006 | Vanadium | 22.8 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W15-44 | 2/15/2007 | Vanadium | 22.6 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W15-44 | 2/15/2007 | Vanadium | 22.4 | ug/L | B | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-2 | 299-W15-44 | 11/8/2007 | Vanadium | 22.8 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W15-44 | 11/8/2007 | Vanadium | 23.2 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W15-44 | 10/20/2008 | Vanadium | 25.7 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W15-44 | 10/20/2008 | Vanadium | 21.5 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W15-44 | 2/25/2009 | Vanadium | 18.8 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W15-44 | 2/25/2009 | Vanadium | 25.6 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W14-14 | 2/13/2004 | Vanadium | 24.1 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W14-14 | 5/10/2004 | Vanadium | 22.4 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W14-14 | 10/28/2004 | Vanadium | 21.6 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W14-14 | 2/16/2005 | Vanadium | 23.5 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W14-14 | 5/10/2005 | Vanadium | 24 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W14-14 | 8/16/2005 | Vanadium | 23 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W14-14 | 11/16/2005 | Vanadium | 22.1 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W14-14 | 2/20/2006 | Vanadium | 23 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W14-14 | 2/8/2007 | Vanadium | 24.2 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W14-14 | 6/2/2008 | Vanadium | 23.6 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W14-14 | 6/2/2008 | Vanadium | 22.9 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W14-14 | 8/4/2004 | Vanadium | 29.1 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W14-14 | 8/4/2004 | Vanadium | 28.9 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W14-14 | 5/30/2005 | Vanadium | 24.1 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W14-14 | 8/23/2006 | Vanadium | 22.8 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W14-14 | 11/17/2006 | Vanadium | 24.3 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W14-14 | 5/15/2007 | Vanadium | 23.8 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W14-14 | 8/11/2008 | Vanadium | 20.8 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W14-14 | 8/11/2008 | Vanadium | 24.8 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W14-14 | 10/20/2008 | Vanadium | 18.1 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W14-14 | 10/20/2008 | Vanadium | 15.7 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W14-14 | 1/22/2009 | Vanadium | 22.2 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W14-14 | 1/22/2009 | Vanadium | 23.7 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W14-14 | 4/30/2009 | Vanadium | 18.2 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W14-14 | 4/30/2009 | Vanadium | 19 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W14-15 | 2/17/2004 | Vanadium | 35.9 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W14-15 | 5/10/2004 | Vanadium | 27.6 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W14-15 | 8/18/2004 | Vanadium | 38.4 | ug/L | | Q | 6010_METALS_ICP |
| EW-2 | 299-W14-15 | 10/28/2004 | Vanadium | 27.1 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W14-15 | 5/10/2005 | Vanadium | 28.5 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W14-15 | 8/12/2005 | Vanadium | 27.4 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W14-15 | 11/16/2005 | Vanadium | 23.5 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W14-15 | 2/20/2006 | Vanadium | 25.7 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W14-15 | 2/8/2007 | Vanadium | 25.1 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W14-15 | 2/24/2008 | Vanadium | 22.9 | ug/L | | G | 6010_METALS_ICP |
| EW-2 | 299-W14-15 | 2/24/2008 | Vanadium | 17.1 | ug/L | | G | 6010_METALS_ICP |
| EW-2 | 299-W14-15 | 5/13/2008 | Vanadium | 27.4 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W14-15 | 5/13/2008 | Vanadium | 28.8 | ug/L | | | 6010_METALS_ICP |
| EW-2 | 299-W14-15 | 6/20/2006 | Vanadium | 29.1 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W14-15 | 8/1/2006 | Vanadium | 26.3 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W14-15 | 11/17/2006 | Vanadium | 25 | ug/L | B | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-2 | 299-W14-15 | 5/15/2007 | Vanadium | 24.6 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W14-15 | 8/17/2008 | Vanadium | 25.8 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W14-15 | 10/20/2008 | Vanadium | 19.8 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W14-15 | 10/20/2008 | Vanadium | 23.6 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W14-15 | 1/22/2009 | Vanadium | 32.6 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W14-15 | 1/22/2009 | Vanadium | 32.6 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W14-15 | 4/22/2009 | Vanadium | 18.9 | ug/L | B | | 6010_METALS_ICP |
| EW-2 | 299-W14-15 | 4/22/2009 | Vanadium | 26.9 | ug/L | B | | 6010_METALS_ICP |
| | | | **Maximum** | **38.4** | | | | |
| EW-20 | 299-W19-48 | 12/9/2004 | Lead | 0.214 | ug/L | | | 200.8_METALS_ICPMS |
| | | | **Maximum** | **0.214** | | | | |
| EW-20 | 299-W22-45 | 6/8/2005 | Beryllium | 0.19 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-49 | 9/16/2004 | Beryllium | 0.43 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-49 | 12/7/2004 | Beryllium | 0.39 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-49 | 3/14/2006 | Beryllium | 0.52 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-81 | 9/10/2004 | Beryllium | 0.46 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-81 | 12/6/2004 | Beryllium | 0.42 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-81 | 6/9/2005 | Beryllium | 0.27 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-81 | 6/22/2006 | Beryllium | 0.58 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-85 | 9/10/2004 | Beryllium | 0.47 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-85 | 6/10/2005 | Beryllium | 0.27 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-85 | 6/22/2006 | Beryllium | 0.58 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-19 | 6/15/2004 | Beryllium | 0.46 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-19 | 6/21/2006 | Beryllium | 0.55 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-21 | 6/22/2006 | Beryllium | 0.57 | ug/L | B | | 6010_METALS_ICP |
| | | | **Maximum** | **0.58** | | | | |
| EW-20 | 299-W13-1 | 11/4/2005 | Vanadium | 26.5 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W13-1 | 2/27/2006 | Vanadium | 26.3 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W13-1 | 2/21/2007 | Vanadium | 20.3 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W13-1 | 5/24/2007 | Vanadium | 34.3 | ug/L | | G | 6010_METALS_ICP |
| EW-20 | 299-W13-1 | 8/16/2007 | Vanadium | 28.3 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W13-1 | 5/17/2006 | Vanadium | 24.2 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W13-1 | 8/23/2006 | Vanadium | 24.8 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W13-1 | 11/27/2006 | Vanadium | 27.5 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W13-1 | 11/27/2006 | Vanadium | 26.2 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W13-1 | 6/2/2009 | Vanadium | 15.6 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W13-1 | 6/2/2009 | Vanadium | 25.8 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W13-1 | 6/2/2009 | Vanadium | 27.7 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W13-1 | 6/2/2009 | Vanadium | 17.4 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W19-101 | 11/30/2005 | Vanadium | 23.6 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-101 | 2/28/2006 | Vanadium | 24.3 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-101 | 11/9/2007 | Vanadium | 31.3 | ug/L | | G | 6010_METALS_ICP |
| EW-20 | 299-W19-101 | 11/9/2007 | Vanadium | 30.9 | ug/L | | G | 6010_METALS_ICP |
| EW-20 | 299-W19-101 | 5/25/2006 | Vanadium | 25.7 | ug/L | B | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-20 | 299-W19-105 | 12/10/2007 | Vanadium | 22.7 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-105 | 12/10/2007 | Vanadium | 27 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-105 | 6/4/2008 | Vanadium | 24.4 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-105 | 6/4/2008 | Vanadium | 23.4 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-105 | 10/3/2006 | Vanadium | 24.2 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W19-105 | 11/29/2006 | Vanadium | 26 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W19-105 | 8/26/2008 | Vanadium | 20.9 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W19-105 | 8/26/2008 | Vanadium | 23 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W19-105 | 12/1/2008 | Vanadium | 31.5 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W19-105 | 12/1/2008 | Vanadium | 29.5 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W19-105 | 3/3/2009 | Vanadium | 24.1 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W19-105 | 3/3/2009 | Vanadium | 36.7 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W19-107 | 1/18/2008 | Vanadium | 31.9 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-107 | 1/18/2008 | Vanadium | 15.1 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-107 | 1/18/2008 | Vanadium | 24.6 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-107 | 1/18/2008 | Vanadium | 25.1 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-107 | 3/3/2008 | Vanadium | 37.2 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-107 | 3/3/2008 | Vanadium | 21.7 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-107 | 6/4/2008 | Vanadium | 22.9 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-107 | 6/4/2008 | Vanadium | 23 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-107 | 12/21/2006 | Vanadium | 24.7 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W19-107 | 8/29/2008 | Vanadium | 21.5 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W19-107 | 8/29/2008 | Vanadium | 26.4 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W19-107 | 12/3/2008 | Vanadium | 26.7 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W19-107 | 12/3/2008 | Vanadium | 24.8 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W19-107 | 3/2/2009 | Vanadium | 23.6 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W19-107 | 3/2/2009 | Vanadium | 19.6 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W19-37 | 2/17/2004 | Vanadium | 33.7 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-37 | 8/10/2004 | Vanadium | 27.7 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-37 | 2/23/2005 | Vanadium | 24.7 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-37 | 8/31/2005 | Vanadium | 27 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-37 | 2/28/2006 | Vanadium | 21.3 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-37 | 4/5/2007 | Vanadium | 14.5 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-37 | 3/19/2008 | Vanadium | 19.6 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-37 | 3/19/2008 | Vanadium | 23.7 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-37 | 8/29/2006 | Vanadium | 16.9 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W19-43 | 2/19/2004 | Vanadium | 32 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-43 | 8/31/2005 | Vanadium | 13 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W19-46 | 2/18/2004 | Vanadium | 30.7 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-46 | 9/3/2004 | Vanadium | 29.9 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-46 | 2/23/2005 | Vanadium | 30.2 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-46 | 2/23/2005 | Vanadium | 29.2 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-46 | 8/31/2005 | Vanadium | 29.8 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-46 | 2/27/2006 | Vanadium | 30.4 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-46 | 2/22/2007 | Vanadium | 28.9 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-46 | 3/4/2008 | Vanadium | 30 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-46 | 3/4/2008 | Vanadium | 25.9 | ug/L | | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-20 | 299-W19-46 | 8/30/2006 | Vanadium | 30 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W19-46 | 8/18/2008 | Vanadium | 30 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W19-46 | 8/18/2008 | Vanadium | 22.2 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W19-46 | 3/5/2009 | Vanadium | 26.3 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W19-46 | 3/5/2009 | Vanadium | 28.4 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W19-48 | 11/30/2004 | Vanadium | 15.5 | ug/L | | | 200.8_METALS_ICPMS |
| EW-20 | 299-W19-48 | 12/9/2004 | Vanadium | 5.94 | ug/L | | | 200.8_METALS_ICPMS |
| EW-20 | 299-W19-48 | 12/9/2004 | Vanadium | 5.99 | ug/L | | | 200.8_METALS_ICPMS |
| EW-20 | 299-W19-48 | 12/14/2004 | Vanadium | 3.62 | ug/L | | | 200.8_METALS_ICPMS |
| EW-20 | 299-W19-48 | 12/16/2004 | Vanadium | 24.4 | ug/L | | | 200.8_METALS_ICPMS |
| EW-20 | 299-W19-48 | 2/23/2005 | Vanadium | 23.2 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-48 | 5/25/2005 | Vanadium | 27 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-48 | 8/31/2005 | Vanadium | 25.3 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-49 | 11/30/2005 | Vanadium | 22.4 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-49 | 2/27/2006 | Vanadium | 26.1 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W19-49 | 5/17/2006 | Vanadium | 27.6 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-26 | 8/10/2004 | Vanadium | 27.1 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-26 | 9/2/2005 | Vanadium | 27.5 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-26 | 9/2/2005 | Vanadium | 27.8 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-26 | 3/14/2008 | Vanadium | 24.9 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-26 | 3/14/2008 | Vanadium | 23.6 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-26 | 12/12/2005 | Vanadium | 13.4 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-26 | 6/15/2006 | Vanadium | 10.1 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-26 | 6/15/2006 | Vanadium | 10 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-26 | 8/30/2006 | Vanadium | 12.8 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-26 | 10/25/2006 | Vanadium | 14.8 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-26 | 7/15/2008 | Vanadium | 18.8 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-26 | 7/15/2008 | Vanadium | 17.2 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-26 | 9/15/2008 | Vanadium | 17.7 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-26 | 9/15/2008 | Vanadium | 16.8 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-26 | 1/5/2009 | Vanadium | 24.6 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-26 | 1/5/2009 | Vanadium | 24.4 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-26 | 1/5/2009 | Vanadium | 19.9 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-26 | 1/5/2009 | Vanadium | 18.4 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-26 | 3/26/2009 | Vanadium | 14.4 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-26 | 6/12/2009 | Vanadium | 13.4 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-26 | 6/12/2009 | Vanadium | 13.2 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-45 | 2/5/2004 | Vanadium | 28.7 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-45 | 2/27/2004 | Vanadium | 31.4 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-45 | 6/11/2004 | Vanadium | 32.7 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-45 | 9/14/2004 | Vanadium | 25.1 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-45 | 12/6/2004 | Vanadium | 31.1 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-45 | 3/4/2005 | Vanadium | 24.5 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-45 | 6/8/2005 | Vanadium | 25.4 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-45 | 9/22/2005 | Vanadium | 25 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-45 | 12/30/2005 | Vanadium | 24.3 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-45 | 3/14/2006 | Vanadium | 25 | ug/L | | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-20 | 299-W22-45 | 12/15/2007 | Vanadium | 24.8 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-45 | 12/15/2007 | Vanadium | 17.4 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-45 | 6/10/2008 | Vanadium | 23.1 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-45 | 6/10/2008 | Vanadium | 23.6 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-45 | 6/15/2006 | Vanadium | 19.1 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-45 | 11/17/2006 | Vanadium | 26 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-45 | 1/4/2007 | Vanadium | 28.5 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-45 | 3/23/2007 | Vanadium | 25.3 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-45 | 6/19/2007 | Vanadium | 23.6 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-45 | 9/30/2008 | Vanadium | 25 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-45 | 9/30/2008 | Vanadium | 24.2 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-45 | 9/30/2008 | Vanadium | 23.3 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-45 | 9/30/2008 | Vanadium | 25.5 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-45 | 12/11/2008 | Vanadium | 18.6 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-45 | 12/11/2008 | Vanadium | 28.4 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-45 | 3/11/2009 | Vanadium | 26.3 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-45 | 3/11/2009 | Vanadium | 20.3 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-45 | 6/12/2009 | Vanadium | 22.6 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-45 | 6/12/2009 | Vanadium | 20.3 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-48 | 10/27/2005 | Vanadium | 20.4 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-48 | 3/14/2006 | Vanadium | 20.1 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-48 | 3/23/2007 | Vanadium | 18.7 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-48 | 1/4/2008 | Vanadium | 9.2 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-48 | 1/4/2008 | Vanadium | 16.1 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-48 | 3/17/2008 | Vanadium | 21.6 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-48 | 3/17/2008 | Vanadium | 27.2 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-48 | 6/9/2008 | Vanadium | 22.9 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-48 | 6/9/2008 | Vanadium | 24.2 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-48 | 2/27/2004 | Vanadium | 17.8 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-48 | 6/11/2004 | Vanadium | 18.8 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-48 | 6/11/2004 | Vanadium | 18.6 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-48 | 9/15/2004 | Vanadium | 16.7 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-48 | 9/15/2004 | Vanadium | 15.5 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-48 | 12/7/2004 | Vanadium | 15.2 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-48 | 3/2/2005 | Vanadium | 14.7 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-48 | 6/8/2005 | Vanadium | 15.3 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-48 | 12/14/2005 | Vanadium | 19.4 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-48 | 6/15/2006 | Vanadium | 11.4 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-48 | 10/4/2006 | Vanadium | 17.4 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-48 | 1/26/2007 | Vanadium | 19 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-48 | 6/19/2007 | Vanadium | 20.8 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-48 | 9/4/2008 | Vanadium | 20.6 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-48 | 9/4/2008 | Vanadium | 21.2 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-48 | 12/11/2008 | Vanadium | 19.1 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-48 | 12/11/2008 | Vanadium | 21.1 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-48 | 3/11/2009 | Vanadium | 22.8 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-48 | 3/11/2009 | Vanadium | 14.4 | ug/L | B | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-20 | 299-W22-48 | 6/12/2009 | Vanadium | 21.2 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-48 | 6/12/2009 | Vanadium | 19 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-49 | 3/1/2004 | Vanadium | 31.1 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-49 | 6/10/2004 | Vanadium | 33.6 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-49 | 9/16/2004 | Vanadium | 29 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-49 | 12/7/2004 | Vanadium | 28.5 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-49 | 6/16/2005 | Vanadium | 29 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-49 | 9/23/2005 | Vanadium | 28.3 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-49 | 1/13/2006 | Vanadium | 29.8 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-49 | 3/14/2006 | Vanadium | 28.8 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-49 | 3/26/2007 | Vanadium | 24.1 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-49 | 12/15/2007 | Vanadium | 21.5 | ug/L | | G | 6010_METALS_ICP |
| EW-20 | 299-W22-49 | 12/15/2007 | Vanadium | 24.1 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-49 | 3/17/2008 | Vanadium | 25.8 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-49 | 3/17/2008 | Vanadium | 30.3 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-49 | 6/9/2008 | Vanadium | 26.2 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-49 | 6/9/2008 | Vanadium | 25.9 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-49 | 6/15/2006 | Vanadium | 22 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-49 | 10/27/2006 | Vanadium | 24.1 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-49 | 12/28/2006 | Vanadium | 27.6 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-49 | 6/19/2007 | Vanadium | 13.3 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-49 | 9/4/2008 | Vanadium | 26.9 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-49 | 9/4/2008 | Vanadium | 28 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-49 | 1/6/2009 | Vanadium | 28.9 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-49 | 1/6/2009 | Vanadium | 30.1 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-49 | 3/11/2009 | Vanadium | 29.4 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-49 | 3/11/2009 | Vanadium | 27.5 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-49 | 3/11/2009 | Vanadium | 27.7 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-49 | 3/11/2009 | Vanadium | 29.6 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-49 | 6/12/2009 | Vanadium | 26.1 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-49 | 6/12/2009 | Vanadium | 22.3 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-81 | 1/20/2004 | Vanadium | 26 | ug/L | | Q | 6010_METALS_ICP |
| EW-20 | 299-W22-81 | 1/20/2004 | Vanadium | 30.7 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-81 | 2/27/2004 | Vanadium | 35.3 | ug/L | | Q | 6010_METALS_ICP |
| EW-20 | 299-W22-81 | 6/10/2004 | Vanadium | 33.8 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-81 | 9/10/2004 | Vanadium | 27 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-81 | 12/6/2004 | Vanadium | 32.5 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-81 | 3/2/2005 | Vanadium | 28 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-81 | 6/9/2005 | Vanadium | 28.3 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-81 | 9/23/2005 | Vanadium | 28 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-81 | 12/13/2005 | Vanadium | 26.3 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-81 | 3/15/2006 | Vanadium | 27.6 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-81 | 1/4/2008 | Vanadium | 17.9 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-81 | 1/4/2008 | Vanadium | 16.6 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-81 | 3/14/2008 | Vanadium | 29.3 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-81 | 3/14/2008 | Vanadium | 29.7 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-81 | 6/20/2008 | Vanadium | 18.3 | ug/L | | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-20 | 299-W22-81 | 6/20/2008 | Vanadium | 19.6 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-81 | 6/22/2006 | Vanadium | 38.2 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-81 | 10/25/2006 | Vanadium | 29 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-81 | 12/28/2006 | Vanadium | 27.3 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-81 | 3/26/2007 | Vanadium | 28.5 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-81 | 6/19/2007 | Vanadium | 26.1 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-81 | 9/3/2008 | Vanadium | 24.9 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-81 | 9/3/2008 | Vanadium | 27.9 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-81 | 1/5/2009 | Vanadium | 28.4 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-81 | 1/5/2009 | Vanadium | 29.1 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-81 | 3/12/2009 | Vanadium | 45.5 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-81 | 3/12/2009 | Vanadium | 24.4 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-81 | 6/12/2009 | Vanadium | 20.3 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-81 | 6/12/2009 | Vanadium | 27.2 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-85 | 2/27/2004 | Vanadium | 34.3 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-85 | 6/14/2004 | Vanadium | 36 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-85 | 9/10/2004 | Vanadium | 30.9 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-85 | 12/6/2004 | Vanadium | 33.9 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-85 | 3/4/2005 | Vanadium | 29.5 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-85 | 6/10/2005 | Vanadium | 31 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-85 | 9/23/2005 | Vanadium | 29.5 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-85 | 12/14/2005 | Vanadium | 28.4 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-85 | 3/15/2006 | Vanadium | 29.2 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-85 | 12/15/2007 | Vanadium | 33 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-85 | 12/15/2007 | Vanadium | 24.3 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-85 | 3/24/2008 | Vanadium | 25.2 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-85 | 3/24/2008 | Vanadium | 26.5 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-85 | 6/20/2008 | Vanadium | 25.8 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-85 | 6/20/2008 | Vanadium | 20.5 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W22-85 | 6/22/2006 | Vanadium | 41.7 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-85 | 10/25/2006 | Vanadium | 28.1 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-85 | 1/24/2007 | Vanadium | 30 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-85 | 3/26/2007 | Vanadium | 31 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-85 | 9/3/2008 | Vanadium | 29 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-85 | 9/3/2008 | Vanadium | 29.9 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-85 | 1/5/2009 | Vanadium | 32.5 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-85 | 1/5/2009 | Vanadium | 25.1 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-85 | 3/12/2009 | Vanadium | 18.3 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-85 | 3/12/2009 | Vanadium | 33.7 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-85 | 6/12/2009 | Vanadium | 21.1 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W22-85 | 6/12/2009 | Vanadium | 20.6 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-10 | 2/19/2004 | Vanadium | 16.2 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-10 | 8/11/2004 | Vanadium | 15 | ug/L | B | Q | 6010_METALS_ICP |
| EW-20 | 299-W23-10 | 2/14/2005 | Vanadium | 15.3 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-10 | 2/14/2005 | Vanadium | 13.8 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-10 | 9/6/2005 | Vanadium | 12.5 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-19 | 3/22/2004 | Vanadium | 25.1 | ug/L | | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-20 | 299-W23-19 | 6/15/2004 | Vanadium | 29.3 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W23-19 | 3/9/2005 | Vanadium | 18 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W23-19 | 1/29/2008 | Vanadium | 15.2 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W23-19 | 1/29/2008 | Vanadium | 18.3 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W23-19 | 3/17/2008 | Vanadium | 20.6 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W23-19 | 3/17/2008 | Vanadium | 22.8 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W23-19 | 6/9/2008 | Vanadium | 18.3 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W23-19 | 6/9/2008 | Vanadium | 19.1 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W23-19 | 6/9/2008 | Vanadium | 18.5 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W23-19 | 6/9/2008 | Vanadium | 18.2 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W23-19 | 9/29/2004 | Vanadium | 16.5 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-19 | 12/20/2004 | Vanadium | 17.2 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-19 | 3/9/2005 | Vanadium | 17.9 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-19 | 6/14/2005 | Vanadium | 12.1 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-19 | 6/14/2005 | Vanadium | 12.3 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-19 | 9/27/2005 | Vanadium | 14 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-19 | 12/21/2005 | Vanadium | 17.3 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-19 | 3/29/2006 | Vanadium | 19.1 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-19 | 6/21/2006 | Vanadium | 33.3 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-19 | 9/27/2006 | Vanadium | 25.3 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-19 | 1/19/2007 | Vanadium | 20.1 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-19 | 3/30/2007 | Vanadium | 22.7 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-19 | 3/30/2007 | Vanadium | 22.7 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-19 | 9/16/2008 | Vanadium | 20 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-19 | 9/16/2008 | Vanadium | 19.5 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-19 | 1/6/2009 | Vanadium | 18.2 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-19 | 1/6/2009 | Vanadium | 23.8 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-19 | 4/1/2009 | Vanadium | 17.3 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-19 | 4/1/2009 | Vanadium | 15.7 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-19 | 4/1/2009 | Vanadium | 31.3 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-19 | 4/1/2009 | Vanadium | 17.8 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-21 | 2/9/2004 | Vanadium | 30.7 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W23-21 | 2/26/2004 | Vanadium | 30.9 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W23-21 | 2/26/2004 | Vanadium | 34.3 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W23-21 | 6/10/2004 | Vanadium | 31.7 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W23-21 | 9/13/2004 | Vanadium | 25.2 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W23-21 | 12/6/2004 | Vanadium | 31.3 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W23-21 | 6/8/2005 | Vanadium | 26.8 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W23-21 | 9/23/2005 | Vanadium | 26 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W23-21 | 12/14/2005 | Vanadium | 26.1 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W23-21 | 3/15/2006 | Vanadium | 27.6 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W23-21 | 1/22/2007 | Vanadium | 24.3 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W23-21 | 3/26/2007 | Vanadium | 25 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W23-21 | 3/26/2007 | Vanadium | 20.5 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W23-21 | 6/19/2007 | Vanadium | 26.9 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W23-21 | 9/11/2007 | Vanadium | 29 | ug/L | | GQ | 6010_METALS_ICP |
| EW-20 | 299-W23-21 | 1/16/2008 | Vanadium | 34.1 | ug/L | | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-20 | 299-W23-21 | 1/16/2008 | Vanadium | 23.7 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W23-21 | 3/27/2008 | Vanadium | 25.1 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W23-21 | 3/27/2008 | Vanadium | 26.9 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W23-21 | 6/22/2008 | Vanadium | 24.3 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W23-21 | 6/22/2008 | Vanadium | 19.6 | ug/L | | | 6010_METALS_ICP |
| EW-20 | 299-W23-21 | 3/2/2005 | Vanadium | 27.4 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-21 | 6/22/2006 | Vanadium | 36.7 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-21 | 9/4/2008 | Vanadium | 24.4 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-21 | 9/4/2008 | Vanadium | 24.5 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-21 | 12/17/2008 | Vanadium | 23.3 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-21 | 12/17/2008 | Vanadium | 29.3 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-21 | 3/26/2009 | Vanadium | 20.5 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-21 | 3/26/2009 | Vanadium | 21.9 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-21 | 3/26/2009 | Vanadium | 23.2 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-21 | 3/26/2009 | Vanadium | 13.3 | ug/L | B | | 6010_METALS_ICP |
| EW-20 | 299-W23-9 | 8/10/2004 | Vanadium | 17.9 | ug/L | B | | 6010_METALS_ICP |
| | | | **Maximum** | **45.5** | | | | |
| EW-3 | 299-W10-26 | 11/16/2005 | Beryllium | 0.29 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W10-27 | 10/29/2004 | Beryllium | 0.39 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W10-27 | 11/16/2005 | Beryllium | 0.2 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-11 | 12/7/2005 | Beryllium | 0.46 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-13 | 5/13/2004 | Beryllium | 0.5 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-13 | 8/18/2004 | Beryllium | 0.73 | ug/L | B | Q | 6010_METALS_ICP |
| EW-3 | 299-W14-13 | 11/16/2005 | Beryllium | 0.31 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-16 | 8/19/2004 | Beryllium | 0.51 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-17 | 5/10/2004 | Beryllium | 0.43 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-17 | 8/19/2004 | Beryllium | 0.73 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-17 | 11/16/2005 | Beryllium | 0.31 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-18 | 8/19/2004 | Beryllium | 0.58 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-19 | 8/20/2004 | Beryllium | 0.51 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-6 | 8/18/2004 | Beryllium | 0.44 | ug/L | B | Q | 6010_METALS_ICP |
| EW-3 | 299-W15-41 | 8/19/2004 | Beryllium | 0.73 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-763 | 8/19/2004 | Beryllium | 0.72 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-765 | 8/20/2004 | Beryllium | 0.72 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-765 | 8/20/2004 | Beryllium | 0.65 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-765 | 10/29/2004 | Beryllium | 0.42 | ug/L | B | | 6010_METALS_ICP |
| | | | **Maximum** | **0.73** | | | | |
| EW-3 | 299-W10-26 | 2/13/2004 | Vanadium | 31.8 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W10-26 | 5/10/2004 | Vanadium | 35.6 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W10-26 | 8/16/2004 | Vanadium | 25.1 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W10-26 | 10/29/2004 | Vanadium | 27.3 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W10-26 | 2/8/2005 | Vanadium | 25.3 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W10-26 | 5/10/2005 | Vanadium | 27.6 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W10-26 | 8/16/2005 | Vanadium | 26.6 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W10-26 | 11/16/2005 | Vanadium | 26.8 | ug/L | | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-3 | 299-W10-26 | 2/15/2006 | Vanadium | 27.6 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W10-26 | 2/9/2007 | Vanadium | 30 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W10-26 | 12/5/2007 | Vanadium | 22.1 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W10-26 | 12/5/2007 | Vanadium | 14.1 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W10-26 | 3/4/2008 | Vanadium | 28.8 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W10-26 | 3/4/2008 | Vanadium | 24.5 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W10-26 | 5/19/2008 | Vanadium | 28.6 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W10-26 | 5/19/2008 | Vanadium | 23.9 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W10-26 | 5/22/2006 | Vanadium | 30 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W10-26 | 8/2/2006 | Vanadium | 37.4 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W10-26 | 11/16/2006 | Vanadium | 28.2 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W10-26 | 5/14/2007 | Vanadium | 29.4 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W10-26 | 8/8/2008 | Vanadium | 23.7 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W10-26 | 8/8/2008 | Vanadium | 14.9 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W10-26 | 10/16/2008 | Vanadium | 19.8 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W10-26 | 10/16/2008 | Vanadium | 22.5 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W10-26 | 1/22/2009 | Vanadium | 24.2 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W10-26 | 1/22/2009 | Vanadium | 20.5 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W10-27 | 2/13/2004 | Vanadium | 5.9 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W10-27 | 5/10/2004 | Vanadium | 9.7 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W10-27 | 10/29/2004 | Vanadium | 6.1 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W10-27 | 10/29/2004 | Vanadium | 6.8 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W10-27 | 2/8/2005 | Vanadium | 7 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W10-27 | 5/10/2005 | Vanadium | 9 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W10-27 | 8/12/2005 | Vanadium | 8.1 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W10-27 | 11/16/2005 | Vanadium | 5.9 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W10-27 | 2/13/2006 | Vanadium | 7.1 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W10-27 | 5/16/2006 | Vanadium | 6.5 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W10-27 | 8/2/2006 | Vanadium | 15.3 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W10-27 | 2/9/2007 | Vanadium | 7.2 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W10-27 | 2/9/2007 | Vanadium | 6.2 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-11 | 8/25/2005 | Vanadium | 23.5 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-11 | 2/15/2006 | Vanadium | 25.5 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-11 | 2/15/2007 | Vanadium | 28.3 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-11 | 2/24/2008 | Vanadium | 13.5 | ug/L | | G | 6010_METALS_ICP |
