September 15, 2005

Robert Perdue  
Executive Officer  
California Regional Water Quality Control Board  
Colorado River Basin Region  
73-720 Fred Waring Drive, Suite 100  
Palm Desert, CA 92260

Subject: August 2005 Monthly Report for the Interim Measure No. 3 Groundwater Remediation System at the PG&E Topock Compressor Station, Needles, California

Dear Mr. Perdue:

Enclosed is the August 2005 Monthly Report for the Pacific Gas and Electric Company’s (PG&E) Topock Compressor Station, Interim Measure (IM) No. 3 Groundwater Treatment System is enclosed. PG&E is submitting this First Month Report for August 2005, in compliance with the Waste Discharge Requirements (WDRs) issued by the Colorado River Basin Regional Water Quality Control Board (CRBRWQCB) under Board Order R7-2004-0103. WDRs under Board Order R7-2004-0103 apply to discharge by subsurface injection only.

In addition to Board Order No. R7-2004-0103 for discharge to injection wells, the CRBRWQCB issued WDRs for discharge to the Colorado River (Board Order R7-2004-0100) and to the PG&E Compressor Station (Board Order R7-2004-0080). To date, there has been no system discharge to the Colorado River or the PG&E Compressor Station. PG&E has no plans to exercise these options at this time.

If you have any questions regarding this report, please call me at (760) 326-5582.

Sincerely,

Enclosures:

August 2005 Monthly Report for the IM No. 3 Groundwater Treatment System

cc: Jose Cortez, RWQCB  
    Liann Chavez, RWQCB