| EW-3 | 299-W14-11 | 2/24/2008 | Vanadium | 19 | ug/L | | G | 6010_METALS_ICP |
| EW-3 | 299-W14-11 | 5/13/2008 | Vanadium | 25.4 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-11 | 5/13/2008 | Vanadium | 23.5 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-11 | 5/19/2005 | Vanadium | 15.3 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-11 | 12/7/2005 | Vanadium | 19.4 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-11 | 5/22/2006 | Vanadium | 25.2 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-11 | 8/4/2006 | Vanadium | 21.6 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-11 | 8/4/2006 | Vanadium | 24.3 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-11 | 11/17/2006 | Vanadium | 26.4 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-11 | 5/14/2007 | Vanadium | 27 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-11 | 8/17/2008 | Vanadium | 20.7 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-11 | 8/17/2008 | Vanadium | 13.9 | ug/L | B | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-3 | 299-W14-11 | 11/18/2008 | Vanadium | 22 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-11 | 11/18/2008 | Vanadium | 29.1 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-11 | 11/18/2008 | Vanadium | 33.7 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-11 | 11/18/2008 | Vanadium | 30.2 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-11 | 1/22/2009 | Vanadium | 22.1 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-11 | 1/22/2009 | Vanadium | 29.9 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-11 | 4/22/2009 | Vanadium | 27.1 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-11 | 4/22/2009 | Vanadium | 23.1 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-13 | 2/18/2004 | Vanadium | 32 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-13 | 5/13/2004 | Vanadium | 24.6 | ug/L | | Q | 6010_METALS_ICP |
| EW-3 | 299-W14-13 | 5/13/2004 | Vanadium | 30.7 | ug/L | | Q | 6010_METALS_ICP |
| EW-3 | 299-W14-13 | 8/18/2004 | Vanadium | 39.1 | ug/L | | Q | 6010_METALS_ICP |
| EW-3 | 299-W14-13 | 2/8/2007 | Vanadium | 20.2 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-13 | 11/20/2007 | Vanadium | 26.2 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-13 | 11/20/2007 | Vanadium | 23.1 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-13 | 2/24/2008 | Vanadium | 10.3 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-13 | 2/24/2008 | Vanadium | 17.4 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-13 | 5/13/2008 | Vanadium | 27 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-13 | 5/13/2008 | Vanadium | 21.4 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-13 | 8/17/2008 | Vanadium | 13.8 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-13 | 10/28/2004 | Vanadium | 18.5 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-13 | 2/8/2005 | Vanadium | 16.1 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-13 | 5/12/2005 | Vanadium | 19.8 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-13 | 5/12/2005 | Vanadium | 18.6 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-13 | 8/12/2005 | Vanadium | 18.7 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-13 | 11/16/2005 | Vanadium | 16.8 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-13 | 2/15/2006 | Vanadium | 18.1 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-13 | 5/12/2006 | Vanadium | 18.4 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-13 | 8/2/2006 | Vanadium | 31.6 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-13 | 11/17/2006 | Vanadium | 19 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-13 | 5/15/2007 | Vanadium | 20.3 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-13 | 10/21/2008 | Vanadium | 10 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-13 | 10/21/2008 | Vanadium | 22.7 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-13 | 1/22/2009 | Vanadium | 25.1 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-13 | 1/22/2009 | Vanadium | 31.5 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-13 | 4/22/2009 | Vanadium | 21.7 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-13 | 4/22/2009 | Vanadium | 33 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-16 | 5/10/2004 | Vanadium | 26.2 | ug/L | | Q | 6010_METALS_ICP |
| EW-3 | 299-W14-16 | 5/10/2004 | Vanadium | 21.1 | ug/L | | Q | 6010_METALS_ICP |
| EW-3 | 299-W14-16 | 5/10/2004 | Vanadium | 21.3 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-16 | 8/19/2004 | Vanadium | 33.9 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-16 | 10/28/2004 | Vanadium | 20.4 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-16 | 8/12/2005 | Vanadium | 20.8 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-16 | 12/1/2005 | Vanadium | 21.2 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-16 | 2/20/2006 | Vanadium | 20.1 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-16 | 2/9/2007 | Vanadium | 20.7 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-16 | 5/9/2007 | Vanadium | 19.2 | ug/L | | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-3 | 299-W14-16 | 2/10/2008 | Vanadium | 16 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-16 | 2/10/2008 | Vanadium | 12 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-16 | 5/10/2004 | Vanadium | 19.9 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-16 | 2/8/2005 | Vanadium | 19.6 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-16 | 5/10/2005 | Vanadium | 19.2 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-16 | 5/18/2006 | Vanadium | 20.9 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-16 | 5/18/2006 | Vanadium | 20.6 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-16 | 8/1/2006 | Vanadium | 21.6 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-16 | 11/17/2006 | Vanadium | 21.7 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-16 | 8/8/2008 | Vanadium | 23.7 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-16 | 8/8/2008 | Vanadium | 21.6 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-16 | 1/7/2009 | Vanadium | 21 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-16 | 1/7/2009 | Vanadium | 22.3 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-16 | 1/28/2009 | Vanadium | 19.5 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-16 | 1/28/2009 | Vanadium | 19 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-16 | 4/27/2009 | Vanadium | 23.1 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-16 | 4/27/2009 | Vanadium | 22 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-17 | 5/10/2004 | Vanadium | 28.1 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-17 | 8/19/2004 | Vanadium | 34.1 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-17 | 10/28/2004 | Vanadium | 20.3 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-17 | 5/11/2005 | Vanadium | 20.3 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-17 | 8/12/2005 | Vanadium | 21.2 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-17 | 2/20/2006 | Vanadium | 21.2 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-17 | 2/9/2007 | Vanadium | 20.9 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-17 | 2/10/2008 | Vanadium | 11.9 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-17 | 2/10/2008 | Vanadium | 16 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-17 | 6/3/2008 | Vanadium | 20.6 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-17 | 6/3/2008 | Vanadium | 19.1 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-17 | 2/8/2005 | Vanadium | 18.7 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-17 | 2/8/2005 | Vanadium | 19.2 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-17 | 11/16/2005 | Vanadium | 19.7 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-17 | 5/18/2006 | Vanadium | 20.6 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-17 | 8/1/2006 | Vanadium | 21.7 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-17 | 11/17/2006 | Vanadium | 19.4 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-17 | 5/9/2007 | Vanadium | 19.8 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-17 | 8/8/2008 | Vanadium | 21.4 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-17 | 8/8/2008 | Vanadium | 25.1 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-17 | 10/20/2008 | Vanadium | 16.2 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-17 | 10/20/2008 | Vanadium | 15.6 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-17 | 1/22/2009 | Vanadium | 21.4 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-17 | 1/22/2009 | Vanadium | 27.5 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-17 | 4/22/2009 | Vanadium | 16.3 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-17 | 4/22/2009 | Vanadium | 21.2 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-18 | 5/10/2004 | Vanadium | 22.4 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-18 | 8/19/2004 | Vanadium | 27.8 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-18 | 2/10/2008 | Vanadium | 14.4 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-18 | 5/18/2008 | Vanadium | 14.8 | ug/L | | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-3 | 299-W14-18 | 5/18/2008 | Vanadium | 16.3 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-18 | 2/18/2004 | Vanadium | 17.5 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-18 | 11/1/2004 | Vanadium | 15.4 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-18 | 2/8/2005 | Vanadium | 15 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-18 | 5/11/2005 | Vanadium | 17.3 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-18 | 8/12/2005 | Vanadium | 16.6 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-18 | 11/17/2005 | Vanadium | 16.7 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-18 | 2/15/2006 | Vanadium | 15.9 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-18 | 5/18/2006 | Vanadium | 15.8 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-18 | 8/1/2006 | Vanadium | 17.4 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-18 | 11/17/2006 | Vanadium | 16.5 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-18 | 2/8/2007 | Vanadium | 16.9 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-18 | 5/9/2007 | Vanadium | 16.4 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-18 | 8/8/2008 | Vanadium | 22.5 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-18 | 8/8/2008 | Vanadium | 22.7 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-18 | 1/28/2009 | Vanadium | 18.1 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-18 | 4/27/2009 | Vanadium | 15.8 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-19 | 2/13/2004 | Vanadium | 23.1 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-19 | 8/20/2004 | Vanadium | 28.2 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-19 | 5/11/2005 | Vanadium | 20.6 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-19 | 8/16/2005 | Vanadium | 21.5 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-19 | 11/17/2005 | Vanadium | 20.4 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-19 | 2/15/2006 | Vanadium | 20.4 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-19 | 2/9/2007 | Vanadium | 23.2 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-19 | 11/8/2007 | Vanadium | 16.7 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-19 | 11/8/2007 | Vanadium | 13.6 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-19 | 2/24/2008 | Vanadium | 11.8 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-19 | 2/24/2008 | Vanadium | 17.4 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-19 | 5/18/2008 | Vanadium | 20.3 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-19 | 5/18/2008 | Vanadium | 19.1 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-19 | 5/10/2004 | Vanadium | 18.8 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-19 | 11/1/2004 | Vanadium | 19.8 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-19 | 2/8/2005 | Vanadium | 19.7 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-19 | 5/30/2006 | Vanadium | 21.4 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-19 | 8/1/2006 | Vanadium | 22.2 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-19 | 12/12/2006 | Vanadium | 22.8 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-19 | 5/9/2007 | Vanadium | 20.4 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-19 | 8/10/2008 | Vanadium | 12.7 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-19 | 10/20/2008 | Vanadium | 15.2 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-19 | 1/22/2009 | Vanadium | 29.5 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-19 | 1/22/2009 | Vanadium | 25.7 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-19 | 4/22/2009 | Vanadium | 22 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-19 | 4/22/2009 | Vanadium | 18.7 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-5 | 2/13/2004 | Vanadium | 17.7 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-6 | 11/20/2007 | Vanadium | 10 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-6 | 11/20/2007 | Vanadium | 18.2 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W14-6 | 5/18/2008 | Vanadium | 9.1 | ug/L | | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-3 | 299-W14-6 | 2/13/2004 | Vanadium | 15.2 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-6 | 5/10/2004 | Vanadium | 11.5 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-6 | 8/18/2004 | Vanadium | 16.3 | ug/L | B | Q | 6010_METALS_ICP |
| EW-3 | 299-W14-6 | 11/1/2004 | Vanadium | 8.8 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-6 | 2/10/2005 | Vanadium | 8.2 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-6 | 5/16/2005 | Vanadium | 6 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-6 | 8/16/2005 | Vanadium | 9.1 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-6 | 11/17/2005 | Vanadium | 7.7 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-6 | 2/15/2006 | Vanadium | 7.6 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-6 | 5/22/2006 | Vanadium | 8.2 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-6 | 8/1/2006 | Vanadium | 7.8 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-6 | 12/6/2006 | Vanadium | 6.8 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-6 | 2/12/2007 | Vanadium | 7.8 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-6 | 5/15/2007 | Vanadium | 7.1 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W14-6 | 10/20/2008 | Vanadium | 10.8 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-224 | 2/6/2008 | Vanadium | 12 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-224 | 2/6/2008 | Vanadium | 19.5 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-224 | 7/20/2006 | Vanadium | 23.9 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-224 | 1/22/2007 | Vanadium | 24.2 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-224 | 8/11/2008 | Vanadium | 20 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-224 | 8/11/2008 | Vanadium | 19.8 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-224 | 2/5/2009 | Vanadium | 25.5 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-224 | 2/5/2009 | Vanadium | 30.5 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-3 | 5/8/2009 | Vanadium | 15.6 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-31A | 11/4/2005 | Vanadium | 24.3 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-31A | 1/13/2006 | Vanadium | 22.7 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-31A | 2/27/2007 | Vanadium | 17.2 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-31A | 5/24/2007 | Vanadium | 27.4 | ug/L | | G | 6010_METALS_ICP |
| EW-3 | 299-W15-31A | 7/24/2006 | Vanadium | 24.7 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-31A | 11/28/2006 | Vanadium | 24.8 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-41 | 2/18/2004 | Vanadium | 31.5 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-41 | 5/10/2004 | Vanadium | 31.5 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-41 | 8/19/2004 | Vanadium | 36.7 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-41 | 10/29/2004 | Vanadium | 25.9 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-41 | 2/10/2005 | Vanadium | 23.8 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-41 | 5/10/2005 | Vanadium | 24.5 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-41 | 10/5/2005 | Vanadium | 25.4 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-41 | 11/17/2005 | Vanadium | 27.1 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-41 | 2/21/2006 | Vanadium | 25 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-41 | 2/21/2006 | Vanadium | 25 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-41 | 2/24/2008 | Vanadium | 23 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-41 | 2/24/2008 | Vanadium | 20.2 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-41 | 5/27/2008 | Vanadium | 20.8 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-41 | 5/27/2008 | Vanadium | 20.7 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-41 | 5/30/2006 | Vanadium | 25.9 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-41 | 8/1/2006 | Vanadium | 24.1 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-41 | 11/28/2006 | Vanadium | 24.2 | ug/L | B | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-3 | 299-W15-41 | 2/15/2007 | Vanadium | 24.1 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-41 | 5/15/2007 | Vanadium | 25 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-41 | 8/11/2008 | Vanadium | 17 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-41 | 8/11/2008 | Vanadium | 22.4 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-41 | 8/11/2008 | Vanadium | 18.7 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-41 | 8/11/2008 | Vanadium | 23.4 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-41 | 10/20/2008 | Vanadium | 30.6 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-41 | 10/20/2008 | Vanadium | 22.7 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-41 | 1/22/2009 | Vanadium | 16.3 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-41 | 1/22/2009 | Vanadium | 26.2 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-41 | 3/3/2009 | Vanadium | 17.7 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-41 | 3/3/2009 | Vanadium | 20.7 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-41 | 3/3/2009 | Vanadium | 15.4 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-41 | 3/3/2009 | Vanadium | 23.5 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-41 | 4/27/2009 | Vanadium | 19.7 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-41 | 4/27/2009 | Vanadium | 15.1 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-763 | 1/20/2004 | Vanadium | 25.6 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-763 | 2/13/2004 | Vanadium | 28.1 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-763 | 5/11/2004 | Vanadium | 24.5 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-763 | 8/19/2004 | Vanadium | 34 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-763 | 11/1/2004 | Vanadium | 23 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-763 | 2/15/2005 | Vanadium | 21.6 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-763 | 8/23/2005 | Vanadium | 20.2 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-763 | 12/6/2007 | Vanadium | 30.9 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-763 | 12/6/2007 | Vanadium | 22.4 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-763 | 12/6/2007 | Vanadium | 26.9 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-763 | 12/6/2007 | Vanadium | 24 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-763 | 3/4/2008 | Vanadium | 16.8 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-763 | 3/4/2008 | Vanadium | 23 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-763 | 5/12/2005 | Vanadium | 19.6 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-763 | 11/17/2005 | Vanadium | 18.6 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-763 | 2/16/2006 | Vanadium | 18.8 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-763 | 5/24/2006 | Vanadium | 17.4 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-763 | 8/2/2006 | Vanadium | 16.6 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-763 | 11/28/2006 | Vanadium | 17.8 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-763 | 2/9/2007 | Vanadium | 18.9 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-763 | 12/6/2007 | Vanadium | 18.8 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-763 | 12/6/2007 | Vanadium | 17.7 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-763 | 7/15/2008 | Vanadium | 19.3 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-763 | 7/15/2008 | Vanadium | 18.2 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-763 | 10/21/2008 | Vanadium | 19 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-763 | 10/21/2008 | Vanadium | 23.3 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-763 | 2/3/2009 | Vanadium | 14.4 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-763 | 2/3/2009 | Vanadium | 25.8 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-763 | 4/27/2009 | Vanadium | 13.4 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-763 | 4/27/2009 | Vanadium | 21.6 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-765 | 2/17/2004 | Vanadium | 28 | ug/L | | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-3 | 299-W15-765 | 5/11/2004 | Vanadium | 25.4 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-765 | 8/20/2004 | Vanadium | 35.5 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-765 | 8/20/2004 | Vanadium | 35.6 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-765 | 10/29/2004 | Vanadium | 22.6 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-765 | 10/29/2004 | Vanadium | 21.3 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-765 | 2/10/2005 | Vanadium | 20.7 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-765 | 5/11/2005 | Vanadium | 23.3 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-765 | 9/29/2005 | Vanadium | 20.2 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-765 | 5/9/2007 | Vanadium | 19.7 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-765 | 5/14/2008 | Vanadium | 15.3 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-765 | 5/14/2008 | Vanadium | 24.2 | ug/L | | | 6010_METALS_ICP |
| EW-3 | 299-W15-765 | 11/17/2005 | Vanadium | 19.3 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-765 | 11/17/2005 | Vanadium | 19.7 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-765 | 2/16/2006 | Vanadium | 18.7 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-765 | 5/24/2006 | Vanadium | 19.3 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-765 | 8/1/2006 | Vanadium | 24 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-765 | 11/30/2006 | Vanadium | 17.6 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-765 | 2/15/2007 | Vanadium | 18.6 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-765 | 12/3/2008 | Vanadium | 23.1 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-765 | 12/3/2008 | Vanadium | 20.6 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-765 | 2/25/2009 | Vanadium | 22.4 | ug/L | B | | 6010_METALS_ICP |
| EW-3 | 299-W15-765 | 2/25/2009 | Vanadium | 22 | ug/L | B | | 6010_METALS_ICP |
| | | | **Maximum** | **39.1** | | | | |
| EW-4 | 299-W10-14 | 3/12/2009 | Lead | 0.228 | ug/L | B | | 200.8_METALS_ICPMS |
| EW-4 | 299-W15-15 | 7/11/2005 | Lead | 0.8 | ug/L | B | | 6020_METALS_ICPMS |
| | | | **Maximum** | **0.8** | | | | |
| EW-4 | 299-W10-14 | 3/17/2004 | Beryllium | 0.96 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W10-14 | 9/9/2004 | Beryllium | 0.46 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W10-14 | 3/16/2005 | Beryllium | 0.45 | ug/L | B | Q | 6010_METALS_ICP |
| EW-4 | 299-W10-14 | 3/14/2006 | Beryllium | 0.72 | ug/L | B | | 6010_METALS_ICP |
| | | | **Maximum** | **0.96** | | | | |
| EW-4 | 299-W10-14 | 3/17/2004 | Vanadium | 38.5 | ug/L | | | 6010_METALS_ICP |
| EW-4 | 299-W10-14 | 9/9/2004 | Vanadium | 33.1 | ug/L | | | 6010_METALS_ICP |
| EW-4 | 299-W10-14 | 3/16/2005 | Vanadium | 40.9 | ug/L | | Q | 6010_METALS_ICP |
| EW-4 | 299-W10-14 | 9/23/2005 | Vanadium | 32.9 | ug/L | | | 6010_METALS_ICP |
| EW-4 | 299-W10-14 | 3/14/2006 | Vanadium | 33.1 | ug/L | | | 6010_METALS_ICP |
| EW-4 | 299-W10-14 | 3/27/2008 | Vanadium | 34.1 | ug/L | | | 6010_METALS_ICP |
| EW-4 | 299-W10-14 | 3/27/2008 | Vanadium | 32.3 | ug/L | | | 6010_METALS_ICP |
| EW-4 | 299-W10-14 | 10/3/2006 | Vanadium | 30.9 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W10-14 | 3/28/2007 | Vanadium | 33.6 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W10-14 | 9/3/2008 | Vanadium | 32.4 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W10-14 | 9/3/2008 | Vanadium | 35.7 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W10-14 | 3/12/2009 | Vanadium | 31.9 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W10-14 | 3/12/2009 | Vanadium | 37 | ug/L | B | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-4 | 299-W10-5 | 8/3/2004 | Vanadium | 12.4 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W10-5 | 9/2/2005 | Vanadium | 17 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W10-5 | 11/3/2006 | Vanadium | 14.5 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W11-13 | 2/17/2004 | Vanadium | 23.9 | ug/L | | | 6010_METALS_ICP |
| EW-4 | 299-W11-13 | 2/17/2004 | Vanadium | 23.8 | ug/L | | | 6010_METALS_ICP |
| EW-4 | 299-W11-13 | 8/4/2004 | Vanadium | 24.6 | ug/L | | | 6010_METALS_ICP |
| EW-4 | 299-W11-13 | 1/19/2007 | Vanadium | 15.2 | ug/L | | | 6010_METALS_ICP |
| EW-4 | 299-W11-13 | 6/25/2007 | Vanadium | 19 | ug/L | | G | 6010_METALS_ICP |
| EW-4 | 299-W11-13 | 12/8/2007 | Vanadium | 8.2 | ug/L | | | 6010_METALS_ICP |
| EW-4 | 299-W11-13 | 12/8/2007 | Vanadium | 16.4 | ug/L | | | 6010_METALS_ICP |
| EW-4 | 299-W11-13 | 6/22/2008 | Vanadium | 12 | ug/L | | | 6010_METALS_ICP |
| EW-4 | 299-W11-13 | 2/15/2005 | Vanadium | 16.7 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W11-13 | 8/25/2005 | Vanadium | 17.4 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W11-13 | 2/20/2006 | Vanadium | 16.6 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W11-13 | 11/3/2006 | Vanadium | 17.3 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W11-13 | 1/6/2009 | Vanadium | 14.1 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W11-13 | 1/6/2009 | Vanadium | 19.1 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W11-34P | 10/29/2008 | Vanadium | 19.7 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W11-34P | 10/29/2008 | Vanadium | 15.1 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W11-34P | 12/17/2008 | Vanadium | 24.7 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W11-34P | 12/17/2008 | Vanadium | 25.3 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W11-34P | 12/17/2008 | Vanadium | 25.8 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W11-34P | 12/17/2008 | Vanadium | 30.4 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W15-15 | 1/13/2004 | Vanadium | 23.3 | ug/L | | | 6010_METALS_ICP |
| EW-4 | 299-W15-15 | 7/21/2004 | Vanadium | 20 | ug/L | | | 6010_METALS_ICP |
| EW-4 | 299-W15-15 | 1/13/2006 | Vanadium | 20.5 | ug/L | | | 6010_METALS_ICP |
| EW-4 | 299-W15-15 | 4/20/2007 | Vanadium | 17.2 | ug/L | | | 6010_METALS_ICP |
| EW-4 | 299-W15-15 | 4/20/2007 | Vanadium | 14.3 | ug/L | | | 6010_METALS_ICP |
| EW-4 | 299-W15-15 | 7/21/2004 | Vanadium | 19.1 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W15-15 | 7/21/2004 | Vanadium | 17.4 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W15-15 | 1/6/2005 | Vanadium | 17.4 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W15-15 | 7/11/2005 | Vanadium | 18.8 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W15-15 | 11/4/2005 | Vanadium | 18.8 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W15-15 | 5/22/2006 | Vanadium | 19.8 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W15-15 | 7/20/2006 | Vanadium | 15.8 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W15-15 | 12/6/2006 | Vanadium | 18 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W15-15 | 1/22/2007 | Vanadium | 19.6 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W15-35 | 1/18/2006 | Vanadium | 23.4 | ug/L | | | 6010_METALS_ICP |
| EW-4 | 299-W15-35 | 1/18/2006 | Vanadium | 22.8 | ug/L | | | 6010_METALS_ICP |
| EW-4 | 299-W15-35 | 2/26/2007 | Vanadium | 21 | ug/L | | | 6010_METALS_ICP |
| EW-4 | 299-W15-35 | 5/24/2007 | Vanadium | 25.6 | ug/L | | G | 6010_METALS_ICP |
| EW-4 | 299-W15-35 | 8/9/2004 | Vanadium | 26.5 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W15-35 | 8/24/2006 | Vanadium | 24.6 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W15-35 | 12/5/2006 | Vanadium | 24.2 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W15-35 | 11/8/2007 | Vanadium | 24.9 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W15-35 | 11/8/2007 | Vanadium | 23.1 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W15-35 | 11/20/2008 | Vanadium | 24.4 | ug/L | B | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-4 | 299-W15-35 | 11/20/2008 | Vanadium | 24.1 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W15-35 | 3/4/2009 | Vanadium | 24.3 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W15-35 | 3/4/2009 | Vanadium | 31.9 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W15-83 | 1/30/2006 | Vanadium | 24.2 | ug/L | | | 6010_METALS_ICP |
| EW-4 | 299-W15-83 | 1/30/2008 | Vanadium | 21.8 | ug/L | | | 6010_METALS_ICP |
| EW-4 | 299-W15-83 | 1/30/2008 | Vanadium | 17.8 | ug/L | | | 6010_METALS_ICP |
| EW-4 | 299-W15-83 | 7/9/2008 | Vanadium | 23.2 | ug/L | | | 6010_METALS_ICP |
| EW-4 | 299-W15-83 | 7/9/2008 | Vanadium | 22.4 | ug/L | | | 6010_METALS_ICP |
| EW-4 | 299-W15-83 | 7/24/2006 | Vanadium | 24.4 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W15-83 | 1/22/2007 | Vanadium | 24.5 | ug/L | B | | 6010_METALS_ICP |
| EW-4 | 299-W15-83 | 2/3/2009 | Vanadium | 20.7 | ug/L | B | G | 6010_METALS_ICP |
| | | | **Maximum** | **40.9** | | | | |
| EW-5 | 299-W11-88 | 12/6/2007 | Lead | 1.26 | ug/L | | | 200.8_METALS_ICPMS |
| EW-5 | 299-W11-88 | 2/6/2008 | Lead | 0.14 | ug/L | | | 200.8_METALS_ICPMS |
| | | | **Maximum** | **1.26** | | | | |
| EW-5 | 299-W11-88 | 6/2/2009 | Vanadium | 20.4 | ug/L | B | | 6010_METALS_ICP |
| EW-5 | 299-W11-88 | 6/2/2009 | Vanadium | 13.9 | ug/L | B | | 6010_METALS_ICP |
| | | | **Maximum** | **20.4** | | | | |
| EW-6 | 299-W10-33 | 7/6/2007 | Lead | 0.129 | ug/L | | | 200.8_METALS_ICPMS |
| EW-6 | 299-W10-33 | 7/10/2007 | Lead | 0.204 | ug/L | | | 200.8_METALS_ICPMS |
| EW-6 | 299-W10-33 | 7/12/2007 | Lead | 0.275 | ug/L | | | 200.8_METALS_ICPMS |
| EW-6 | 299-W10-33 | 7/16/2007 | Lead | 0.717 | ug/L | | | 200.8_METALS_ICPMS |
| EW-6 | 299-W10-33 | 7/24/2007 | Lead | 0.151 | ug/L | | | 200.8_METALS_ICPMS |
| EW-6 | 299-W10-33 | 8/24/2007 | Lead | 0.13 | ug/L | | | 200.8_METALS_ICPMS |
| EW-6 | 299-W10-33 | 8/29/2007 | Lead | 0.172 | ug/L | | | 200.8_METALS_ICPMS |
| | | | **Maximum** | **0.717** | | | | |
| EW-6 | 299-W10-1 | 9/16/2004 | Beryllium | 0.35 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-1 | 9/16/2004 | Beryllium | 0.29 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-1 | 8/10/2005 | Beryllium | 0.24 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-28 | 5/6/2004 | Beryllium | 0.6 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-28 | 8/17/2004 | Beryllium | 0.81 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-4 | 8/10/2005 | Beryllium | 0.37 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-12 | 8/12/2004 | Beryllium | 0.73 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-12 | 8/15/2005 | Beryllium | 0.18 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-40 | 8/10/2005 | Beryllium | 0.26 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-41 | 8/15/2005 | Beryllium | 0.28 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-41 | 11/16/2005 | Beryllium | 0.34 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-41 | 11/16/2005 | Beryllium | 0.34 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-41 | 3/20/2006 | Beryllium | 0.58 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-42 | 8/15/2005 | Beryllium | 0.41 | ug/L | B | | 6010_METALS_ICP |
| | | | **Maximum** | **0.81** | | | | |
| EW-6 | 299-W10-1 | 2/12/2004 | Vanadium | 24.2 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-1 | 9/16/2004 | Vanadium | 23.7 | ug/L | | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-6 | 299-W10-1 | 9/16/2004 | Vanadium | 23.9 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-1 | 10/27/2004 | Vanadium | 24.4 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-1 | 2/4/2005 | Vanadium | 24.3 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-1 | 5/9/2005 | Vanadium | 24.6 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-1 | 8/10/2005 | Vanadium | 24.6 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-1 | 11/4/2005 | Vanadium | 27 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-1 | 11/4/2005 | Vanadium | 25.4 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-1 | 2/13/2006 | Vanadium | 25 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-1 | 2/9/2007 | Vanadium | 21.1 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-1 | 11/20/2007 | Vanadium | 23.4 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-1 | 11/20/2007 | Vanadium | 26.8 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-1 | 5/5/2004 | Vanadium | 14.5 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-1 | 5/11/2006 | Vanadium | 23.8 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-1 | 8/2/2006 | Vanadium | 35 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-1 | 11/17/2006 | Vanadium | 26.7 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-1 | 5/7/2007 | Vanadium | 24.2 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-1 | 4/22/2008 | Vanadium | 26.1 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-1 | 4/22/2008 | Vanadium | 23 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-1 | 2/10/2009 | Vanadium | 17.9 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-1 | 2/10/2009 | Vanadium | 16.4 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-1 | 4/21/2009 | Vanadium | 26.5 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-1 | 4/21/2009 | Vanadium | 28.3 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-28 | 2/12/2004 | Vanadium | 45.1 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-28 | 5/6/2004 | Vanadium | 43 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-28 | 8/17/2004 | Vanadium | 47.3 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-28 | 10/27/2004 | Vanadium | 23.8 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-28 | 2/4/2005 | Vanadium | 24.1 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-28 | 5/9/2005 | Vanadium | 24.6 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-28 | 8/10/2005 | Vanadium | 24.3 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-28 | 11/11/2005 | Vanadium | 26.4 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-28 | 11/11/2005 | Vanadium | 26.1 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-28 | 2/13/2006 | Vanadium | 23.6 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-28 | 12/7/2007 | Vanadium | 15.5 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-28 | 12/7/2007 | Vanadium | 7.8 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-28 | 2/17/2008 | Vanadium | 11.9 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-28 | 2/17/2008 | Vanadium | 22.1 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-28 | 5/11/2006 | Vanadium | 23.2 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-28 | 8/2/2006 | Vanadium | 43 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-28 | 12/14/2006 | Vanadium | 9.8 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-28 | 5/8/2007 | Vanadium | 10.2 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-28 | 1/21/2009 | Vanadium | 22.3 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-28 | 1/21/2009 | Vanadium | 21.8 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-28 | 4/21/2009 | Vanadium | 13.4 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-30 | 3/25/2008 | Vanadium | 26.6 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-30 | 3/25/2008 | Vanadium | 30.2 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-30 | 10/3/2006 | Vanadium | 25.8 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-30 | 3/27/2007 | Vanadium | 26.9 | ug/L | B | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-6 | 299-W10-30 | 9/3/2008 | Vanadium | 28.1 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-30 | 9/3/2008 | Vanadium | 29.4 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-30 | 3/12/2009 | Vanadium | 27.3 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-30 | 3/12/2009 | Vanadium | 26.3 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-33 | 7/6/2007 | Vanadium | 32.3 | ug/L | | | 200.8_METALS_ICPMS |
| EW-6 | 299-W10-33 | 7/10/2007 | Vanadium | 14.9 | ug/L | | | 200.8_METALS_ICPMS |
| EW-6 | 299-W10-33 | 7/11/2007 | Vanadium | 13.2 | ug/L | | | 200.8_METALS_ICPMS |
| EW-6 | 299-W10-33 | 7/12/2007 | Vanadium | 27.4 | ug/L | | | 200.8_METALS_ICPMS |
| EW-6 | 299-W10-33 | 7/16/2007 | Vanadium | 13.6 | ug/L | | | 200.8_METALS_ICPMS |
| EW-6 | 299-W10-33 | 7/17/2007 | Vanadium | 46.7 | ug/L | | | 200.8_METALS_ICPMS |
| EW-6 | 299-W10-33 | 7/17/2007 | Vanadium | 43.2 | ug/L | | | 200.8_METALS_ICPMS |
| EW-6 | 299-W10-33 | 7/24/2007 | Vanadium | 1.53 | ug/L | | | 200.8_METALS_ICPMS |
| EW-6 | 299-W10-33 | 7/27/2007 | Vanadium | 9.44 | ug/L | | | 200.8_METALS_ICPMS |
| EW-6 | 299-W10-33 | 7/31/2007 | Vanadium | 12.7 | ug/L | | | 200.8_METALS_ICPMS |
| EW-6 | 299-W10-33 | 8/1/2007 | Vanadium | 19.7 | ug/L | | | 200.8_METALS_ICPMS |
| EW-6 | 299-W10-33 | 8/2/2007 | Vanadium | 16.9 | ug/L | | | 200.8_METALS_ICPMS |
| EW-6 | 299-W10-33 | 8/2/2007 | Vanadium | 17.6 | ug/L | | | 200.8_METALS_ICPMS |
| EW-6 | 299-W10-33 | 8/3/2007 | Vanadium | 17.4 | ug/L | | | 200.8_METALS_ICPMS |
| EW-6 | 299-W10-33 | 8/6/2007 | Vanadium | 16.8 | ug/L | | | 200.8_METALS_ICPMS |
| EW-6 | 299-W10-33 | 8/8/2007 | Vanadium | 9.95 | ug/L | | | 200.8_METALS_ICPMS |
| EW-6 | 299-W10-33 | 8/13/2007 | Vanadium | 23 | ug/L | | | 200.8_METALS_ICPMS |
| EW-6 | 299-W10-33 | 8/15/2007 | Vanadium | 2.95 | ug/L | | | 200.8_METALS_ICPMS |
| EW-6 | 299-W10-33 | 8/21/2007 | Vanadium | 1.02 | ug/L | | | 200.8_METALS_ICPMS |
| EW-6 | 299-W10-33 | 8/24/2007 | Vanadium | 24 | ug/L | | | 200.8_METALS_ICPMS |
| EW-6 | 299-W10-33 | 8/29/2007 | Vanadium | 28.4 | ug/L | | | 200.8_METALS_ICPMS |
| EW-6 | 299-W10-33 | 12/7/2007 | Vanadium | 11.9 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-33 | 12/7/2007 | Vanadium | 24.7 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-33 | 2/17/2008 | Vanadium | 20.8 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-33 | 2/17/2008 | Vanadium | 24.3 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-33 | 6/2/2008 | Vanadium | 24 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-33 | 6/2/2008 | Vanadium | 23.7 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-33 | 8/17/2008 | Vanadium | 27.3 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-33 | 8/17/2008 | Vanadium | 21.6 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-33 | 10/21/2008 | Vanadium | 24.6 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-33 | 10/21/2008 | Vanadium | 19.9 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-33 | 2/3/2009 | Vanadium | 49.7 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-33 | 2/3/2009 | Vanadium | 43.9 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-33 | 4/22/2009 | Vanadium | 27.4 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-33 | 4/22/2009 | Vanadium | 30.1 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-4 | 2/12/2004 | Vanadium | 36.5 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-4 | 5/6/2004 | Vanadium | 38.1 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-4 | 9/24/2004 | Vanadium | 29.3 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-4 | 10/27/2004 | Vanadium | 29.2 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-4 | 2/7/2005 | Vanadium | 31.8 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-4 | 5/10/2005 | Vanadium | 35.3 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-4 | 8/10/2005 | Vanadium | 32.2 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-4 | 11/18/2005 | Vanadium | 31 | ug/L | | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-6 | 299-W10-4 | 11/18/2005 | Vanadium | 35.1 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-4 | 2/14/2006 | Vanadium | 29.8 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-4 | 2/8/2007 | Vanadium | 33.5 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-4 | 12/5/2007 | Vanadium | 22.8 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-4 | 12/5/2007 | Vanadium | 17.3 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-4 | 2/17/2008 | Vanadium | 33.4 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-4 | 2/17/2008 | Vanadium | 21.9 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-4 | 5/14/2008 | Vanadium | 28.3 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-4 | 5/14/2008 | Vanadium | 31.6 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W10-4 | 5/16/2006 | Vanadium | 32.5 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-4 | 8/22/2006 | Vanadium | 29.2 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-4 | 8/22/2006 | Vanadium | 29.4 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-4 | 11/17/2006 | Vanadium | 26.8 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-4 | 5/14/2007 | Vanadium | 32.7 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-4 | 8/8/2008 | Vanadium | 30.3 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-4 | 8/8/2008 | Vanadium | 40.8 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-4 | 8/8/2008 | Vanadium | 29.8 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-4 | 8/8/2008 | Vanadium | 37.7 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-4 | 10/20/2008 | Vanadium | 29.3 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-4 | 10/20/2008 | Vanadium | 21.5 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-4 | 1/22/2009 | Vanadium | 30 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-4 | 1/22/2009 | Vanadium | 29.1 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-4 | 1/22/2009 | Vanadium | 14.3 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-4 | 1/22/2009 | Vanadium | 23.1 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-4 | 4/21/2009 | Vanadium | 38.4 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W10-4 | 4/21/2009 | Vanadium | 20.1 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-12 | 2/17/2004 | Vanadium | 21.9 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-12 | 2/17/2004 | Vanadium | 21.9 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-12 | 8/12/2004 | Vanadium | 29.9 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-12 | 11/18/2005 | Vanadium | 20.7 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-12 | 3/16/2006 | Vanadium | 21.5 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-12 | 5/13/2008 | Vanadium | 10.2 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-12 | 5/13/2008 | Vanadium | 10.2 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-12 | 5/6/2004 | Vanadium | 16.2 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-12 | 10/26/2004 | Vanadium | 15.6 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-12 | 2/24/2005 | Vanadium | 17.6 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-12 | 5/10/2005 | Vanadium | 17.7 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-12 | 8/15/2005 | Vanadium | 19.4 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-12 | 11/18/2005 | Vanadium | 19.4 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-12 | 5/11/2006 | Vanadium | 17.8 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-12 | 8/2/2006 | Vanadium | 17.1 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-12 | 11/30/2006 | Vanadium | 15.2 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-12 | 2/8/2007 | Vanadium | 16.1 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-12 | 5/8/2007 | Vanadium | 14 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-40 | 1/20/2004 | Vanadium | 35.7 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-40 | 2/17/2004 | Vanadium | 37.2 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-40 | 5/6/2004 | Vanadium | 37.1 | ug/L | | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-6 | 299-W11-40 | 8/16/2004 | Vanadium | 33.6 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-40 | 10/26/2004 | Vanadium | 29 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-40 | 2/7/2005 | Vanadium | 32.8 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-40 | 5/12/2005 | Vanadium | 31 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-40 | 8/10/2005 | Vanadium | 29.3 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-40 | 11/18/2005 | Vanadium | 30.1 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-40 | 11/18/2005 | Vanadium | 29.7 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-40 | 2/20/2006 | Vanadium | 29.3 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-40 | 2/23/2007 | Vanadium | 29.7 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-40 | 11/20/2007 | Vanadium | 28 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-40 | 11/20/2007 | Vanadium | 28.7 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-40 | 2/10/2008 | Vanadium | 10.6 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-40 | 2/10/2008 | Vanadium | 19.1 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-40 | 7/14/2008 | Vanadium | 28.4 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-40 | 7/14/2008 | Vanadium | 20 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-40 | 7/14/2008 | Vanadium | 27.8 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-40 | 7/14/2008 | Vanadium | 24.6 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-40 | 5/16/2006 | Vanadium | 31.3 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-40 | 8/17/2006 | Vanadium | 32.1 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-40 | 11/21/2006 | Vanadium | 28.8 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-40 | 5/8/2007 | Vanadium | 31.8 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-40 | 8/10/2008 | Vanadium | 17 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-40 | 8/10/2008 | Vanadium | 16.8 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-40 | 10/20/2008 | Vanadium | 26 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-40 | 10/20/2008 | Vanadium | 32.3 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-40 | 1/21/2009 | Vanadium | 33.2 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-40 | 1/21/2009 | Vanadium | 32.8 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-40 | 4/27/2009 | Vanadium | 22.1 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-40 | 4/27/2009 | Vanadium | 26.5 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-41 | 2/12/2004 | Vanadium | 25.9 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-41 | 5/6/2004 | Vanadium | 33.6 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-41 | 8/16/2004 | Vanadium | 25.7 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-41 | 10/26/2004 | Vanadium | 21.8 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-41 | 2/7/2005 | Vanadium | 22.8 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-41 | 5/10/2005 | Vanadium | 22.2 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-41 | 8/15/2005 | Vanadium | 22.5 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-41 | 11/16/2005 | Vanadium | 20.1 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-41 | 11/16/2005 | Vanadium | 21.3 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-41 | 3/20/2006 | Vanadium | 21.3 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-41 | 2/23/2007 | Vanadium | 21.7 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-41 | 11/20/2007 | Vanadium | 23.7 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-41 | 11/20/2007 | Vanadium | 16.1 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-41 | 2/10/2008 | Vanadium | 15.5 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-41 | 7/14/2008 | Vanadium | 20.1 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-41 | 5/17/2006 | Vanadium | 22.3 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-41 | 5/17/2006 | Vanadium | 21.8 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-41 | 8/3/2006 | Vanadium | 18.1 | ug/L | B | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-6 | 299-W11-41 | 11/30/2006 | Vanadium | 23.1 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-41 | 5/8/2007 | Vanadium | 23 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-41 | 10/20/2008 | Vanadium | 17.1 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-41 | 10/20/2008 | Vanadium | 20.1 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-41 | 1/21/2009 | Vanadium | 15.6 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-41 | 1/21/2009 | Vanadium | 17.7 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-41 | 4/22/2009 | Vanadium | 20.8 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-41 | 4/22/2009 | Vanadium | 15.9 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-42 | 2/12/2004 | Vanadium | 52.9 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-42 | 5/6/2004 | Vanadium | 54.2 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-42 | 8/16/2004 | Vanadium | 50.7 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-42 | 10/26/2004 | Vanadium | 52 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-42 | 2/8/2005 | Vanadium | 48.3 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-42 | 5/10/2005 | Vanadium | 50.4 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-42 | 8/15/2005 | Vanadium | 50.6 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-42 | 12/30/2005 | Vanadium | 48.1 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-42 | 12/30/2005 | Vanadium | 47.6 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-42 | 2/20/2006 | Vanadium | 49.4 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-42 | 5/12/2006 | Vanadium | 52.4 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-42 | 2/8/2007 | Vanadium | 49.5 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-42 | 5/8/2007 | Vanadium | 51.2 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-42 | 2/10/2008 | Vanadium | 50.5 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-42 | 2/10/2008 | Vanadium | 54 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-42 | 7/14/2008 | Vanadium | 55.6 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-42 | 7/14/2008 | Vanadium | 54.8 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-42 | 7/14/2008 | Vanadium | 56.6 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-42 | 7/14/2008 | Vanadium | 59.4 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-42 | 8/3/2006 | Vanadium | 47.3 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-42 | 11/21/2006 | Vanadium | 49.4 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-42 | 8/17/2008 | Vanadium | 44.2 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-42 | 8/17/2008 | Vanadium | 49.1 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-42 | 10/20/2008 | Vanadium | 57.9 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-42 | 10/20/2008 | Vanadium | 57.7 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-42 | 1/21/2009 | Vanadium | 49.7 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-42 | 1/21/2009 | Vanadium | 54.9 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-42 | 4/27/2009 | Vanadium | 53.4 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-42 | 4/27/2009 | Vanadium | 50.7 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-47 | 5/8/2007 | Vanadium | 16.3 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-47 | 8/16/2007 | Vanadium | 15.3 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-47 | 8/16/2007 | Vanadium | 19.3 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-47 | 7/14/2008 | Vanadium | 17.3 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-47 | 7/14/2008 | Vanadium | 15.3 | ug/L | | | 6010_METALS_ICP |
| EW-6 | 299-W11-47 | 2/21/2006 | Vanadium | 13.7 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-47 | 2/21/2006 | Vanadium | 13.4 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-47 | 3/3/2006 | Vanadium | 16.9 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-47 | 3/8/2006 | Vanadium | 7.2 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-47 | 3/10/2006 | Vanadium | 6.9 | ug/L | B | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-6 | 299-W11-47 | 3/14/2006 | Vanadium | 14.4 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-47 | 5/22/2006 | Vanadium | 12.1 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-47 | 8/3/2006 | Vanadium | 13.4 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-47 | 2/9/2007 | Vanadium | 15.9 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-47 | 8/22/2008 | Vanadium | 17.1 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-47 | 8/22/2008 | Vanadium | 15.4 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-47 | 10/20/2008 | Vanadium | 12.9 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-47 | 10/20/2008 | Vanadium | 19.9 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-47 | 1/22/2009 | Vanadium | 28.7 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-47 | 1/22/2009 | Vanadium | 24.8 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-47 | 4/27/2009 | Vanadium | 18.9 | ug/L | B | | 6010_METALS_ICP |
| EW-6 | 299-W11-47 | 4/27/2009 | Vanadium | 14.9 | ug/L | B | | 6010_METALS_ICP |
| | | | **Maximum** | **59.4** | | | | |
| EW-7 | 299-W11-48 | 4/6/2007 | Lead | 2.69 | ug/L | | | 200.8_METALS_ICPMS |
| EW-7 | 299-W11-48 | 4/10/2007 | Lead | 0.7 | ug/L | | | 200.8_METALS_ICPMS |
| EW-7 | 299-W11-48 | 4/11/2007 | Lead | 0.3 | ug/L | | | 200.8_METALS_ICPMS |
| EW-7 | 299-W11-48 | 4/17/2007 | Lead | 0.34 | ug/L | | | 200.8_METALS_ICPMS |
| EW-7 | 299-W11-48 | 4/25/2007 | Lead | 0.144 | ug/L | | | 200.8_METALS_ICPMS |
| EW-7 | 299-W11-48 | 6/5/2007 | Lead | 0.18 | ug/L | | | 200.8_METALS_ICPMS |
| | | | **Maximum** | **2.69** | | | | |
| EW-7 | 299-W10-20 | 9/9/2004 | Beryllium | 0.34 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-20 | 3/17/2005 | Beryllium | 0.6 | ug/L | B | Q | 6010_METALS_ICP |
| EW-7 | 299-W10-23 | 8/15/2005 | Beryllium | 0.52 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-24 | 8/12/2004 | Beryllium | 0.72 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-24 | 8/15/2005 | Beryllium | 0.32 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-8 | 5/6/2004 | Beryllium | 0.43 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-8 | 8/12/2004 | Beryllium | 0.65 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-8 | 8/10/2005 | Beryllium | 0.22 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-39 | 8/10/2005 | Beryllium | 0.25 | ug/L | B | | 6010_METALS_ICP |
| | | | **Maximum** | **0.72** | | | | |
| EW-7 | 299-W10-20 | 4/27/2004 | Vanadium | 24.4 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-20 | 3/17/2005 | Vanadium | 32.5 | ug/L | | Q | 6010_METALS_ICP |
| EW-7 | 299-W10-20 | 4/27/2004 | Vanadium | 19.1 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-20 | 9/9/2004 | Vanadium | 18.6 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-20 | 9/27/2005 | Vanadium | 17.9 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-20 | 3/16/2006 | Vanadium | 16.6 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-22 | 5/5/2004 | Vanadium | 40.7 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-22 | 5/5/2004 | Vanadium | 40.7 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-22 | 5/5/2004 | Vanadium | 38.9 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-22 | 5/5/2004 | Vanadium | 41.1 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-22 | 10/27/2004 | Vanadium | 35.2 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-22 | 5/9/2005 | Vanadium | 33.6 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-22 | 11/4/2005 | Vanadium | 35.1 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-22 | 11/4/2005 | Vanadium | 32.8 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-22 | 5/7/2007 | Vanadium | 29.9 | ug/L | | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-7 | 299-W10-22 | 10/29/2007 | Vanadium | 50.3 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-22 | 10/29/2007 | Vanadium | 40.3 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-22 | 5/27/2008 | Vanadium | 44.4 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-22 | 5/27/2008 | Vanadium | 37.5 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-22 | 5/27/2008 | Vanadium | 42 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-22 | 5/27/2008 | Vanadium | 39.7 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-22 | 4/27/2009 | Vanadium | 62.6 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-22 | 5/11/2006 | Vanadium | 31 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-22 | 11/16/2006 | Vanadium | 34 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-22 | 10/16/2008 | Vanadium | 32.7 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-22 | 10/16/2008 | Vanadium | 37.4 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-22 | 4/27/2009 | Vanadium | 49.3 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-23 | 2/13/2004 | Vanadium | 41.5 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-23 | 5/5/2004 | Vanadium | 46 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-23 | 10/26/2004 | Vanadium | 43.6 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-23 | 2/7/2005 | Vanadium | 42.7 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-23 | 5/9/2005 | Vanadium | 43.1 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-23 | 8/15/2005 | Vanadium | 44.2 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-23 | 12/1/2005 | Vanadium | 43.3 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-23 | 12/1/2005 | Vanadium | 44 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-23 | 2/15/2006 | Vanadium | 47.1 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-23 | 3/28/2007 | Vanadium | 39.7 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-23 | 11/20/2007 | Vanadium | 42.7 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-23 | 11/20/2007 | Vanadium | 49.4 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-23 | 2/8/2008 | Vanadium | 44 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-23 | 2/8/2008 | Vanadium | 40.1 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-23 | 8/4/2004 | Vanadium | 48.8 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-23 | 5/16/2006 | Vanadium | 47.2 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-23 | 8/2/2006 | Vanadium | 48.8 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-23 | 11/16/2006 | Vanadium | 47.5 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-23 | 5/7/2007 | Vanadium | 48.9 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-23 | 7/15/2008 | Vanadium | 46.4 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-23 | 7/15/2008 | Vanadium | 56.3 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-23 | 8/8/2008 | Vanadium | 41 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-23 | 8/8/2008 | Vanadium | 41.4 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-23 | 10/16/2008 | Vanadium | 37.8 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-23 | 10/16/2008 | Vanadium | 47.6 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-23 | 1/22/2009 | Vanadium | 48.5 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-23 | 1/22/2009 | Vanadium | 59.3 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-24 | 2/13/2004 | Vanadium | 63.2 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-24 | 5/6/2004 | Vanadium | 73.8 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-24 | 8/12/2004 | Vanadium | 77.7 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-24 | 10/26/2004 | Vanadium | 70.2 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-24 | 2/7/2005 | Vanadium | 68.2 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-24 | 5/9/2005 | Vanadium | 71.2 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-24 | 8/15/2005 | Vanadium | 67.9 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-24 | 11/4/2005 | Vanadium | 65.4 | ug/L | | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-7 | 299-W10-24 | 11/4/2005 | Vanadium | 65.8 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-24 | 2/13/2006 | Vanadium | 65.4 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-24 | 5/16/2006 | Vanadium | 65.6 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-24 | 8/2/2006 | Vanadium | 72.2 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-24 | 11/16/2006 | Vanadium | 65.6 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-24 | 2/9/2007 | Vanadium | 64.4 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-24 | 5/7/2007 | Vanadium | 75.5 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-24 | 12/1/2007 | Vanadium | 76.3 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-24 | 12/1/2007 | Vanadium | 69.6 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-24 | 2/8/2008 | Vanadium | 75.4 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-24 | 2/8/2008 | Vanadium | 82.1 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-24 | 7/14/2008 | Vanadium | 89.6 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-24 | 7/14/2008 | Vanadium | 87.1 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-24 | 7/14/2008 | Vanadium | 81 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-24 | 7/14/2008 | Vanadium | 88.7 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-24 | 8/8/2008 | Vanadium | 79.9 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-24 | 8/8/2008 | Vanadium | 80.4 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-24 | 10/16/2008 | Vanadium | 78.4 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-24 | 10/16/2008 | Vanadium | 78.6 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-24 | 1/22/2009 | Vanadium | 88.5 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-24 | 1/22/2009 | Vanadium | 86.4 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-24 | 4/21/2009 | Vanadium | 82.2 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-24 | 4/21/2009 | Vanadium | 83.2 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-29 | 3/25/2008 | Vanadium | 36.9 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-29 | 10/3/2006 | Vanadium | 25.1 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-29 | 3/27/2007 | Vanadium | 27.7 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-29 | 9/3/2008 | Vanadium | 29.6 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-29 | 9/3/2008 | Vanadium | 27.9 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-29 | 3/12/2009 | Vanadium | 21 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-29 | 3/12/2009 | Vanadium | 25.6 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-29 | 3/25/2008 | Vanadium | 28.6 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-31 | 3/27/2008 | Vanadium | 27.7 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-31 | 3/27/2008 | Vanadium | 23.7 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-31 | 10/3/2006 | Vanadium | 26.4 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-31 | 4/13/2007 | Vanadium | 28.8 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-31 | 9/17/2008 | Vanadium | 26.6 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-31 | 9/17/2008 | Vanadium | 26 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-31 | 5/1/2009 | Vanadium | 37.8 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-31 | 5/1/2009 | Vanadium | 33.9 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-8 | 3/9/2004 | Vanadium | 51.1 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-8 | 5/6/2004 | Vanadium | 55.7 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-8 | 8/12/2004 | Vanadium | 61.1 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-8 | 11/3/2004 | Vanadium | 55.4 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-8 | 2/7/2005 | Vanadium | 53.4 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-8 | 6/13/2005 | Vanadium | 48.6 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-8 | 8/10/2005 | Vanadium | 57.3 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-8 | 11/11/2005 | Vanadium | 57.8 | ug/L | | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-7 | 299-W10-8 | 11/11/2005 | Vanadium | 60.8 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-8 | 2/14/2006 | Vanadium | 50.7 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-8 | 5/11/2006 | Vanadium | 54.7 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-8 | 8/2/2006 | Vanadium | 55.8 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-8 | 12/4/2006 | Vanadium | 52 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-8 | 2/8/2007 | Vanadium | 48.8 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-8 | 5/8/2007 | Vanadium | 50.7 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-8 | 12/7/2007 | Vanadium | 44.6 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-8 | 12/7/2007 | Vanadium | 48.4 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-8 | 2/10/2008 | Vanadium | 42.2 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-8 | 5/14/2008 | Vanadium | 51.4 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-8 | 5/14/2008 | Vanadium | 61.4 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-8 | 1/22/2009 | Vanadium | 64.2 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-8 | 1/22/2009 | Vanadium | 60.1 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W10-8 | 8/8/2008 | Vanadium | 47.4 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-8 | 8/8/2008 | Vanadium | 43.3 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-8 | 10/16/2008 | Vanadium | 46.5 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-8 | 10/16/2008 | Vanadium | 52.9 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-8 | 4/21/2009 | Vanadium | 50.2 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W10-8 | 4/21/2009 | Vanadium | 54.8 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-39 | 2/12/2004 | Vanadium | 31.7 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-39 | 5/6/2004 | Vanadium | 32.3 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-39 | 8/16/2004 | Vanadium | 25.8 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-39 | 8/16/2004 | Vanadium | 28.4 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-39 | 10/27/2004 | Vanadium | 28.5 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-39 | 2/11/2005 | Vanadium | 24.2 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-39 | 8/10/2005 | Vanadium | 25.4 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-39 | 8/10/2005 | Vanadium | 24.3 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-39 | 11/20/2007 | Vanadium | 12.9 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-39 | 2/24/2008 | Vanadium | 11.8 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-39 | 2/24/2008 | Vanadium | 13.2 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-39 | 7/14/2008 | Vanadium | 29.2 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-39 | 7/14/2008 | Vanadium | 20.4 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-39 | 7/14/2008 | Vanadium | 28.1 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-39 | 7/14/2008 | Vanadium | 21.4 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-39 | 5/10/2005 | Vanadium | 18.4 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-39 | 11/11/2005 | Vanadium | 14.7 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-39 | 11/11/2005 | Vanadium | 13.9 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-39 | 2/14/2006 | Vanadium | 13.6 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-39 | 5/16/2006 | Vanadium | 14 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-39 | 8/23/2006 | Vanadium | 12.9 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-39 | 11/21/2006 | Vanadium | 12.5 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-39 | 4/13/2007 | Vanadium | 12.6 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-39 | 5/8/2007 | Vanadium | 13.5 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-39 | 10/21/2008 | Vanadium | 18.9 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-39 | 10/21/2008 | Vanadium | 16.9 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-39 | 1/21/2009 | Vanadium | 26.9 | ug/L | B | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-7 | 299-W11-39 | 1/21/2009 | Vanadium | 15.3 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-39 | 4/22/2009 | Vanadium | 21.9 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-39 | 4/22/2009 | Vanadium | 26.7 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-45 | 5/8/2007 | Vanadium | 19.6 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-45 | 8/16/2007 | Vanadium | 20.6 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-45 | 2/17/2008 | Vanadium | 19.4 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-45 | 2/17/2008 | Vanadium | 17.3 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-45 | 7/14/2008 | Vanadium | 23.9 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-45 | 7/14/2008 | Vanadium | 18.8 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-45 | 10/6/2005 | Vanadium | 11.5 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-45 | 10/7/2005 | Vanadium | 8.1 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-45 | 10/7/2005 | Vanadium | 11.4 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-45 | 10/11/2005 | Vanadium | 15.1 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-45 | 10/18/2005 | Vanadium | 8 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-45 | 10/20/2005 | Vanadium | 14.2 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-45 | 10/26/2005 | Vanadium | 10 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-45 | 10/28/2005 | Vanadium | 6 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-45 | 11/1/2005 | Vanadium | 2.2 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-45 | 11/7/2005 | Vanadium | 6.8 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-45 | 4/13/2006 | Vanadium | 14.8 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-45 | 5/16/2006 | Vanadium | 14.6 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-45 | 8/3/2006 | Vanadium | 14.5 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-45 | 11/17/2006 | Vanadium | 18 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-45 | 2/9/2007 | Vanadium | 19.3 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-45 | 11/3/2008 | Vanadium | 34.3 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-45 | 11/3/2008 | Vanadium | 35.8 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-45 | 1/14/2009 | Vanadium | 25.3 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-45 | 1/14/2009 | Vanadium | 25.1 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-45 | 2/25/2009 | Vanadium | 25.6 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-45 | 2/25/2009 | Vanadium | 16.1 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-46 | 8/5/2005 | Vanadium | 44.4 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-46 | 12/30/2005 | Vanadium | 37.3 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-46 | 12/30/2005 | Vanadium | 35.5 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-46 | 2/14/2006 | Vanadium | 37.8 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-46 | 4/13/2007 | Vanadium | 37.6 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-46 | 2/24/2008 | Vanadium | 39.8 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-46 | 2/24/2008 | Vanadium | 41.6 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-46 | 6/9/2008 | Vanadium | 39.4 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-46 | 6/9/2008 | Vanadium | 41 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-46 | 6/9/2008 | Vanadium | 40.5 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-46 | 6/9/2008 | Vanadium | 40.8 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-46 | 5/22/2006 | Vanadium | 37.9 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-46 | 8/3/2006 | Vanadium | 34.7 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-46 | 11/27/2006 | Vanadium | 38.2 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-46 | 5/8/2007 | Vanadium | 34.4 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-46 | 4/24/2008 | Vanadium | 44.5 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-46 | 4/24/2008 | Vanadium | 33.7 | ug/L | B | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-7 | 299-W11-46 | 11/3/2008 | Vanadium | 32.9 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-46 | 11/3/2008 | Vanadium | 32.5 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-46 | 11/20/2008 | Vanadium | 49.9 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-46 | 11/20/2008 | Vanadium | 36 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-46 | 1/21/2009 | Vanadium | 51.5 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-46 | 1/21/2009 | Vanadium | 43.6 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-48 | 4/6/2007 | Vanadium | 34.3 | ug/L | | | 200.8_METALS_ICPMS |
| EW-7 | 299-W11-48 | 4/10/2007 | Vanadium | 32 | ug/L | | | 200.8_METALS_ICPMS |
| EW-7 | 299-W11-48 | 4/11/2007 | Vanadium | 48.1 | ug/L | | | 200.8_METALS_ICPMS |
| EW-7 | 299-W11-48 | 4/13/2007 | Vanadium | 1.52 | ug/L | | | 200.8_METALS_ICPMS |
| EW-7 | 299-W11-48 | 4/17/2007 | Vanadium | 28.4 | ug/L | | | 200.8_METALS_ICPMS |
| EW-7 | 299-W11-48 | 4/25/2007 | Vanadium | 22.8 | ug/L | | | 200.8_METALS_ICPMS |
| EW-7 | 299-W11-48 | 4/25/2007 | Vanadium | 23.4 | ug/L | | | 200.8_METALS_ICPMS |
| EW-7 | 299-W11-48 | 5/16/2007 | Vanadium | 2.78 | ug/L | | | 200.8_METALS_ICPMS |
| EW-7 | 299-W11-48 | 5/17/2007 | Vanadium | 14.8 | ug/L | | | 200.8_METALS_ICPMS |
| EW-7 | 299-W11-48 | 5/21/2007 | Vanadium | 1.26 | ug/L | | | 200.8_METALS_ICPMS |
| EW-7 | 299-W11-48 | 5/22/2007 | Vanadium | 15.2 | ug/L | | | 200.8_METALS_ICPMS |
| EW-7 | 299-W11-48 | 5/23/2007 | Vanadium | 1.4 | ug/L | | | 200.8_METALS_ICPMS |
| EW-7 | 299-W11-48 | 5/23/2007 | Vanadium | 1.42 | ug/L | | | 200.8_METALS_ICPMS |
| EW-7 | 299-W11-48 | 5/25/2007 | Vanadium | 2.79 | ug/L | | | 200.8_METALS_ICPMS |
| EW-7 | 299-W11-48 | 5/25/2007 | Vanadium | 0.495 | ug/L | | | 200.8_METALS_ICPMS |
| EW-7 | 299-W11-48 | 5/29/2007 | Vanadium | 13.6 | ug/L | | | 200.8_METALS_ICPMS |
| EW-7 | 299-W11-48 | 6/1/2007 | Vanadium | 0.375 | ug/L | | | 200.8_METALS_ICPMS |
| EW-7 | 299-W11-48 | 6/5/2007 | Vanadium | 25.9 | ug/L | | | 200.8_METALS_ICPMS |
| EW-7 | 299-W11-48 | 12/6/2007 | Vanadium | 21.6 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-48 | 12/6/2007 | Vanadium | 20.4 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-48 | 3/3/2008 | Vanadium | 26.2 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-48 | 3/3/2008 | Vanadium | 22.5 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-48 | 7/14/2008 | Vanadium | 16.5 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-48 | 7/14/2008 | Vanadium | 21.4 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-48 | 8/17/2008 | Vanadium | 19.3 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-48 | 8/17/2008 | Vanadium | 23.1 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-48 | 11/19/2008 | Vanadium | 21.8 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-48 | 11/19/2008 | Vanadium | 19 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-48 | 11/19/2008 | Vanadium | 21.8 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-48 | 3/3/2009 | Vanadium | 21.5 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-48 | 3/3/2009 | Vanadium | 21.5 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-7 | 5/6/2004 | Vanadium | 28.9 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-7 | 8/6/2004 | Vanadium | 26.2 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-7 | 5/8/2007 | Vanadium | 13.6 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-7 | 1/31/2008 | Vanadium | 16.6 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-7 | 1/31/2008 | Vanadium | 15.7 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-7 | 5/13/2008 | Vanadium | 19.1 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-7 | 5/13/2008 | Vanadium | 20.3 | ug/L | | | 6010_METALS_ICP |
| EW-7 | 299-W11-7 | 10/27/2004 | Vanadium | 18.4 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-7 | 5/12/2005 | Vanadium | 18.6 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-7 | 8/26/2005 | Vanadium | 19.8 | ug/L | B | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-7 | 299-W11-7 | 12/16/2005 | Vanadium | 19.7 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-7 | 12/16/2005 | Vanadium | 19.4 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-7 | 5/12/2006 | Vanadium | 20.6 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-7 | 8/23/2006 | Vanadium | 19.9 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-7 | 12/6/2006 | Vanadium | 19.8 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-7 | 10/20/2008 | Vanadium | 11.3 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-7 | 10/20/2008 | Vanadium | 12 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-7 | 4/22/2009 | Vanadium | 16.9 | ug/L | B | | 6010_METALS_ICP |
| EW-7 | 299-W11-7 | 4/22/2009 | Vanadium | 17.6 | ug/L | B | | 6010_METALS_ICP |
| | | | **Maximum** | **89.6** | | | | |
| EW-8 | 299-W11-14 | 3/31/2004 | Beryllium | 0.43 | ug/L | B | | 6010_METALS_ICP |
| | | | **Maximum** | **0.43** | | | | |
| EW-8 | 299-W11-14 | 3/31/2004 | Vanadium | 28.8 | ug/L | | | 6010_METALS_ICP |
| | | | **Maximum** | **28.8** | | | | |
| EW-9 | 299-W18-21 | 2/6/2008 | Lead | 0.18 | ug/L | | | 200.8_METALS_ICPMS |
| | | | **Maximum** | **0.18** | | | | |
| EW-9 | 299-W18-21 | 1/15/2004 | Beryllium | 0.83 | ug/L | B | | 6010_METALS_ICP |
| EW-9 | 299-W18-23 | 2/2/2006 | Beryllium | 0.7 | ug/L | B | | 6010_METALS_ICP |
| | | | **Maximum** | **0.83** | | | | |
| EW-9 | 299-W15-36 | 1/18/2006 | Vanadium | 28.1 | ug/L | | | 6010_METALS_ICP |
| EW-9 | 299-W15-36 | 2/26/2007 | Vanadium | 25.7 | ug/L | | | 6010_METALS_ICP |
| EW-9 | 299-W15-36 | 12/5/2006 | Vanadium | 29.4 | ug/L | B | | 6010_METALS_ICP |
| EW-9 | 299-W18-16 | 11/22/2004 | Vanadium | 7.24 | ug/L | | | 200.8_METALS_ICPMS |
| EW-9 | 299-W18-16 | 12/1/2004 | Vanadium | 3.17 | ug/L | | | 200.8_METALS_ICPMS |
| EW-9 | 299-W18-16 | 12/9/2004 | Vanadium | 4.98 | ug/L | | | 200.8_METALS_ICPMS |
| EW-9 | 299-W18-16 | 12/9/2004 | Vanadium | 3.61 | ug/L | | | 200.8_METALS_ICPMS |
| EW-9 | 299-W18-21 | 1/15/2004 | Vanadium | 30 | ug/L | | | 6010_METALS_ICP |
| EW-9 | 299-W18-21 | 1/6/2005 | Vanadium | 21.3 | ug/L | | | 6010_METALS_ICP |
| EW-9 | 299-W18-21 | 7/11/2005 | Vanadium | 22.5 | ug/L | | | 6010_METALS_ICP |
| EW-9 | 299-W18-21 | 1/18/2006 | Vanadium | 24.3 | ug/L | | | 6010_METALS_ICP |
| EW-9 | 299-W18-21 | 2/6/2008 | Vanadium | 23.5 | ug/L | | | 6010_METALS_ICP |
| EW-9 | 299-W18-21 | 2/6/2008 | Vanadium | 17.7 | ug/L | | | 6010_METALS_ICP |
| EW-9 | 299-W18-21 | 2/6/2008 | Vanadium | 15.5 | ug/L | | | 6010_METALS_ICP |
| EW-9 | 299-W18-21 | 2/6/2008 | Vanadium | 14.6 | ug/L | | | 6010_METALS_ICP |
| EW-9 | 299-W18-21 | 7/8/2004 | Vanadium | 18.1 | ug/L | B | | 6010_METALS_ICP |
| EW-9 | 299-W18-21 | 7/21/2006 | Vanadium | 24 | ug/L | B | | 6010_METALS_ICP |
| EW-9 | 299-W18-21 | 1/22/2007 | Vanadium | 24.7 | ug/L | B | | 6010_METALS_ICP |
| EW-9 | 299-W18-21 | 8/26/2008 | Vanadium | 28.9 | ug/L | B | | 6010_METALS_ICP |
| EW-9 | 299-W18-21 | 8/26/2008 | Vanadium | 20.6 | ug/L | B | | 6010_METALS_ICP |
| EW-9 | 299-W18-21 | 2/3/2009 | Vanadium | 25.9 | ug/L | B | | 6010_METALS_ICP |
| EW-9 | 299-W18-21 | 2/3/2009 | Vanadium | 18.5 | ug/L | B | | 6010_METALS_ICP |
| EW-9 | 299-W18-21 | 2/3/2009 | Vanadium | 21.1 | ug/L | B | | 6010_METALS_ICP |
| EW-9 | 299-W18-21 | 2/3/2009 | Vanadium | 24.5 | ug/L | B | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| EW-9 | 299-W18-22 | 1/15/2004 | Vanadium | 27.6 | ug/L | | | 6010_METALS_ICP |
| EW-9 | 299-W18-22 | 1/15/2004 | Vanadium | 28.1 | ug/L | | | 6010_METALS_ICP |
| EW-9 | 299-W18-22 | 7/8/2004 | Vanadium | 25.4 | ug/L | | | 6010_METALS_ICP |
| EW-9 | 299-W18-22 | 1/28/2005 | Vanadium | 25.2 | ug/L | | | 6010_METALS_ICP |
| EW-9 | 299-W18-22 | 1/28/2005 | Vanadium | 25.7 | ug/L | | | 6010_METALS_ICP |
| EW-9 | 299-W18-22 | 7/12/2005 | Vanadium | 26.1 | ug/L | | | 6010_METALS_ICP |
| EW-9 | 299-W18-22 | 1/13/2006 | Vanadium | 25.7 | ug/L | | | 6010_METALS_ICP |
| EW-9 | 299-W18-22 | 2/6/2008 | Vanadium | 16.2 | ug/L | | | 6010_METALS_ICP |
| EW-9 | 299-W18-22 | 2/6/2008 | Vanadium | 20 | ug/L | | | 6010_METALS_ICP |
| EW-9 | 299-W18-22 | 7/9/2008 | Vanadium | 20.4 | ug/L | | | 6010_METALS_ICP |
| EW-9 | 299-W18-22 | 7/9/2008 | Vanadium | 25.8 | ug/L | | | 6010_METALS_ICP |
| EW-9 | 299-W18-22 | 7/9/2008 | Vanadium | 23.8 | ug/L | | | 6010_METALS_ICP |
| EW-9 | 299-W18-22 | 7/9/2008 | Vanadium | 26.9 | ug/L | | | 6010_METALS_ICP |
| EW-9 | 299-W18-22 | 7/21/2006 | Vanadium | 27 | ug/L | B | | 6010_METALS_ICP |
| EW-9 | 299-W18-22 | 1/26/2007 | Vanadium | 26 | ug/L | B | | 6010_METALS_ICP |
| EW-9 | 299-W18-22 | 2/3/2009 | Vanadium | 23.2 | ug/L | B | | 6010_METALS_ICP |
| EW-9 | 299-W18-22 | 2/3/2009 | Vanadium | 21.8 | ug/L | B | | 6010_METALS_ICP |
| EW-9 | 299-W18-23 | 1/20/2004 | Vanadium | 28.2 | ug/L | | | 6010_METALS_ICP |
| EW-9 | 299-W18-23 | 7/8/2004 | Vanadium | 27.7 | ug/L | | | 6010_METALS_ICP |
| EW-9 | 299-W18-23 | 1/7/2005 | Vanadium | 22.3 | ug/L | | | 6010_METALS_ICP |
| EW-9 | 299-W18-23 | 7/12/2005 | Vanadium | 25.4 | ug/L | | | 6010_METALS_ICP |
| EW-9 | 299-W18-23 | 2/2/2006 | Vanadium | 25.4 | ug/L | | | 6010_METALS_ICP |
| EW-9 | 299-W18-23 | 2/6/2008 | Vanadium | 18.7 | ug/L | | | 6010_METALS_ICP |
| EW-9 | 299-W18-23 | 2/6/2008 | Vanadium | 14.1 | ug/L | | | 6010_METALS_ICP |
| EW-9 | 299-W18-23 | 2/6/2008 | Vanadium | 17.1 | ug/L | | | 6010_METALS_ICP |
| EW-9 | 299-W18-23 | 2/6/2008 | Vanadium | 15.8 | ug/L | | | 6010_METALS_ICP |
| EW-9 | 299-W18-23 | 7/21/2006 | Vanadium | 25.9 | ug/L | B | | 6010_METALS_ICP |
| EW-9 | 299-W18-23 | 2/12/2007 | Vanadium | 27 | ug/L | B | | 6010_METALS_ICP |
| | | | **Maximum** | **30** | | | | |
| UP-1 | 299-W22-83 | 3/26/2009 | Lead | 0.242 | ug/L | B | | 200.8_METALS_ICPMS |
| UP-1 | 699-35-66A | 9/21/2006 | Lead | 3.3 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-36-67 | 3/19/2004 | Lead | 5.3 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-36-70A | 9/22/2005 | Lead | 37.7 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-36-70A | 9/21/2006 | Lead | 1.5 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-36-70A | 9/21/2006 | Lead | 1.8 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-37-68 | 3/31/2004 | Lead | 2 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-37-68 | 3/31/2004 | Lead | 2 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-37-68 | 3/31/2004 | Lead | 2 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-37-68 | 3/31/2004 | Lead | 2 | ug/L | | | 6010_METALS_ICP |
| | | | **Maximum** | **37.7** | | | | |
| UP-1 | 299-W22-46 | 9/10/2004 | Beryllium | 0.41 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-50 | 9/10/2004 | Beryllium | 0.35 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-50 | 6/9/2005 | Beryllium | 0.25 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-80 | 6/24/2004 | Beryllium | 0.59 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-80 | 6/9/2005 | Beryllium | 0.3 | ug/L | B | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| UP-1 | 299-W22-80 | 6/21/2006 | Beryllium | 0.92 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 2/9/2004 | Beryllium | 0.55 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 6/9/2005 | Beryllium | 0.19 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 3/21/2006 | Beryllium | 0.58 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 6/21/2006 | Beryllium | 0.91 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-86 | 6/22/2006 | Beryllium | 0.58 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 12/8/2004 | Beryllium | 0.31 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 6/9/2005 | Beryllium | 0.24 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 6/21/2006 | Beryllium | 1.8 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 699-36-70A | 3/29/2007 | Beryllium | 0.35 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-37-68 | 9/6/2007 | Beryllium | 0.1 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-38-70C | 8/11/2004 | Beryllium | 0.72 | ug/L | B | Q | 6010_METALS_ICP |
| UP-1 | 699-38-70C | 11/1/2004 | Beryllium | 0.43 | ug/L | B | | 6010_METALS_ICP |
| | | | **Maximum** | **1.8** | | | | |
| UP-1 | 299-W22-46 | 2/27/2004 | Vanadium | 36.2 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-46 | 2/27/2004 | Vanadium | 32.7 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-46 | 6/11/2004 | Vanadium | 34.4 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-46 | 9/10/2004 | Vanadium | 30.2 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-46 | 12/6/2004 | Vanadium | 32.8 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-46 | 3/2/2005 | Vanadium | 28.9 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-47 | 4/14/2005 | Vanadium | 23.4 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-47 | 6/8/2005 | Vanadium | 24.8 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-47 | 9/22/2005 | Vanadium | 24.6 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-47 | 12/14/2005 | Vanadium | 21.4 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-47 | 4/13/2006 | Vanadium | 25.5 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-47 | 12/18/2007 | Vanadium | 24.8 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-47 | 12/18/2007 | Vanadium | 22.6 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-47 | 3/14/2008 | Vanadium | 30.3 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-47 | 3/14/2008 | Vanadium | 25.2 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-47 | 6/10/2008 | Vanadium | 25.1 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-47 | 6/10/2008 | Vanadium | 23.9 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-47 | 6/15/2006 | Vanadium | 20.4 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-47 | 10/25/2006 | Vanadium | 27.3 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-47 | 12/28/2006 | Vanadium | 25.7 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-47 | 3/28/2007 | Vanadium | 27.2 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-47 | 6/18/2007 | Vanadium | 25.1 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-47 | 9/4/2008 | Vanadium | 25.1 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-47 | 9/4/2008 | Vanadium | 27.1 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-47 | 12/11/2008 | Vanadium | 19.2 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-47 | 12/11/2008 | Vanadium | 25.7 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-47 | 3/11/2009 | Vanadium | 23.3 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-47 | 3/11/2009 | Vanadium | 26.4 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-47 | 6/12/2009 | Vanadium | 26.3 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-47 | 6/12/2009 | Vanadium | 23.5 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-50 | 2/27/2004 | Vanadium | 31.2 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-50 | 6/11/2004 | Vanadium | 31.2 | ug/L | | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| UP-1 | 299-W22-50 | 9/10/2004 | Vanadium | 28.1 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-50 | 12/6/2004 | Vanadium | 33.4 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-50 | 3/2/2005 | Vanadium | 27.6 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-50 | 6/9/2005 | Vanadium | 28.7 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-50 | 9/22/2005 | Vanadium | 27.9 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-50 | 12/14/2005 | Vanadium | 27.4 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-50 | 3/14/2006 | Vanadium | 29.4 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-50 | 1/4/2008 | Vanadium | 30.2 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-50 | 1/4/2008 | Vanadium | 17 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-50 | 3/14/2008 | Vanadium | 31 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-50 | 3/14/2008 | Vanadium | 30 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-50 | 8/4/2006 | Vanadium | 26.1 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-50 | 10/4/2006 | Vanadium | 31.8 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-50 | 12/28/2006 | Vanadium | 29.2 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-50 | 3/26/2007 | Vanadium | 30 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-50 | 6/19/2007 | Vanadium | 28.4 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-50 | 7/17/2008 | Vanadium | 34.3 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-50 | 7/17/2008 | Vanadium | 33.6 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-50 | 7/17/2008 | Vanadium | 29.3 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-50 | 7/17/2008 | Vanadium | 30 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-50 | 9/3/2008 | Vanadium | 29.9 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-50 | 9/3/2008 | Vanadium | 29.6 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-50 | 1/6/2009 | Vanadium | 23.8 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-50 | 1/6/2009 | Vanadium | 24.6 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-50 | 3/11/2009 | Vanadium | 24.7 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-50 | 3/11/2009 | Vanadium | 33.5 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-50 | 6/12/2009 | Vanadium | 27 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-50 | 6/12/2009 | Vanadium | 27.3 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-80 | 2/27/2004 | Vanadium | 32.7 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-80 | 6/24/2004 | Vanadium | 36.4 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-80 | 9/10/2004 | Vanadium | 31.3 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-80 | 12/6/2004 | Vanadium | 35 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-80 | 3/4/2005 | Vanadium | 31.6 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-80 | 6/9/2005 | Vanadium | 31.5 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-80 | 9/30/2005 | Vanadium | 31.3 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-80 | 12/30/2005 | Vanadium | 30.7 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-80 | 3/15/2006 | Vanadium | 31.6 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-80 | 12/15/2007 | Vanadium | 36.4 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-80 | 12/15/2007 | Vanadium | 24.6 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-80 | 3/14/2008 | Vanadium | 34.9 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-80 | 3/14/2008 | Vanadium | 34.7 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-80 | 6/10/2008 | Vanadium | 30 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-80 | 6/10/2008 | Vanadium | 29.3 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-80 | 6/21/2006 | Vanadium | 35 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-80 | 10/25/2006 | Vanadium | 30.8 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-80 | 12/28/2006 | Vanadium | 31.8 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-80 | 3/27/2007 | Vanadium | 31.7 | ug/L | B | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| UP-1 | 299-W22-80 | 9/3/2008 | Vanadium | 33.1 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-80 | 9/3/2008 | Vanadium | 29.3 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-80 | 1/5/2009 | Vanadium | 21.2 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-80 | 1/5/2009 | Vanadium | 30.5 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-80 | 3/12/2009 | Vanadium | 23.8 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-80 | 3/12/2009 | Vanadium | 24.1 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-80 | 6/12/2009 | Vanadium | 23.4 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-80 | 6/12/2009 | Vanadium | 25.7 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 2/9/2004 | Vanadium | 31.2 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 2/9/2004 | Vanadium | 32.1 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 3/1/2004 | Vanadium | 24.2 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 6/14/2004 | Vanadium | 32.6 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 9/13/2004 | Vanadium | 23.8 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 12/6/2004 | Vanadium | 29.7 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 6/9/2005 | Vanadium | 25.6 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 9/23/2005 | Vanadium | 25 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 12/13/2005 | Vanadium | 25.8 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 3/21/2006 | Vanadium | 25.7 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 3/21/2006 | Vanadium | 24.6 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 3/26/2007 | Vanadium | 22.6 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 6/19/2007 | Vanadium | 22.7 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 1/30/2008 | Vanadium | 25.8 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 1/30/2008 | Vanadium | 21.1 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 4/29/2008 | Vanadium | 26 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 4/29/2008 | Vanadium | 20.4 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 4/29/2008 | Vanadium | 20.4 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 4/29/2008 | Vanadium | 29.8 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 6/20/2008 | Vanadium | 22.1 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 6/20/2008 | Vanadium | 19.7 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 3/3/2005 | Vanadium | 25 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 3/3/2005 | Vanadium | 24.8 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 6/21/2006 | Vanadium | 27.2 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 10/4/2006 | Vanadium | 24.5 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 9/30/2008 | Vanadium | 25.4 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 9/30/2008 | Vanadium | 27.2 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 12/23/2008 | Vanadium | 28.5 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 12/23/2008 | Vanadium | 20.1 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 3/26/2009 | Vanadium | 33.3 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-83 | 3/26/2009 | Vanadium | 23.1 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-86 | 1/16/2008 | Vanadium | 32.7 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-86 | 1/16/2008 | Vanadium | 34.6 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-86 | 3/24/2008 | Vanadium | 26.1 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-86 | 3/24/2008 | Vanadium | 28 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W22-86 | 6/22/2006 | Vanadium | 41.1 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-86 | 10/4/2006 | Vanadium | 29.9 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-86 | 12/28/2006 | Vanadium | 32.7 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-86 | 3/29/2007 | Vanadium | 33.1 | ug/L | B | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| UP-1 | 299-W22-86 | 6/5/2007 | Vanadium | 30.4 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-86 | 6/18/2007 | Vanadium | 32.2 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-86 | 8/5/2008 | Vanadium | 22.4 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-86 | 8/5/2008 | Vanadium | 24 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-86 | 10/21/2008 | Vanadium | 35 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-86 | 10/21/2008 | Vanadium | 33.7 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-86 | 1/6/2009 | Vanadium | 26.1 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-86 | 1/6/2009 | Vanadium | 29.5 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-86 | 1/6/2009 | Vanadium | 33.8 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-86 | 1/6/2009 | Vanadium | 31.7 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-86 | 3/12/2009 | Vanadium | 34 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-86 | 3/12/2009 | Vanadium | 26.4 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-86 | 6/12/2009 | Vanadium | 26 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W22-86 | 6/12/2009 | Vanadium | 23.1 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 2/27/2004 | Vanadium | 32.9 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 6/14/2004 | Vanadium | 30.8 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 9/16/2004 | Vanadium | 29.5 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 9/16/2004 | Vanadium | 30.6 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 12/8/2004 | Vanadium | 31.3 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 6/9/2005 | Vanadium | 31.4 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 9/27/2005 | Vanadium | 31.6 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 12/14/2005 | Vanadium | 31.5 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 3/21/2006 | Vanadium | 32.1 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 3/28/2007 | Vanadium | 22.7 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 12/15/2007 | Vanadium | 28.5 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 12/15/2007 | Vanadium | 32.2 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 12/15/2007 | Vanadium | 30.1 | ug/L | | G | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 12/15/2007 | Vanadium | 31.5 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 3/27/2008 | Vanadium | 35.2 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 3/27/2008 | Vanadium | 30.3 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 3/27/2008 | Vanadium | 25.5 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 3/27/2008 | Vanadium | 32.5 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 6/22/2008 | Vanadium | 32.4 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 6/22/2008 | Vanadium | 35.4 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 3/2/2005 | Vanadium | 32 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 6/21/2006 | Vanadium | 37.7 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 11/17/2006 | Vanadium | 30.1 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 11/17/2006 | Vanadium | 31.4 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 12/28/2006 | Vanadium | 31 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 6/19/2007 | Vanadium | 30.2 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 9/4/2008 | Vanadium | 31.8 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 9/4/2008 | Vanadium | 30 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 1/5/2009 | Vanadium | 30.7 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 1/5/2009 | Vanadium | 37.8 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 3/12/2009 | Vanadium | 27.7 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W23-15 | 3/12/2009 | Vanadium | 33 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W26-13 | 12/21/2004 | Vanadium | 34.2 | ug/L | | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| UP-1 | 299-W26-13 | 12/21/2005 | Vanadium | 37.9 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W26-13 | 1/17/2008 | Vanadium | 37 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W26-13 | 1/17/2008 | Vanadium | 31 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W26-13 | 1/29/2007 | Vanadium | 34.7 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W26-13 | 1/7/2009 | Vanadium | 36 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W26-13 | 1/7/2009 | Vanadium | 32.7 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W26-14 | 6/16/2004 | Vanadium | 22.1 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W26-14 | 12/14/2004 | Vanadium | 24.4 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W26-14 | 8/1/2005 | Vanadium | 26.2 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W26-14 | 1/3/2006 | Vanadium | 26 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W26-14 | 6/20/2007 | Vanadium | 24.7 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W26-14 | 2/14/2008 | Vanadium | 26.3 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W26-14 | 2/14/2008 | Vanadium | 19.5 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W26-14 | 6/24/2008 | Vanadium | 26.3 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W26-14 | 6/24/2008 | Vanadium | 23.9 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W26-14 | 8/30/2006 | Vanadium | 26.8 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W26-14 | 1/24/2007 | Vanadium | 29.7 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W26-14 | 12/17/2008 | Vanadium | 23.5 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W26-14 | 12/17/2008 | Vanadium | 31.8 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W27-2 | 12/14/2004 | Vanadium | 22.6 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W27-2 | 12/14/2005 | Vanadium | 21.4 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W27-2 | 2/14/2008 | Vanadium | 23.2 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W27-2 | 2/14/2008 | Vanadium | 18.1 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 299-W27-2 | 1/29/2007 | Vanadium | 20.2 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W27-2 | 1/29/2007 | Vanadium | 21.3 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W27-2 | 1/6/2009 | Vanadium | 28.2 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 299-W27-2 | 1/6/2009 | Vanadium | 19.7 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 699-30-66 | 9/9/2004 | Vanadium | 0.911 | ug/L | | | 200.8_METALS_ICPMS |
| UP-1 | 699-30-66 | 9/21/2004 | Vanadium | 2.98 | ug/L | | | 200.8_METALS_ICPMS |
| UP-1 | 699-30-66 | 9/21/2004 | Vanadium | 2.46 | ug/L | | | 200.8_METALS_ICPMS |
| UP-1 | 699-30-66 | 10/5/2004 | Vanadium | 13 | ug/L | | | 200.8_METALS_ICPMS |
| UP-1 | 699-30-66 | 10/12/2004 | Vanadium | 2.98 | ug/L | | | 200.8_METALS_ICPMS |
| UP-1 | 699-30-66 | 2/28/2006 | Vanadium | 20.6 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-30-66 | 11/30/2004 | Vanadium | 12.9 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 699-30-66 | 2/14/2005 | Vanadium | 17.7 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 699-30-66 | 5/23/2005 | Vanadium | 19.6 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 699-30-66 | 10/20/2005 | Vanadium | 19.9 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 699-30-66 | 6/8/2009 | Vanadium | 17.8 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 699-30-66 | 6/8/2009 | Vanadium | 25.7 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 699-32-76 | 7/7/2008 | Vanadium | 28.4 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-32-76 | 7/7/2008 | Vanadium | 27.5 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-32-76 | 11/17/2008 | Vanadium | 34.6 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 699-32-76 | 11/17/2008 | Vanadium | 35.9 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 699-32-76 | 11/17/2008 | Vanadium | 40 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 699-32-76 | 11/17/2008 | Vanadium | 44.8 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 699-32-76 | 2/24/2009 | Vanadium | 24.7 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 699-32-76 | 2/24/2009 | Vanadium | 26.1 | ug/L | B | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| UP-1 | 699-33-74 | 5/27/2008 | Vanadium | 26.2 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-33-74 | 5/27/2008 | Vanadium | 25.4 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-33-75 | 5/27/2008 | Vanadium | 27.3 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-33-75 | 5/27/2008 | Vanadium | 18.2 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-33-75 | 1/27/2009 | Vanadium | 26 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 699-33-75 | 1/27/2009 | Vanadium | 30.5 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 699-33-75 | 2/23/2009 | Vanadium | 27.4 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 699-33-75 | 2/23/2009 | Vanadium | 26.9 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 699-33-75 | 2/23/2009 | Vanadium | 24.9 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 699-33-75 | 2/23/2009 | Vanadium | 20.5 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 699-33-76 | 1/27/2009 | Vanadium | 20 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 699-33-76 | 1/27/2009 | Vanadium | 32.8 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 699-33-76 | 2/23/2009 | Vanadium | 29.6 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 699-33-76 | 2/23/2009 | Vanadium | 27.9 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 699-34-72 | 7/7/2008 | Vanadium | 23.3 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-34-72 | 7/7/2008 | Vanadium | 21.9 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-35-66A | 3/18/2004 | Vanadium | 26.8 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-35-66A | 3/18/2004 | Vanadium | 27 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-35-66A | 3/23/2005 | Vanadium | 25.3 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-35-66A | 3/23/2005 | Vanadium | 25.8 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-35-66A | 3/23/2005 | Vanadium | 27.4 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-35-66A | 3/23/2005 | Vanadium | 26.6 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-35-66A | 10/13/2005 | Vanadium | 28.6 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-35-66A | 10/13/2005 | Vanadium | 25.4 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-35-66A | 3/3/2006 | Vanadium | 27.1 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-35-66A | 3/3/2006 | Vanadium | 27.1 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-35-66A | 3/3/2006 | Vanadium | 25.7 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-35-66A | 3/3/2006 | Vanadium | 25.3 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-35-66A | 3/29/2007 | Vanadium | 27.6 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-35-66A | 3/29/2007 | Vanadium | 30.1 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-35-66A | 3/29/2007 | Vanadium | 27.6 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-35-66A | 9/27/2007 | Vanadium | 28.5 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-35-66A | 9/27/2007 | Vanadium | 29.1 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-35-66A | 3/18/2008 | Vanadium | 28.4 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-35-66A | 3/18/2008 | Vanadium | 27.7 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-35-66A | 9/30/2008 | Vanadium | 28.9 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-35-66A | 9/30/2008 | Vanadium | 28.2 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-36-66B | 3/18/2008 | Vanadium | 21.8 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-36-66B | 3/18/2008 | Vanadium | 22.1 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-36-66B | 6/10/2008 | Vanadium | 24.4 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-36-66B | 6/10/2008 | Vanadium | 25 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-36-66B | 9/30/2008 | Vanadium | 24.3 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-36-66B | 9/30/2008 | Vanadium | 24.5 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-36-66B | 9/30/2008 | Vanadium | 23.7 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-36-66B | 9/30/2008 | Vanadium | 23.9 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-36-67 | 3/19/2004 | Vanadium | 26.2 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-36-67 | 3/19/2004 | Vanadium | 24.9 | ug/L | | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| UP-1 | 699-36-67 | 9/15/2004 | Vanadium | 25.2 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-36-67 | 3/23/2005 | Vanadium | 25.1 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-36-67 | 3/23/2005 | Vanadium | 25.8 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-36-67 | 9/22/2005 | Vanadium | 24.4 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-36-67 | 9/22/2005 | Vanadium | 21.5 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-36-67 | 3/3/2006 | Vanadium | 25.2 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-36-67 | 3/3/2006 | Vanadium | 24.9 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-36-67 | 3/29/2007 | Vanadium | 26.2 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-36-67 | 3/29/2007 | Vanadium | 25.1 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-36-67 | 9/6/2007 | Vanadium | 24.4 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-36-67 | 9/6/2007 | Vanadium | 23.8 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-36-67 | 9/6/2007 | Vanadium | 23.6 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-36-67 | 9/6/2007 | Vanadium | 24.6 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-36-70A | 3/18/2004 | Vanadium | 24.6 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-36-70A | 3/18/2004 | Vanadium | 26.8 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-36-70A | 9/15/2004 | Vanadium | 26.1 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-36-70A | 12/13/2004 | Vanadium | 25.7 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-36-70A | 3/23/2005 | Vanadium | 27.1 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-36-70A | 3/23/2005 | Vanadium | 25.9 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-36-70A | 9/22/2005 | Vanadium | 24.9 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-36-70A | 9/22/2005 | Vanadium | 27.9 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-36-70A | 1/3/2006 | Vanadium | 25.8 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-36-70A | 3/3/2006 | Vanadium | 26.4 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-36-70A | 3/3/2006 | Vanadium | 26.8 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-36-70A | 3/29/2007 | Vanadium | 27.9 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-36-70A | 3/29/2007 | Vanadium | 21.1 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-36-70A | 3/29/2007 | Vanadium | 27.9 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-36-70A | 3/29/2007 | Vanadium | 27.6 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-36-70A | 9/16/2007 | Vanadium | 28.8 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-36-70A | 9/16/2007 | Vanadium | 29.1 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-36-70A | 3/18/2008 | Vanadium | 29.4 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-36-70A | 3/18/2008 | Vanadium | 28.8 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-36-70A | 3/18/2008 | Vanadium | 29 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-36-70A | 3/18/2008 | Vanadium | 29.7 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-36-70A | 9/30/2008 | Vanadium | 30.2 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-36-70A | 9/30/2008 | Vanadium | 30.2 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-36-70A | 1/12/2007 | Vanadium | 31.1 | ug/L | B | | 6010_METALS_ICP |
| UP-1 | 699-37-66 | 3/18/2008 | Vanadium | 23.2 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-37-66 | 3/18/2008 | Vanadium | 23.1 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-37-66 | 6/10/2008 | Vanadium | 26.1 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-37-66 | 6/10/2008 | Vanadium | 24.3 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-37-66 | 9/30/2008 | Vanadium | 22.6 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-37-66 | 9/30/2008 | Vanadium | 22.9 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-37-68 | 3/31/2004 | Vanadium | 24.2 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-37-68 | 3/31/2004 | Vanadium | 24.2 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-37-68 | 3/31/2004 | Vanadium | 24 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-37-68 | 3/31/2004 | Vanadium | 24 | ug/L | | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| UP-1 | 699-37-68 | 3/31/2004 | Vanadium | 24.6 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-37-68 | 3/31/2004 | Vanadium | 24.7 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-37-68 | 3/31/2004 | Vanadium | 24.6 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-37-68 | 3/31/2004 | Vanadium | 24.7 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-37-68 | 3/24/2005 | Vanadium | 23.3 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-37-68 | 3/24/2005 | Vanadium | 23.5 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-37-68 | 9/22/2005 | Vanadium | 23.4 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-37-68 | 9/22/2005 | Vanadium | 27.4 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-37-68 | 9/22/2005 | Vanadium | 23.9 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-37-68 | 9/22/2005 | Vanadium | 25.3 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-37-68 | 3/3/2006 | Vanadium | 22.9 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-37-68 | 3/3/2006 | Vanadium | 26.5 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-37-68 | 3/29/2007 | Vanadium | 25 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-37-68 | 3/29/2007 | Vanadium | 26.4 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-37-68 | 9/6/2007 | Vanadium | 27.2 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-37-68 | 9/6/2007 | Vanadium | 25.9 | ug/L | | | 6010_METALS_ICP_TR |
| UP-1 | 699-38-70C | 7/8/2004 | Vanadium | 22.6 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-38-70C | 8/11/2004 | Vanadium | 38.4 | ug/L | | Q | 6010_METALS_ICP |
| UP-1 | 699-38-70C | 11/1/2004 | Vanadium | 20.6 | ug/L | | | 6010_METALS_ICP |
| UP-1 | 699-38-70C | 2/14/2005 | Vanadium | 22.5 | ug/L | | | 6010_METALS_ICP |
| | | | **Maximum** | **44.8** | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| ZP-1 | 299-W15-765 | 2/17/2004 | Vanadium | 28 | ug/L | | | 6010_METALS_ICP |
| ZP-1 | 299-W15-765 | 5/11/2004 | Vanadium | 25.4 | ug/L | | | 6010_METALS_ICP |
| ZP-1 | 299-W15-765 | 8/20/2004 | Vanadium | 35.5 | ug/L | | | 6010_METALS_ICP |
| ZP-1 | 299-W15-765 | 8/20/2004 | Vanadium | 35.6 | ug/L | | | 6010_METALS_ICP |
| ZP-1 | 299-W15-765 | 10/29/2004 | Vanadium | 22.6 | ug/L | | | 6010_METALS_ICP |
| ZP-1 | 299-W15-765 | 10/29/2004 | Vanadium | 21.3 | ug/L | | | 6010_METALS_ICP |
| ZP-1 | 299-W15-765 | 2/10/2005 | Vanadium | 20.7 | ug/L | | | 6010_METALS_ICP |
| ZP-1 | 299-W15-765 | 5/11/2005 | Vanadium | 23.3 | ug/L | | | 6010_METALS_ICP |
| ZP-1 | 299-W15-765 | 9/29/2005 | Vanadium | 20.2 | ug/L | | | 6010_METALS_ICP |
| ZP-1 | 299-W15-765 | 5/9/2007 | Vanadium | 19.7 | ug/L | | | 6010_METALS_ICP |
| ZP-1 | 299-W15-765 | 5/14/2008 | Vanadium | 15.3 | ug/L | | | 6010_METALS_ICP |
| ZP-1 | 299-W15-765 | 5/14/2008 | Vanadium | 24.2 | ug/L | | | 6010_METALS_ICP |
| ZP-1 | 299-W15-765 | 11/17/2005 | Vanadium | 19.3 | ug/L | B | | 6010_METALS_ICP |
| ZP-1 | 299-W15-765 | 11/17/2005 | Vanadium | 19.7 | ug/L | B | | 6010_METALS_ICP |
| ZP-1 | 299-W15-765 | 2/16/2006 | Vanadium | 18.7 | ug/L | B | | 6010_METALS_ICP |
| ZP-1 | 299-W15-765 | 5/24/2006 | Vanadium | 19.3 | ug/L | B | | 6010_METALS_ICP |
| ZP-1 | 299-W15-765 | 8/1/2006 | Vanadium | 24 | ug/L | B | | 6010_METALS_ICP |
| ZP-1 | 299-W15-765 | 11/30/2006 | Vanadium | 17.6 | ug/L | B | | 6010_METALS_ICP |
| ZP-1 | 299-W15-765 | 2/15/2007 | Vanadium | 18.6 | ug/L | B | | 6010_METALS_ICP |
| ZP-1 | 299-W15-765 | 12/3/2008 | Vanadium | 23.1 | ug/L | B | | 6010_METALS_ICP |
| ZP-1 | 299-W15-765 | 12/3/2008 | Vanadium | 20.6 | ug/L | B | | 6010_METALS_ICP |
| ZP-1 | 299-W15-765 | 2/25/2009 | Vanadium | 22.4 | ug/L | B | | 6010_METALS_ICP |
| ZP-1 | 299-W15-765 | 2/25/2009 | Vanadium | 22 | ug/L | B | | 6010_METALS_ICP |
| | | | **Maximum** | **35.6** | | | | |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| ZP-1 | 299-W15-765 | 8/20/2004 | Beryllium | 0.72 | ug/L | B | | 6010_METALS_ICP |
| ZP-1 | 299-W15-765 | 8/20/2004 | Beryllium | 0.65 | ug/L | B | | 6010_METALS_ICP |
| ZP-1 | 299-W15-765 | 10/29/2004 | Beryllium | 0.42 | ug/L | B | | 6010_METALS_ICP |
| | | | **Maximum** | **0.72** | | | | |
| SXSY | 299-W23-19 | 6/15/2004 | Beryllium | 0.46 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-19 | 6/21/2006 | Beryllium | 0.55 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-44 | 2/5/2004 | Beryllium | 0.55 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-44 | 12/7/2004 | Beryllium | 0.31 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-45 | 6/8/2005 | Beryllium | 0.19 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-46 | 9/10/2004 | Beryllium | 0.41 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-49 | 9/16/2004 | Beryllium | 0.43 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-49 | 12/7/2004 | Beryllium | 0.39 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-49 | 3/14/2006 | Beryllium | 0.52 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-50 | 9/10/2004 | Beryllium | 0.35 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-50 | 6/9/2005 | Beryllium | 0.25 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-80 | 6/24/2004 | Beryllium | 0.59 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-80 | 6/9/2005 | Beryllium | 0.3 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-80 | 6/21/2006 | Beryllium | 0.92 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-81 | 9/10/2004 | Beryllium | 0.46 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-81 | 12/6/2004 | Beryllium | 0.42 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-81 | 6/9/2005 | Beryllium | 0.27 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-81 | 6/22/2006 | Beryllium | 0.58 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-82 | 9/10/2004 | Beryllium | 0.38 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-82 | 6/9/2005 | Beryllium | 0.24 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-82 | 3/16/2006 | Beryllium | 0.52 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-83 | 2/9/2004 | Beryllium | 0.55 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-83 | 6/9/2005 | Beryllium | 0.19 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-83 | 3/21/2006 | Beryllium | 0.58 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-83 | 6/21/2006 | Beryllium | 0.91 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-84 | 9/10/2004 | Beryllium | 0.34 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-85 | 9/10/2004 | Beryllium | 0.47 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-85 | 6/10/2005 | Beryllium | 0.27 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-85 | 6/22/2006 | Beryllium | 0.58 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-86 | 6/22/2006 | Beryllium | 0.58 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-15 | 12/8/2004 | Beryllium | 0.31 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-15 | 6/9/2005 | Beryllium | 0.24 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-15 | 6/21/2006 | Beryllium | 1.8 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-20 | 9/10/2004 | Beryllium | 0.36 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-20 | 12/6/2004 | Beryllium | 0.32 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-21 | 6/22/2006 | Beryllium | 0.57 | ug/L | B | | 6010_METALS_ICP |
| | | | **Maximum** | **1.8** | | | | |
| SXSY | 299-W23-19 | 3/22/2004 | Vanadium | 25.1 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-19 | 6/15/2004 | Vanadium | 29.3 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-19 | 3/9/2005 | Vanadium | 18 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-19 | 1/29/2008 | Vanadium | 15.2 | ug/L | | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| SXSY | 299-W23-19 | 1/29/2008 | Vanadium | 18.3 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-19 | 3/17/2008 | Vanadium | 20.6 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-19 | 3/17/2008 | Vanadium | 22.8 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-19 | 6/9/2008 | Vanadium | 18.3 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-19 | 6/9/2008 | Vanadium | 19.1 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-19 | 6/9/2008 | Vanadium | 18.5 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-19 | 6/9/2008 | Vanadium | 18.2 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-19 | 9/29/2004 | Vanadium | 16.5 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-19 | 12/20/2004 | Vanadium | 17.2 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-19 | 3/9/2005 | Vanadium | 17.9 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-19 | 6/14/2005 | Vanadium | 12.1 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-19 | 6/14/2005 | Vanadium | 12.3 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-19 | 9/27/2005 | Vanadium | 14 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-19 | 12/21/2005 | Vanadium | 17.3 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-19 | 3/29/2006 | Vanadium | 19.1 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-19 | 6/21/2006 | Vanadium | 33.3 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-19 | 9/27/2006 | Vanadium | 25.3 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-19 | 1/19/2007 | Vanadium | 20.1 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-19 | 3/30/2007 | Vanadium | 22.7 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-19 | 3/30/2007 | Vanadium | 22.7 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-19 | 9/16/2008 | Vanadium | 20 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-19 | 9/16/2008 | Vanadium | 19.5 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-19 | 1/6/2009 | Vanadium | 18.2 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-19 | 1/6/2009 | Vanadium | 23.8 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-19 | 4/1/2009 | Vanadium | 17.3 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-19 | 4/1/2009 | Vanadium | 15.7 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-19 | 4/1/2009 | Vanadium | 31.3 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-19 | 4/1/2009 | Vanadium | 17.8 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-44 | 2/5/2004 | Vanadium | 31.7 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-44 | 3/1/2004 | Vanadium | 24.2 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-44 | 6/11/2004 | Vanadium | 30.7 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-44 | 9/14/2004 | Vanadium | 25.1 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-44 | 12/7/2004 | Vanadium | 25.2 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-44 | 3/2/2005 | Vanadium | 25.9 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-44 | 3/2/2005 | Vanadium | 26.5 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-44 | 3/2/2005 | Vanadium | 26.5 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-44 | 7/7/2005 | Vanadium | 25 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-44 | 9/22/2005 | Vanadium | 25.8 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-44 | 12/20/2005 | Vanadium | 27.8 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-44 | 3/14/2006 | Vanadium | 26.2 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-44 | 12/8/2007 | Vanadium | 24.4 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-44 | 12/8/2007 | Vanadium | 17.2 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-44 | 3/14/2008 | Vanadium | 19.4 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-44 | 3/14/2008 | Vanadium | 26.9 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-44 | 6/10/2008 | Vanadium | 18.3 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-44 | 6/10/2008 | Vanadium | 18.5 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-44 | 6/15/2006 | Vanadium | 18 | ug/L | B | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| SXSY | 299-W22-44 | 10/27/2006 | Vanadium | 24.2 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-44 | 1/4/2007 | Vanadium | 24.6 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-44 | 3/23/2007 | Vanadium | 22.9 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-44 | 6/19/2007 | Vanadium | 21.5 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-44 | 9/4/2008 | Vanadium | 19.3 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-44 | 9/4/2008 | Vanadium | 18.2 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-44 | 12/11/2008 | Vanadium | 21.5 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-44 | 3/11/2009 | Vanadium | 17.2 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-44 | 3/11/2009 | Vanadium | 14.4 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-46 | 2/27/2004 | Vanadium | 36.2 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-46 | 2/27/2004 | Vanadium | 32.7 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-46 | 6/11/2004 | Vanadium | 34.4 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-46 | 9/10/2004 | Vanadium | 30.2 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-46 | 12/6/2004 | Vanadium | 32.8 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-46 | 3/2/2005 | Vanadium | 28.9 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-47 | 4/14/2005 | Vanadium | 23.4 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-47 | 6/8/2005 | Vanadium | 24.8 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-47 | 9/22/2005 | Vanadium | 24.6 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-47 | 12/14/2005 | Vanadium | 21.4 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-47 | 4/13/2006 | Vanadium | 25.5 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-47 | 12/18/2007 | Vanadium | 24.8 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-47 | 12/18/2007 | Vanadium | 22.6 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-47 | 3/14/2008 | Vanadium | 30.3 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-47 | 3/14/2008 | Vanadium | 25.2 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-47 | 6/10/2008 | Vanadium | 25.1 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-47 | 6/10/2008 | Vanadium | 23.9 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-47 | 6/15/2006 | Vanadium | 20.4 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-47 | 10/25/2006 | Vanadium | 27.3 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-47 | 12/28/2006 | Vanadium | 25.7 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-47 | 3/28/2007 | Vanadium | 27.2 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-47 | 6/18/2007 | Vanadium | 25.1 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-47 | 9/4/2008 | Vanadium | 25.1 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-47 | 9/4/2008 | Vanadium | 27.1 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-47 | 12/11/2008 | Vanadium | 19.2 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-47 | 12/11/2008 | Vanadium | 25.7 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-47 | 3/11/2009 | Vanadium | 23.3 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-47 | 3/11/2009 | Vanadium | 26.4 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-47 | 6/12/2009 | Vanadium | 26.3 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-47 | 6/12/2009 | Vanadium | 23.5 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-48 | 10/27/2005 | Vanadium | 20.4 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-48 | 3/14/2006 | Vanadium | 20.1 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-48 | 3/23/2007 | Vanadium | 18.7 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-48 | 1/4/2008 | Vanadium | 9.2 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-48 | 1/4/2008 | Vanadium | 16.1 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-48 | 3/17/2008 | Vanadium | 21.6 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-48 | 3/17/2008 | Vanadium | 27.2 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-48 | 6/9/2008 | Vanadium | 22.9 | ug/L | | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| SXSY | 299-W22-48 | 6/9/2008 | Vanadium | 24.2 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-48 | 2/27/2004 | Vanadium | 17.8 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-48 | 6/11/2004 | Vanadium | 18.8 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-48 | 6/11/2004 | Vanadium | 18.6 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-48 | 9/15/2004 | Vanadium | 16.7 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-48 | 9/15/2004 | Vanadium | 15.5 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-48 | 12/7/2004 | Vanadium | 15.2 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-48 | 3/2/2005 | Vanadium | 14.7 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-48 | 6/8/2005 | Vanadium | 15.3 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-48 | 12/14/2005 | Vanadium | 19.4 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-48 | 6/15/2006 | Vanadium | 11.4 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-48 | 10/4/2006 | Vanadium | 17.4 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-48 | 1/26/2007 | Vanadium | 19 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-48 | 6/19/2007 | Vanadium | 20.8 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-48 | 9/4/2008 | Vanadium | 20.6 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-48 | 9/4/2008 | Vanadium | 21.2 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-48 | 12/11/2008 | Vanadium | 19.1 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-48 | 12/11/2008 | Vanadium | 21.1 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-48 | 3/11/2009 | Vanadium | 22.8 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-48 | 3/11/2009 | Vanadium | 14.4 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-48 | 6/12/2009 | Vanadium | 21.2 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-48 | 6/12/2009 | Vanadium | 19 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-49 | 3/1/2004 | Vanadium | 31.1 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-49 | 6/10/2004 | Vanadium | 33.6 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-49 | 9/16/2004 | Vanadium | 29 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-49 | 12/7/2004 | Vanadium | 28.5 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-49 | 6/16/2005 | Vanadium | 29 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-49 | 9/23/2005 | Vanadium | 28.3 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-49 | 1/13/2006 | Vanadium | 29.8 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-49 | 3/14/2006 | Vanadium | 28.8 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-49 | 3/26/2007 | Vanadium | 24.1 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-49 | 12/15/2007 | Vanadium | 21.5 | ug/L | | G | 6010_METALS_ICP |
| SXSY | 299-W22-49 | 12/15/2007 | Vanadium | 24.1 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-49 | 3/17/2008 | Vanadium | 25.8 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-49 | 3/17/2008 | Vanadium | 30.3 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-49 | 6/9/2008 | Vanadium | 26.2 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-49 | 6/9/2008 | Vanadium | 25.9 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-49 | 6/15/2006 | Vanadium | 22 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-49 | 10/27/2006 | Vanadium | 24.1 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-49 | 12/28/2006 | Vanadium | 27.6 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-49 | 6/19/2007 | Vanadium | 13.3 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-49 | 9/4/2008 | Vanadium | 26.9 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-49 | 9/4/2008 | Vanadium | 28 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-49 | 1/6/2009 | Vanadium | 28.9 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-49 | 1/6/2009 | Vanadium | 30.1 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-49 | 3/11/2009 | Vanadium | 29.4 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-49 | 3/11/2009 | Vanadium | 27.5 | ug/L | B | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| SXSY | 299-W22-49 | 3/11/2009 | Vanadium | 27.7 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-49 | 3/11/2009 | Vanadium | 29.6 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-49 | 6/12/2009 | Vanadium | 26.1 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-49 | 6/12/2009 | Vanadium | 22.3 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-50 | 2/27/2004 | Vanadium | 31.2 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-50 | 6/11/2004 | Vanadium | 31.2 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-50 | 9/10/2004 | Vanadium | 28.1 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-50 | 12/6/2004 | Vanadium | 33.4 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-50 | 3/2/2005 | Vanadium | 27.6 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-50 | 6/9/2005 | Vanadium | 28.7 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-50 | 9/22/2005 | Vanadium | 27.9 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-50 | 12/14/2005 | Vanadium | 27.4 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-50 | 3/14/2006 | Vanadium | 29.4 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-50 | 1/4/2008 | Vanadium | 30.2 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-50 | 1/4/2008 | Vanadium | 17 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-50 | 3/14/2008 | Vanadium | 31 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-50 | 3/14/2008 | Vanadium | 30 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-50 | 8/4/2006 | Vanadium | 26.1 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-50 | 10/4/2006 | Vanadium | 31.8 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-50 | 12/28/2006 | Vanadium | 29.2 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-50 | 3/26/2007 | Vanadium | 30 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-50 | 6/19/2007 | Vanadium | 28.4 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-50 | 7/17/2008 | Vanadium | 34.3 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-50 | 7/17/2008 | Vanadium | 33.6 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-50 | 7/17/2008 | Vanadium | 29.3 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-50 | 7/17/2008 | Vanadium | 30 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-50 | 9/3/2008 | Vanadium | 29.9 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-50 | 9/3/2008 | Vanadium | 29.6 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-50 | 1/6/2009 | Vanadium | 23.8 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-50 | 1/6/2009 | Vanadium | 24.6 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-50 | 3/11/2009 | Vanadium | 24.7 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-50 | 3/11/2009 | Vanadium | 33.5 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-50 | 6/12/2009 | Vanadium | 27 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-50 | 6/12/2009 | Vanadium | 27.3 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-80 | 2/27/2004 | Vanadium | 32.7 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-80 | 6/24/2004 | Vanadium | 36.4 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-80 | 9/10/2004 | Vanadium | 31.3 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-80 | 12/6/2004 | Vanadium | 35 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-80 | 3/4/2005 | Vanadium | 31.6 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-80 | 6/9/2005 | Vanadium | 31.5 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-80 | 9/30/2005 | Vanadium | 31.3 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-80 | 12/30/2005 | Vanadium | 30.7 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-80 | 3/15/2006 | Vanadium | 31.6 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-80 | 12/15/2007 | Vanadium | 36.4 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-80 | 12/15/2007 | Vanadium | 24.6 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-80 | 3/14/2008 | Vanadium | 34.9 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-80 | 3/14/2008 | Vanadium | 34.7 | ug/L | | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| SXSY | 299-W22-80 | 6/10/2008 | Vanadium | 30 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-80 | 6/10/2008 | Vanadium | 29.3 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-80 | 6/21/2006 | Vanadium | 35 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-80 | 10/25/2006 | Vanadium | 30.8 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-80 | 12/28/2006 | Vanadium | 31.8 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-80 | 3/27/2007 | Vanadium | 31.7 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-80 | 9/3/2008 | Vanadium | 33.1 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-80 | 9/3/2008 | Vanadium | 29.3 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-80 | 1/5/2009 | Vanadium | 21.2 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-80 | 1/5/2009 | Vanadium | 30.5 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-80 | 3/12/2009 | Vanadium | 23.8 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-80 | 3/12/2009 | Vanadium | 24.1 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-80 | 6/12/2009 | Vanadium | 23.4 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-80 | 6/12/2009 | Vanadium | 25.7 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-81 | 1/20/2004 | Vanadium | 26 | ug/L | | Q | 6010_METALS_ICP |
| SXSY | 299-W22-81 | 1/20/2004 | Vanadium | 30.7 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-81 | 2/27/2004 | Vanadium | 35.3 | ug/L | | Q | 6010_METALS_ICP |
| SXSY | 299-W22-81 | 6/10/2004 | Vanadium | 33.8 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-81 | 9/10/2004 | Vanadium | 27 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-81 | 12/6/2004 | Vanadium | 32.5 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-81 | 3/2/2005 | Vanadium | 28 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-81 | 6/9/2005 | Vanadium | 28.3 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-81 | 9/23/2005 | Vanadium | 28 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-81 | 12/13/2005 | Vanadium | 26.3 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-81 | 3/15/2006 | Vanadium | 27.6 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-81 | 1/4/2008 | Vanadium | 17.9 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-81 | 1/4/2008 | Vanadium | 16.6 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-81 | 3/14/2008 | Vanadium | 29.3 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-81 | 3/14/2008 | Vanadium | 29.7 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-81 | 6/20/2008 | Vanadium | 18.3 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-81 | 6/20/2008 | Vanadium | 19.6 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-81 | 6/22/2006 | Vanadium | 38.2 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-81 | 10/25/2006 | Vanadium | 29 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-81 | 12/28/2006 | Vanadium | 27.3 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-81 | 3/26/2007 | Vanadium | 28.5 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-81 | 6/19/2007 | Vanadium | 26.1 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-81 | 9/3/2008 | Vanadium | 24.9 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-81 | 9/3/2008 | Vanadium | 27.9 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-81 | 1/5/2009 | Vanadium | 28.4 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-81 | 1/5/2009 | Vanadium | 29.1 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-81 | 3/12/2009 | Vanadium | 45.5 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-81 | 3/12/2009 | Vanadium | 24.4 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-81 | 6/12/2009 | Vanadium | 20.3 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-81 | 6/12/2009 | Vanadium | 27.2 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-82 | 2/27/2004 | Vanadium | 27 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-82 | 6/11/2004 | Vanadium | 31.7 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-82 | 9/10/2004 | Vanadium | 25.3 | ug/L | | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| SXSY | 299-W22-82 | 12/6/2004 | Vanadium | 31.7 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-82 | 3/4/2005 | Vanadium | 26.6 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-82 | 3/4/2005 | Vanadium | 26.4 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-82 | 6/9/2005 | Vanadium | 27.3 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-82 | 10/28/2005 | Vanadium | 25.7 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-82 | 1/18/2006 | Vanadium | 26.6 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-82 | 3/16/2006 | Vanadium | 26.1 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-82 | 1/4/2008 | Vanadium | 22.4 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-82 | 1/4/2008 | Vanadium | 21.8 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-82 | 3/14/2008 | Vanadium | 28.5 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-82 | 6/9/2008 | Vanadium | 23 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-82 | 6/9/2008 | Vanadium | 22.3 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-82 | 6/26/2006 | Vanadium | 26.3 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-82 | 10/27/2006 | Vanadium | 25.1 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-82 | 1/18/2007 | Vanadium | 29.1 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-82 | 3/26/2007 | Vanadium | 27.4 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-82 | 6/19/2007 | Vanadium | 26.9 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-82 | 9/3/2008 | Vanadium | 23.3 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-82 | 9/3/2008 | Vanadium | 25.4 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-82 | 2/10/2009 | Vanadium | 28.8 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-82 | 2/10/2009 | Vanadium | 14.5 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-82 | 3/11/2009 | Vanadium | 18.7 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-82 | 3/11/2009 | Vanadium | 22.6 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-82 | 6/12/2009 | Vanadium | 12.9 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-82 | 6/12/2009 | Vanadium | 18.2 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-83 | 2/9/2004 | Vanadium | 31.2 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-83 | 2/9/2004 | Vanadium | 32.1 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-83 | 3/1/2004 | Vanadium | 24.2 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-83 | 6/14/2004 | Vanadium | 32.6 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-83 | 9/13/2004 | Vanadium | 23.8 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-83 | 12/6/2004 | Vanadium | 29.7 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-83 | 6/9/2005 | Vanadium | 25.6 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-83 | 9/23/2005 | Vanadium | 25 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-83 | 12/13/2005 | Vanadium | 25.8 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-83 | 3/21/2006 | Vanadium | 25.7 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-83 | 3/21/2006 | Vanadium | 24.6 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-83 | 3/26/2007 | Vanadium | 22.6 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-83 | 6/19/2007 | Vanadium | 22.7 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-83 | 1/30/2008 | Vanadium | 25.8 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-83 | 1/30/2008 | Vanadium | 21.1 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-83 | 4/29/2008 | Vanadium | 26 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-83 | 4/29/2008 | Vanadium | 20.4 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-83 | 4/29/2008 | Vanadium | 20.4 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-83 | 4/29/2008 | Vanadium | 29.8 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-83 | 6/20/2008 | Vanadium | 22.1 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-83 | 6/20/2008 | Vanadium | 19.7 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-83 | 3/3/2005 | Vanadium | 25 | ug/L | B | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| SXSY | 299-W22-83 | 3/3/2005 | Vanadium | 24.8 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-83 | 6/21/2006 | Vanadium | 27.2 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-83 | 10/4/2006 | Vanadium | 24.5 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-83 | 9/30/2008 | Vanadium | 25.4 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-83 | 9/30/2008 | Vanadium | 27.2 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-83 | 12/23/2008 | Vanadium | 28.5 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-83 | 12/23/2008 | Vanadium | 20.1 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-83 | 3/26/2009 | Vanadium | 33.3 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-83 | 3/26/2009 | Vanadium | 23.1 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-84 | 2/27/2004 | Vanadium | 30.7 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-84 | 6/14/2004 | Vanadium | 32.9 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-84 | 9/10/2004 | Vanadium | 28.9 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-84 | 12/6/2004 | Vanadium | 33.9 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-84 | 3/2/2005 | Vanadium | 30.4 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-84 | 6/9/2005 | Vanadium | 29.8 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-84 | 9/27/2005 | Vanadium | 28.8 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-84 | 12/13/2005 | Vanadium | 29.3 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-84 | 3/15/2006 | Vanadium | 31.1 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-84 | 12/15/2007 | Vanadium | 28.6 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-84 | 12/15/2007 | Vanadium | 29.6 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-84 | 3/14/2008 | Vanadium | 33.3 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-84 | 3/14/2008 | Vanadium | 32.4 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-84 | 6/23/2008 | Vanadium | 27.4 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-84 | 6/23/2008 | Vanadium | 23.8 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-84 | 6/23/2008 | Vanadium | 22.8 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-84 | 6/23/2008 | Vanadium | 23.5 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-84 | 12/15/2006 | Vanadium | 31.1 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-84 | 3/27/2007 | Vanadium | 31.2 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-84 | 6/19/2007 | Vanadium | 28 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-84 | 9/3/2008 | Vanadium | 29.4 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-84 | 9/3/2008 | Vanadium | 30.8 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-84 | 1/5/2009 | Vanadium | 21.2 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-84 | 1/5/2009 | Vanadium | 32.2 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-84 | 3/11/2009 | Vanadium | 28.7 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-84 | 3/11/2009 | Vanadium | 26.5 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-84 | 6/12/2009 | Vanadium | 24.1 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-84 | 6/12/2009 | Vanadium | 24.5 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-85 | 2/27/2004 | Vanadium | 34.3 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-85 | 6/14/2004 | Vanadium | 36 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-85 | 9/10/2004 | Vanadium | 30.9 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-85 | 12/6/2004 | Vanadium | 33.9 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-85 | 3/4/2005 | Vanadium | 29.5 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-85 | 6/10/2005 | Vanadium | 31 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-85 | 9/23/2005 | Vanadium | 29.5 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-85 | 12/14/2005 | Vanadium | 28.4 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-85 | 3/15/2006 | Vanadium | 29.2 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-85 | 12/15/2007 | Vanadium | 33 | ug/L | | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| SXSY | 299-W22-85 | 12/15/2007 | Vanadium | 24.3 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-85 | 3/24/2008 | Vanadium | 25.2 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-85 | 3/24/2008 | Vanadium | 26.5 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-85 | 6/20/2008 | Vanadium | 25.8 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-85 | 6/20/2008 | Vanadium | 20.5 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W22-85 | 6/22/2006 | Vanadium | 41.7 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-85 | 10/25/2006 | Vanadium | 28.1 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-85 | 1/24/2007 | Vanadium | 30 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-85 | 3/26/2007 | Vanadium | 31 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-85 | 9/3/2008 | Vanadium | 29 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-85 | 9/3/2008 | Vanadium | 29.9 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-85 | 1/5/2009 | Vanadium | 32.5 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-85 | 1/5/2009 | Vanadium | 25.1 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-85 | 3/12/2009 | Vanadium | 18.3 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-85 | 3/12/2009 | Vanadium | 33.7 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-85 | 6/12/2009 | Vanadium | 21.1 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W22-85 | 6/12/2009 | Vanadium | 20.6 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-4 | 2/18/2004 | Vanadium | 31.8 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-4 | 2/14/2005 | Vanadium | 28.7 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-4 | 3/3/2009 | Vanadium | 26.1 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-4 | 3/3/2009 | Vanadium | 29.5 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-9 | 8/10/2004 | Vanadium | 17.9 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-15 | 2/27/2004 | Vanadium | 32.9 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-15 | 6/14/2004 | Vanadium | 30.8 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-15 | 9/16/2004 | Vanadium | 29.5 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-15 | 9/16/2004 | Vanadium | 30.6 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-15 | 12/8/2004 | Vanadium | 31.3 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-15 | 6/9/2005 | Vanadium | 31.4 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-15 | 9/27/2005 | Vanadium | 31.6 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-15 | 12/14/2005 | Vanadium | 31.5 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-15 | 3/21/2006 | Vanadium | 32.1 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-15 | 3/28/2007 | Vanadium | 22.7 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-15 | 12/15/2007 | Vanadium | 28.5 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-15 | 12/15/2007 | Vanadium | 32.2 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-15 | 12/15/2007 | Vanadium | 30.1 | ug/L | | G | 6010_METALS_ICP |
| SXSY | 299-W23-15 | 12/15/2007 | Vanadium | 31.5 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-15 | 3/27/2008 | Vanadium | 35.2 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-15 | 3/27/2008 | Vanadium | 30.3 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-15 | 3/27/2008 | Vanadium | 25.5 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-15 | 3/27/2008 | Vanadium | 32.5 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-15 | 6/22/2008 | Vanadium | 32.4 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-15 | 6/22/2008 | Vanadium | 35.4 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-15 | 3/2/2005 | Vanadium | 32 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-15 | 6/21/2006 | Vanadium | 37.7 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-15 | 11/17/2006 | Vanadium | 30.1 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-15 | 11/17/2006 | Vanadium | 31.4 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-15 | 12/28/2006 | Vanadium | 31 | ug/L | B | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| SXSY | 299-W23-15 | 6/19/2007 | Vanadium | 30.2 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-15 | 9/4/2008 | Vanadium | 31.8 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-15 | 9/4/2008 | Vanadium | 30 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-15 | 1/5/2009 | Vanadium | 30.7 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-15 | 1/5/2009 | Vanadium | 37.8 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-15 | 3/12/2009 | Vanadium | 27.7 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-15 | 3/12/2009 | Vanadium | 33 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-20 | 2/26/2004 | Vanadium | 33.3 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-20 | 6/10/2004 | Vanadium | 36.7 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-20 | 9/10/2004 | Vanadium | 30.7 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-20 | 12/6/2004 | Vanadium | 35.9 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-20 | 3/2/2005 | Vanadium | 32.2 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-20 | 6/8/2005 | Vanadium | 32 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-20 | 9/23/2005 | Vanadium | 32 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-20 | 12/20/2005 | Vanadium | 33.8 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-20 | 3/15/2006 | Vanadium | 32 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-20 | 1/16/2008 | Vanadium | 35.8 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-20 | 1/16/2008 | Vanadium | 33.5 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-20 | 3/27/2008 | Vanadium | 34.4 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-20 | 3/27/2008 | Vanadium | 35.7 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-20 | 6/22/2008 | Vanadium | 25.5 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-20 | 6/22/2008 | Vanadium | 30.3 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-20 | 10/27/2006 | Vanadium | 25 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-20 | 1/19/2007 | Vanadium | 31.6 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-20 | 3/26/2007 | Vanadium | 31.9 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-20 | 9/15/2008 | Vanadium | 29.6 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-20 | 9/15/2008 | Vanadium | 31.1 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-20 | 1/5/2009 | Vanadium | 36.7 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-20 | 1/5/2009 | Vanadium | 31.6 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-20 | 3/26/2009 | Vanadium | 29 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-20 | 3/26/2009 | Vanadium | 28.8 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-21 | 2/9/2004 | Vanadium | 30.7 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-21 | 2/26/2004 | Vanadium | 30.9 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-21 | 2/26/2004 | Vanadium | 34.3 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-21 | 6/10/2004 | Vanadium | 31.7 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-21 | 9/13/2004 | Vanadium | 25.2 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-21 | 12/6/2004 | Vanadium | 31.3 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-21 | 6/8/2005 | Vanadium | 26.8 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-21 | 9/23/2005 | Vanadium | 26 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-21 | 12/14/2005 | Vanadium | 26.1 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-21 | 3/15/2006 | Vanadium | 27.6 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-21 | 1/22/2007 | Vanadium | 24.3 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-21 | 3/26/2007 | Vanadium | 25 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-21 | 3/26/2007 | Vanadium | 20.5 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-21 | 6/19/2007 | Vanadium | 26.9 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-21 | 9/11/2007 | Vanadium | 29 | ug/L | | GQ | 6010_METALS_ICP |
| SXSY | 299-W23-21 | 1/16/2008 | Vanadium | 34.1 | ug/L | | | 6010_METALS_ICP |

| Extraction Area | Well Name | Sample Date | Constituent | Result | Units | Lab Qualifier | Review Qualifier | Method |
|---|---|---|---|---|---|---|---|---|
| SXSY | 299-W23-21 | 1/16/2008 | Vanadium | 23.7 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-21 | 3/27/2008 | Vanadium | 25.1 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-21 | 3/27/2008 | Vanadium | 26.9 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-21 | 6/22/2008 | Vanadium | 24.3 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-21 | 6/22/2008 | Vanadium | 19.6 | ug/L | | | 6010_METALS_ICP |
| SXSY | 299-W23-21 | 3/2/2005 | Vanadium | 27.4 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-21 | 6/22/2006 | Vanadium | 36.7 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-21 | 9/4/2008 | Vanadium | 24.4 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-21 | 9/4/2008 | Vanadium | 24.5 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-21 | 12/17/2008 | Vanadium | 23.3 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-21 | 12/17/2008 | Vanadium | 29.3 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-21 | 3/26/2009 | Vanadium | 20.5 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-21 | 3/26/2009 | Vanadium | 21.9 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-21 | 3/26/2009 | Vanadium | 23.2 | ug/L | B | | 6010_METALS_ICP |
| SXSY | 299-W23-21 | 3/26/2009 | Vanadium | 13.3 | ug/L | B | | 6010_METALS_ICP |
| | | | **Maximum** | **45.5** | | | | |
| | | | | | | | | |
| SXSY | 299-W22-83 | 3/26/2009 | Lead | 0.242 | ug/L | B | | 200.8_METALS_ICPMS |
| | | | **Maximum** | **0.242** | | | | |

Highlighted Data is used for more than one extraction area.

CH2MHILL **Calculation**

| | | | |
|---|---|---|---|
| Project | 200 West Area Pump and Treat | | |
| Client | PRC | Project No. | 382519 |

| | |
|---|---|
| Calculation Title: | Estimated Influent Concentrations of Constituents of Interest for Mass Balance |
| Calculation Identifier: | 382519-CALC-033_Rev4 (02/04/2010) |

# ATTACHMENT A

## Data Inputs
## (30 Pages)

| | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **Americium-241** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | *(pCi/L)* | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | EW-1 | EW-10 | EW-11 | EW-12 | EW-13 | EW-14 | EW-15 | EW-16 | EW-17 | EW-18 | EW-19 | EW-2 | EW-20 | EW-3 | EW-4 | EW-5 | EW-6 | EW-7 | EW-8 | EW-9 | UP-1 Ave. | UP-1 Max. | SX-S Ave. | SX-S Max. | ZP-1 Ave. | ZP-1 Max. |
| 5 | 0.500 | 0.500 | 0.500 | 5.000 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 |
| 119 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | Highlighted values indicate that data was missing so half the detection limit was used, refer to Table 2. | | | | | | | | | | | | | | | | | | | | | | | | | |

| | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **Carbon-14** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | **(pCi/L)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | EW-1 | EW-10 | EW-11 | EW-12 | EW-13 | EW-14 | EW-15 | EW-16 | EW-17 | EW-18 | EW-19 | EW-2 | EW-20 | EW-3 | EW-4 | EW-5 | EW-6 | EW-7 | EW-8 | EW-9 | UP-1 Ave. | UP-1 Max. | SX-S Ave. | SX-S Max. | ZP-1 Ave. | ZP-1 Max. |
| 5 | 9.950 | 20.350 | 29.600 | 29.600 | 11.850 | 29.600 | 29.600 | 32.900 | 29.600 | 29.600 | 9.120 | 6.250 | 15.800 | 165.000 | 8.380 | 29.600 | 29.600 | 1.395 | 8.660 | 4.905 | 22.450 | 22.450 | 9.120 | 9.120 | 29.600 | 29.600 |
| 119 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | Highlighted values indicate that data was missing so half the detection limit was used, refer to Table 2. | | | | | | | | | | | | | | | | | | | | | | | | | |

| | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **Cesium-137** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | **(pCi/L)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | EW-1 | EW-10 | EW-11 | EW-12 | EW-13 | EW-14 | EW-15 | EW-16 | EW-17 | EW-18 | EW-19 | EW-2 | EW-20 | EW-3 | EW-4 | EW-5 | EW-6 | EW-7 | EW-8 | EW-9 | UP-1 Ave. | UP-1 Max. | SX-S Ave. | SX-S Max. | ZP-1 Ave. | ZP-1 Max. |
| 5 | 8.150 | 8.150 | 1.025 | 1.870 | 2.390 | 8.150 | 8.150 | 2.670 | 8.150 | 1.550 | 0.745 | 4.850 | 8.150 | 17.000 | 8.150 | 3.045 | 2.595 | 2.840 | 1.255 | 8.150 | 3.925 | 3.925 | 8.150 | 8.150 | 8.150 | 8.150 |
| 119 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | Highlighted values indicate that data was missing so half the detection limit was used, refer to Table 2. | | | | | | | | | | | | | | | | | | | | | | | | | |

| | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **Cobalt-60** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | **(pCi/L)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | EW-1 | EW-10 | EW-11 | EW-12 | EW-13 | EW-14 | EW-15 | EW-16 | EW-17 | EW-18 | EW-19 | EW-2 | EW-20 | EW-3 | EW-4 | EW-5 | EW-6 | EW-7 | EW-8 | EW-9 | UP-1 Ave. | UP-1 Max. | SX-S Ave. | SX-S Max. | ZP-1 Ave. | ZP-1 Max. |
| 5 | 15.800 | 1.425 | 1.495 | 1.125 | 15.800 | 15.800 | 15.800 | 1.520 | 15.800 | 15.800 | 0.645 | 4.700 | 15.800 | 150.000 | 15.800 | 15.800 | 2.455 | 33.900 | 0.925 | 15.800 | 2.205 | 2.205 | 15.800 | 15.800 | 17.300 | 17.300 |
| 119 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | Highlighted values indicate that data was missing so half the detection limit was used, refer to Table 2. | | | | | | | | | | | | | | | | | | | | | | | | | |

| | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **Neptunium-237** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | **(pCi/L)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | EW-1 | EW-10 | EW-11 | EW-12 | EW-13 | EW-14 | EW-15 | EW-16 | EW-17 | EW-18 | EW-19 | EW-2 | EW-20 | EW-3 | EW-4 | EW-5 | EW-6 | EW-7 | EW-8 | EW-9 | UP-1 Ave. | UP-1 Max. | SX-S Ave. | SX-S Max. | ZP-1 Ave. | ZP-1 Max. |
| 5 | 0.016 | 0.027 | 0.137 | 0.021 | 0.078 | 0.137 | 0.137 | 0.047 | 0.137 | 0.137 | 0.018 | 0.082 | 0.200 | 0.137 | 0.137 | 0.137 | 0.137 | 0.137 | 0.137 | 0.004 | 0.137 | 0.137 | 0.018 | 0.018 | 0.137 | 0.137 |
| 119 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | Highlighted values indicate that data was missing so half the detection limit was used, refer to Table 2. | | | | | | | | | | | | | | | | | | | | | | | | | |

| | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **Nickel-63** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | **(pCi/L)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | EW-1 | EW-10 | EW-11 | EW-12 | EW-13 | EW-14 | EW-15 | EW-16 | EW-17 | EW-18 | EW-19 | EW-2 | EW-20 | EW-3 | EW-4 | EW-5 | EW-6 | EW-7 | EW-8 | EW-9 | UP-1 Ave. | UP-1 Max. | SX-S Ave. | SX-S Max. | ZP-1 Ave. | ZP-1 Max. |
| 5 | 7.500 | 7.500 | 7.500 | 7.500 | 7.500 | 7.500 | 7.500 | 7.500 | 7.500 | 7.500 | 7.500 | 7.690 | 7.500 | 836.000 | 7.500 | 7.500 | 7.500 | 7.500 | 7.500 | 7.500 | 7.500 | 7.500 | 7.500 | 7.500 | 4.370 | 4.370 |
| 119 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | Highlighted values indicate that data was missing so half the detection limit was used, refer to Table 2. | | | | | | | | | | | | | | | | | | | | | | | | | |

| | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **Plutonium-239/240** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | **(pCi/L)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | EW-1 | EW-10 | EW-11 | EW-12 | EW-13 | EW-14 | EW-15 | EW-16 | EW-17 | EW-18 | EW-19 | EW-2 | EW-20 | EW-3 | EW-4 | EW-5 | EW-6 | EW-7 | EW-8 | EW-9 | UP-1 Ave. | UP-1 Max. | SX-S Ave. | SX-S Max. | ZP-1 Ave. | ZP-1 Max. |
| 5 | 0.500 | 0.500 | 0.500 | 4.600 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 |
| 119 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | Highlighted values indicate that data was missing so half the detection limit was used, refer to Table 2. | | | | | | | | | | | | | | | | | | | | | | | | | |

| | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **Selenium-79** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | **(pCi/L)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | EW-1 | EW-10 | EW-11 | EW-12 | EW-13 | EW-14 | EW-15 | EW-16 | EW-17 | EW-18 | EW-19 | EW-2 | EW-20 | EW-3 | EW-4 | EW-5 | EW-6 | EW-7 | EW-8 | EW-9 | UP-1 Ave. | UP-1 Max. | SX-S Ave. | SX-S Max. | ZP-1 Ave. | ZP-1 Max. |
| 5 | 13.950 | 18.600 | 18.600 | 3.720 | 7.700 | 18.600 | 18.600 | 7.450 | 18.600 | 18.600 | 84.800 | 2.535 | 2080.000 | 32.800 | 4.260 | 18.600 | 18.600 | 3.370 | 3.225 | 3.030 | 60.900 | 60.900 | 2080.000 | 2080.000 | 18.600 | 18.600 |
| 119 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | Highlighted values indicate that data was missing so half the detection limit was used, refer to Table 2. | | | | | | | | | | | | | | | | | | | | | | | | | |

| | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **Strontium-90** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | **(pCi/L)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | EW-1 | EW-10 | EW-11 | EW-12 | EW-13 | EW-14 | EW-15 | EW-16 | EW-17 | EW-18 | EW-19 | EW-2 | EW-20 | EW-3 | EW-4 | EW-5 | EW-6 | EW-7 | EW-8 | EW-9 | UP-1 Ave. | UP-1 Max. | SX-S Ave. | SX-S Max. | ZP-1 Ave. | ZP-1 Max. |
| 5 | 1.300 | 0.700 | 0.292 | 1.390 | 1.400 | 0.292 | 1.500 | 32.000 | 0.292 | 0.040 | 0.599 | 0.182 | 23.000 | 0.653 | 0.292 | 2.200 | 0.292 | 0.019 | 0.040 | 1.200 | 3.500 | 3.500 | 32.000 | 32.000 | 0.292 | 0.292 |
| 119 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | Highlighted values indicate that data was missing so half the detection limit was used, refer to Table 2. | | | | | | | | | | | | | | | | | | | | | | | | | |

| | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **Beryllium** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | **(ug//L)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | EW-1 | EW-10 | EW-11 | EW-12 | EW-13 | EW-14 | EW-15 | EW-16 | EW-17 | EW-18 | EW-19 | EW-2 | EW-20 | EW-3 | EW-4 | EW-5 | EW-6 | EW-7 | EW-8 | EW-9 | UP-1 Ave. | UP-1 Max. | SX-S Ave. | SX-S Max. | ZP-1 Ave. | ZP-1 Max. |
| 5 | 1.150 | 0.980 | 0.960 | 0.520 | 0.950 | 1.150 | 1.150 | 0.820 | 1.150 | 0.640 | 0.960 | 0.580 | 0.580 | 0.730 | 0.960 | 1.150 | 0.810 | 0.720 | 0.430 | 0.830 | | 1.800 | | 1.800 | | 0.720 |
| 119 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | Highlighted values indicate that data was missing so half the detection limit was used, refer to Table 2. | | | | | | | | | | | | | | | | | | | | | | | | | |

| | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **Cadmium** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | **(ug//L)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | EW-1 | EW-10 | EW-11 | EW-12 | EW-13 | EW-14 | EW-15 | EW-16 | EW-17 | EW-18 | EW-19 | EW-2 | EW-20 | EW-3 | EW-4 | EW-5 | EW-6 | EW-7 | EW-8 | EW-9 | UP-1 Ave. | UP-1 Max. | SX-S Ave. | SX-S Max. | ZP-1 Ave. | ZP-1 Max. |
| 5 | 4.000 | 4.500 | 9.700 | 2.000 | 2.000 | 1.000 | 2.000 | 3.550 | 8.850 | 2.000 | 3.550 | 3.550 | 3.550 | 4.900 | 4.100 | 2.000 | 7.900 | 8.850 | 1.650 | 3.550 | 3.550 | 3.550 | 3.550 | 3.550 | 2.100 | 2.100 |
| 119 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | Highlighted values indicate that data was missing so half the detection limit was used, refer to Table 2. | | | | | | | | | | | | | | | | | | | | | | | | | |

| | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **Chromium** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | **(ug//L)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | EW-1 | EW-10 | EW-11 | EW-12 | EW-13 | EW-14 | EW-15 | EW-16 | EW-17 | EW-18 | EW-19 | EW-2 | EW-20 | EW-3 | EW-4 | EW-5 | EW-6 | EW-7 | EW-8 | EW-9 | UP-1 Ave. | UP-1 Max. | SX-S Ave. | SX-S Max. | ZP-1 Ave. | ZP-1 Max. |
| 5 | 29.000 | 19.800 | 101.000 | 45.100 | 163.000 | 42.400 | 22.900 | 36.500 | 6.500 | 21.900 | 686.000 | 177.000 | 1750.000 | 769.000 | 128.000 | 6.500 | 722.000 | 708.000 | 33.900 | 50.700 | 558.000 | 558.000 | 1750.000 | 1750.000 | 72.300 | 72.300 |
| 119 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | Highlighted values indicate that data was missing so half the detection limit was used, refer to Table 2. | | | | | | | | | | | | | | | | | | | | | | | | | |

| | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **Cobalt** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | **(ug//L)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | EW-1 | EW-10 | EW-11 | EW-12 | EW-13 | EW-14 | EW-15 | EW-16 | EW-17 | EW-18 | EW-19 | EW-2 | EW-20 | EW-3 | EW-4 | EW-5 | EW-6 | EW-7 | EW-8 | EW-9 | UP-1 Ave. | UP-1 Max. | SX-S Ave. | SX-S Max. | ZP-1 Ave. | ZP-1 Max. |
| 5 | 21.000 | 10.000 | 16.300 | 9.100 | 8.500 | 4.300 | 9.400 | 9.700 | 2.400 | 11.600 | 11.000 | 24.700 | 10.800 | 26.300 | 24.600 | 2.000 | 23.200 | 27.500 | 2.400 | 8.900 | 10.600 | 10.600 | 11.000 | 11.000 | 8.600 | 8.600 |
| 119 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | Highlighted values indicate that data was missing so half the detection limit was used, refer to Table 2. | | | | | | | | | | | | | | | | | | | | | | | | | |

| | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **Fluoride** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | **(ug//L)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | EW-1 | EW-10 | EW-11 | EW-12 | EW-13 | EW-14 | EW-15 | EW-16 | EW-17 | EW-18 | EW-19 | EW-2 | EW-20 | EW-3 | EW-4 | EW-5 | EW-6 | EW-7 | EW-8 | EW-9 | UP-1 Ave. | UP-1 Max. | SX-S Ave. | SX-S Max. | ZP-1 Ave. | ZP-1 Max. |
| 5 | 500.000 | 740.000 | 790.000 | 720.000 | 980.000 | 240.000 | 510.000 | 610.000 | 300.000 | 320.000 | 530.000 | 1300.000 | 1250.000 | 1600.000 | 490.000 | 318.000 | 10100.000 | 10500.000 | 560.000 | 540.000 | 600.000 | 600.000 | 1250.000 | 1250.000 | 520.000 | 520.000 |
| 119 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | Highlighted values indicate that data was missing so half the detection limit was used, refer to Table 2. | | | | | | | | | | | | | | | | | | | | | | | | | |

| | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **Lead** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | **(ug//L)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | EW-1 | EW-10 | EW-11 | EW-12 | EW-13 | EW-14 | EW-15 | EW-16 | EW-17 | EW-18 | EW-19 | EW-2 | EW-20 | EW-3 | EW-4 | EW-5 | EW-6 | EW-7 | EW-8 | EW-9 | UP-1 Ave. | UP-1 Max. | SX-S Ave. | SX-S Max. | ZP-1 Ave. | ZP-1 Max. |
| 5 | 0.800 | 1.600 | 0.800 | 25.800 | 0.285 | 0.800 | 0.800 | 4.250 | 0.800 | 2.000 | 0.094 | 0.800 | 0.214 | 0.800 | 0.800 | 1.260 | 0.717 | 2.690 | 0.800 | 0.180 | | 37.700 | | 0.242 | | 0.800 |
| 119 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | Highlighted values indicate that data was missing so half the detection limit was used, refer to Table 2. | | | | | | | | | | | | | | | | | | | | | | | | | |

| | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **Manganese** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | (ug//L) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | EW-1 | EW-10 | EW-11 | EW-12 | EW-13 | EW-14 | EW-15 | EW-16 | EW-17 | EW-18 | EW-19 | EW-2 | EW-20 | EW-3 | EW-4 | EW-5 | EW-6 | EW-7 | EW-8 | EW-9 | UP-1 Ave. | UP-1 Max. | SX-S Ave. | SX-S Max. | ZP-1 Ave. | ZP-1 Max. |
| 5 | 284.000 | 134.000 | 48.800 | 2030.000 | 350.000 | 11.500 | 145.000 | 756.000 | 2.500 | 129.000 | 511.000 | 14.700 | 309.000 | 396.000 | 97.300 | 186.000 | 627.000 | 678.000 | 14.600 | 805.000 | 725.000 | 725.000 | 82.800 | 82.800 | 6.100 | 6.100 |
| 119 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | Highlighted values indicate that data was missing so half the detection limit was used, refer to Table 2. | | | | | | | | | | | | | | | | | | | | | | | | | |

| | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **Vanadium** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | **(ug//L)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | EW-1 | EW-10 | EW-11 | EW-12 | EW-13 | EW-14 | EW-15 | EW-16 | EW-17 | EW-18 | EW-19 | EW-2 | EW-20 | EW-3 | EW-4 | EW-5 | EW-6 | EW-7 | EW-8 | EW-9 | UP-1 Ave. | UP-1 Max. | SX-S Ave. | SX-S Max. | ZP-1 Ave. | ZP-1 Max. |
| 5 | 31.700 | 36.200 | 39.700 | 42.800 | 33.500 | 20.400 | 29.100 | 45.800 | 4.600 | 35.200 | 36.700 | 38.400 | 45.500 | 39.100 | 40.900 | 20.400 | 59.400 | 89.600 | 28.800 | 30.000 | | 44.800 | | 45.500 | | 35.600 |
| 119 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | Highlighted values indicate that data was missing so half the detection limit was used, refer to Table 2. | | | | | | | | | | | | | | | | | | | | | | | | | |

| | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **1,1,1-Trichloroethane** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | **(ug/L)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | EW-1 | EW-10 | EW-11 | EW-12 | EW-13 | EW-14 | EW-15 | EW-16 | EW-17 | EW-18 | EW-19 | EW-2 | EW-20 | EW-3 | EW-4 | EW-5 | EW-6 | EW-7 | EW-8 | EW-9 | UP-1 Ave. | UP-1 Max. | SX-S Ave. | SX-S Max. | ZP-1 Ave. | ZP-1 Max. |
| 5 | 1.000 | 0.670 | 0.500 | 2.500 | 0.500 | 0.040 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 2.500 | 2.500 | 0.500 | 0.500 | 0.500 | 2.500 | 0.500 | 0.500 | 2.500 | 2.500 | 0.500 | 0.500 | 0.500 | 0.500 |
| 119 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | Highlighted values indicate that data was missing so half the detection limit was used, refer to Table 2. | | | | | | | | | | | | | | | | | | | | | | | | | |

| | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **1,1,2,2-Tetrachloroethane** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | (ug/L) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | EW-1 | EW-10 | EW-11 | EW-12 | EW-13 | EW-14 | EW-15 | EW-16 | EW-17 | EW-18 | EW-19 | EW-2 | EW-20 | EW-3 | EW-4 | EW-5 | EW-6 | EW-7 | EW-8 | EW-9 | UP-1 Ave. | UP-1 Max. | SX-S Ave. | SX-S Max. | ZP-1 Ave. | ZP-1 Max. |
| 5 | 1.000 | 1.600 | 2.500 | 2.500 | 0.500 | 2.500 | 0.500 | 0.500 | 2.500 | 0.500 | 0.500 | 0.500 | 2.500 | 2.500 | 0.500 | 0.500 | 0.500 | 2.500 | 0.500 | 0.500 | 2.500 | 2.500 | 0.500 | 0.500 | 0.500 | 0.500 |
| 119 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | Highlighted values indicate that data was missing so half the detection limit was used, refer to Table 2. | | | | | | | | | | | | | | | | | | | | | | | | | |

| | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **1,2-Dibromoethane** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | **(ug/L)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | EW-1 | EW-10 | EW-11 | EW-12 | EW-13 | EW-14 | EW-15 | EW-16 | EW-17 | EW-18 | EW-19 | EW-2 | EW-20 | EW-3 | EW-4 | EW-5 | EW-6 | EW-7 | EW-8 | EW-9 | UP-1 Ave. | UP-1 Max. | SX-S Ave. | SX-S Max. | ZP-1 Ave. | ZP-1 Max. |
| 5 | 0.350 | 1.400 | 0.350 | 0.350 | 0.350 | 0.350 | 0.350 | 0.350 | 0.350 | 0.350 | 0.115 | 0.350 | 0.115 | 0.075 | 0.049 | 0.350 | 0.350 | 0.350 | 0.350 | 0.350 | 0.275 | 0.275 | 0.035 | 0.035 | 0.350 | 0.350 |
| 119 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | Highlighted values indicate that data was missing so half the detection limit was used, refer to Table 2. | | | | | | | | | | | | | | | | | | | | | | | | | |

| | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **1,2-Dichloroethane** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | **(ug/L)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | EW-1 | EW-10 | EW-11 | EW-12 | EW-13 | EW-14 | EW-15 | EW-16 | EW-17 | EW-18 | EW-19 | EW-2 | EW-20 | EW-3 | EW-4 | EW-5 | EW-6 | EW-7 | EW-8 | EW-9 | UP-1 Ave. | UP-1 Max. | SX-S Ave. | SX-S Max. | ZP-1 Ave. | ZP-1 Max. |
| 5 | 1.000 | 1.700 | 0.500 | 2.500 | 0.500 | 0.105 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 2.500 | 2.500 | 0.500 | 0.500 | 0.500 | 2.500 | 0.500 | 0.500 | 2.500 | 2.500 | 0.500 | 0.500 | 0.500 | 0.500 |
| 119 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | Highlighted values indicate that data was missing so half the detection limit was used, refer to Table 2. | | | | | | | | | | | | | | | | | | | | | | | | | |

| | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **1,4-Dioxane** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | **(ug/L)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | EW-1 | EW-10 | EW-11 | EW-12 | EW-13 | EW-14 | EW-15 | EW-16 | EW-17 | EW-18 | EW-19 | EW-2 | EW-20 | EW-3 | EW-4 | EW-5 | EW-6 | EW-7 | EW-8 | EW-9 | UP-1 Ave. | UP-1 Max. | SX-S Ave. | SX-S Max. | ZP-1 Ave. | ZP-1 Max. |
| 5 | 6.000 | 22.500 | 6.000 | 13.000 | 6.000 | 1.300 | 6.000 | 22.500 | 6.000 | 6.000 | 6.000 | 32.000 | 22.500 | 22.500 | 22.500 | 22.500 | 6.000 | 6.000 | 6.000 | 6.000 | 120.000 | 120.000 | 22.500 | 22.500 | 6.000 | 6.000 |
| 119 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | Highlighted values indicate that data was missing so half the detection limit was used, refer to Table 2. | | | | | | | | | | | | | | | | | | | | | | | | | |

| | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **2-Napthylamine** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | **(ug/L)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | EW-1 | EW-10 | EW-11 | EW-12 | EW-13 | EW-14 | EW-15 | EW-16 | EW-17 | EW-18 | EW-19 | EW-2 | EW-20 | EW-3 | EW-4 | EW-5 | EW-6 | EW-7 | EW-8 | EW-9 | UP-1 Ave. | UP-1 Max. | SX-S Ave. | SX-S Max. | ZP-1 Ave. | ZP-1 Max. |
| 5 | 0.500 | 0.500 | 0.500 | 5.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 |
| 119 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | Highlighted values indicate that data was missing so half the detection limit was used, refer to Table 2. | | | | | | | | | | | | | | | | | | | | | | | | | |

| | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **Acetone** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | **(ug/L)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | EW-1 | EW-10 | EW-11 | EW-12 | EW-13 | EW-14 | EW-15 | EW-16 | EW-17 | EW-18 | EW-19 | EW-2 | EW-20 | EW-3 | EW-4 | EW-5 | EW-6 | EW-7 | EW-8 | EW-9 | UP-1 Ave. | UP-1 Max. | SX-S Ave. | SX-S Max. | ZP-1 Ave. | ZP-1 Max. |
| 5 | 50.000 | 93.000 | 0.500 | 96.000 | 47.000 | 2.000 | 1.600 | 120.000 | 1.500 | 1.900 | 43.000 | 63.000 | 7.300 | 42.000 | 11.000 | 0.500 | 100.000 | 38.000 | 3.200 | 100.000 | 67.000 | 67.000 | 3.700 | 3.700 | 5.000 | 5.000 |
| 119 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | Highlighted values indicate that data was missing so half the detection limit was used, refer to Table 2. | | | | | | | | | | | | | | | | | | | | | | | | | |

| | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **Ammonium** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | **(ug/L)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | EW-1 | EW-10 | EW-11 | EW-12 | EW-13 | EW-14 | EW-15 | EW-16 | EW-17 | EW-18 | EW-19 | EW-2 | EW-20 | EW-3 | EW-4 | EW-5 | EW-6 | EW-7 | EW-8 | EW-9 | UP-1 Ave. | UP-1 Max. | SX-S Ave. | SX-S Max. | ZP-1 Ave. | ZP-1 Max. |
| 5 | 45.000 | 51.500 | 25.000 | 4220.000 | 51.500 | 25.000 | 25.000 | 3430.000 | 25.000 | 25.000 | 9.660 | 25.000 | 104.000 | 24.700 | 25.000 | 25.000 | 25.000 | 25.000 | 25.000 | 1050.000 | 41.200 | 41.200 | 9.660 | 9.660 | 25.000 | 25.000 |
| 119 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | Highlighted values indicate that data was missing so half the detection limit was used, refer to Table 2. | | | | | | | | | | | | | | | | | | | | | | | | | |

| | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **Benzene** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | **(ug/L)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | EW-1 | EW-10 | EW-11 | EW-12 | EW-13 | EW-14 | EW-15 | EW-16 | EW-17 | EW-18 | EW-19 | EW-2 | EW-20 | EW-3 | EW-4 | EW-5 | EW-6 | EW-7 | EW-8 | EW-9 | UP-1 Ave. | UP-1 Max. | SX-S Ave. | SX-S Max. | ZP-1 Ave. | ZP-1 Max. |
| 5 | 10.000 | 1.600 | 0.500 | 10.000 | 0.500 | 0.055 | 0.500 | 0.500 | 0.500 | 0.500 | 2.800 | 10.000 | 5.000 | 2.600 | 10.000 | 3.100 | 0.500 | 2.500 | 0.500 | 10.000 | 2.600 | 2.600 | 0.500 | 0.500 | 2.600 | 2.600 |
| 119 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | Highlighted values indicate that data was missing so half the detection limit was used, refer to Table 2. | | | | | | | | | | | | | | | | | | | | | | | | | |

| | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **Bromodichloromethane** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | **(ug/L)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | EW-1 | EW-10 | EW-11 | EW-12 | EW-13 | EW-14 | EW-15 | EW-16 | EW-17 | EW-18 | EW-19 | EW-2 | EW-20 | EW-3 | EW-4 | EW-5 | EW-6 | EW-7 | EW-8 | EW-9 | UP-1 Ave. | UP-1 Max. | SX-S Ave. | SX-S Max. | ZP-1 Ave. | ZP-1 Max. |
| 5 | 1.000 | 1.600 | 2.500 | 2.500 | 0.500 | 2.500 | 0.500 | 1.100 | 2.500 | 0.500 | 1.200 | 0.500 | 5.300 | 2.500 | 0.500 | 0.500 | 0.500 | 2.500 | 0.500 | 0.500 | 2.500 | 2.500 | 0.500 | 0.500 | 0.500 | 0.500 |
| 119 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | Highlighted values indicate that data was missing so half the detection limit was used, refer to Table 2. | | | | | | | | | | | | | | | | | | | | | | | | | |

| | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **Dibenz[a,h]anthracene** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | **(ug/L)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | EW-1 | EW-10 | EW-11 | EW-12 | EW-13 | EW-14 | EW-15 | EW-16 | EW-17 | EW-18 | EW-19 | EW-2 | EW-20 | EW-3 | EW-4 | EW-5 | EW-6 | EW-7 | EW-8 | EW-9 | UP-1 Ave. | UP-1 Max. | SX-S Ave. | SX-S Max. | ZP-1 Ave. | ZP-1 Max. |
| 5 | 1.250 | 1.600 | 5.000 | 5.000 | 0.475 | 5.000 | 5.000 | 1.650 | 5.000 | 5.000 | 5.000 | 5.000 | 1.300 | 2.300 | 0.500 | 5.000 | 5.000 | 5.000 | 5.000 | 1.250 | 1.500 | 1.500 | 5.000 | 5.000 | 5.000 | 5.000 |
| 119 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | Highlighted values indicate that data was missing so half the detection limit was used, refer to Table 2. | | | | | | | | | | | | | | | | | | | | | | | | | |

| | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **Dibromochloromethane** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | **(ug/L)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | EW-1 | EW-10 | EW-11 | EW-12 | EW-13 | EW-14 | EW-15 | EW-16 | EW-17 | EW-18 | EW-19 | EW-2 | EW-20 | EW-3 | EW-4 | EW-5 | EW-6 | EW-7 | EW-8 | EW-9 | UP-1 Ave. | UP-1 Max. | SX-S Ave. | SX-S Max. | ZP-1 Ave. | ZP-1 Max. |
| 5 | 1.000 | 1.400 | 2.500 | 2.500 | 0.500 | 2.500 | 0.500 | 0.500 | 2.500 | 0.500 | 0.500 | 0.500 | 2.500 | 2.500 | 0.500 | 0.500 | 0.500 | 2.500 | 0.500 | 0.500 | 2.500 | 2.500 | 0.500 | 0.500 | 0.500 | 0.500 |
| 119 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | Highlighted values indicate that data was missing so half the detection limit was used, refer to Table 2. | | | | | | | | | | | | | | | | | | | | | | | | | |

| | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **Vinyl Chloride** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | **(ug/L)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | EW-1 | EW-10 | EW-11 | EW-12 | EW-13 | EW-14 | EW-15 | EW-16 | EW-17 | EW-18 | EW-19 | EW-2 | EW-20 | EW-3 | EW-4 | EW-5 | EW-6 | EW-7 | EW-8 | EW-9 | UP-1 Ave. | UP-1 Max. | SX-S Ave. | SX-S Max. | ZP-1 Ave. | ZP-1 Max. |
| 5 | 1.000 | 0.500 | 0.500 | 5.000 | 0.500 | 0.040 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 5.000 | 2.500 | 0.500 | 0.500 | 0.500 | 5.000 | 0.500 | 0.500 | 5.000 | 5.000 | 0.500 | 0.500 | 0.500 | 0.500 |
| 119 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | Highlighted values indicate that data was missing so half the detection limit was used, refer to Table 2. | | | | | | | | | | | | | | | | | | | | | | | | | |

# Attachment C

# Calculation Verification on Calc-033, Rev 4

# &

# CH2M Hill/CHPRC Document Transmittal

# (3 pages)

## Calculation Verification on Calc-033, Rev 4

Case: Phase II - Uranium IX System Influent

Constituent: Cobalt

Inputs:

| Well | Flow (gpm) |
|---|---|
| EW-01 | 0 |
| EW-02 | 0 |
| EW-03 | 0 |
| EW-04 | 0 |
| EW-05 | 0 |
| EW-06 | 0 |
| EW-07 | 0 |
| EW-08 | 0 |
| EW-09 | 0 |
| EW-10 | 0 |
| EW-11 | 0 |
| EW-12 | 0 |
| EW-13 | 0 |
| EW-14 | 0 |
| EW-15 | 0 |
| EW-16 | 0 |
| EW-17 | 0 |
| EW-18 | 0 |
| EW-19 | 0 |

| | |
|---|---|
| **EW-20** | 0 |
| | |
| **UP-1** | 50 |
| | |
| **SX-S** | 0 |
| | |
| **ZP-1** | 0 |
| **Total Flow** | **50** |

Cobalt concentration in each well (ug/L):

| EW-1 | EW-10 | EW-11 | EW-12 | EW-13 | EW-14 | EW-15 | EW-16 | EW-17 | EW-18 | EW-19 | EW-2 | EW-20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21.000 | 10.000 | 16.300 | 9.100 | 8.500 | 4.300 | 9.400 | 9.700 | 2.400 | 11.600 | 11.000 | 24.700 | 10.800 |

| EW-3 | EW-4 | EW-5 | EW-6 | EW-7 | EW-8 | EW-9 | UP-1 Ave. | UP-1 Max. | SX-S Ave. | SX-S Max. |
|---|---|---|---|---|---|---|---|---|---|---|
| 26.300 | 24.600 | 2.000 | 23.200 | 27.500 | 2.400 | 8.900 | 10.600 | 10.600 | 11.000 | 11.000 |

| ZP-1 Ave. | ZP-1 Max. |
|---|---|
| 8.600 | 8.600 |

Calculation

Influent Concentration of Cobalt to uranium IX = sum of (concentration from each well * flow rate from each well) / total flow to uranium IX system

Influent Concentration of Cobalt to uranium IX = (21*0+10*0 + 16.3*0 + 9.1*0 + 8.5*0 + 4.3*0 + 9.4*0 + 9.7*0 + 2.4*0 + 11.6*0 + 11*0 + 24.7*0 + 10.8*0 + 26.3*0 + 24.6*0 + 2*0 + 23.2*0 + 27.5*0 + 2.4*0 + 8.9*0 + 10.6 * 50 + 11*0 + 8.6*0) gpm-ug/L / 50 gpm = 10.6 ug/L

Calc-033 result: 10.6 ug/L

Calculation has been verified.

# DOCUMENT TRANSMITTAL

| | | | |
|---|---|---|---|
| | | *Transmittal No.* | 382519-XMIT-0241 |
| *Date Requested:* | 2/3/2010 | *Due Date:* | |
| *To:* | Don Clark/CHPRC; Serena Greager/CHPRC | *From:* | Mike Keating/CH2M HILL |
| *Project/Work Order No.:* | **382519** | | |
| *Subject:* | CALC-033 Rev. 4 Estimated Influent Concentrations of Constituents of Interest for Mass Balance | | |

**Attached Are**

| | | | | | |
|---|---|---|---|---|---|
| ☐ | *Drawings* | ☒ | *Specifications/Calculations* | ☐ | *Forms* |
| ☐ | *Documents/Procedures* | ☐ | *Other:* | | |

**Purpose**

| | | | | | |
|---|---|---|---|---|---|
| ☐ | *Information* | ☐ | *Action* | ☐ | *Signature* |
| ☐ | *Update* | ☐ | *Review* | | |
| ☐ | *Other:* | | | | |

**Comments**

| | | | | | |
|---|---|---|---|---|---|
| ☐ | *Draft* | ☐ | *Final* | ☐ | *Approved* |
| ☐ | *Working Copies* | ☐ | *Controlled Copies* | | |
| ☐ | *Other:* | | | | |

**Requested Action**

| | | | | | |
|---|---|---|---|---|---|
| ☐ | *Comment* | ☐ | *Approve* | ☐ | *Note Revision* |
| ☐ | *File* | ☐ | *FYI* | | |
| ☐ | *Other:* | | | | |

**382519-CALC-033 Rev. 4 Estimated Influent Concentrations of Constituents of Interest for Mass Balance**

**Acknowledgement of Receipt**

☐ *Check here if receipt acknowledgment is required.*

*Receipt Acknowledgment:*
Please sign below acknowledging receipt of documents listed above and return receipt to_____

| | |
|---|---|
| | |
| *Signature* | *Date* |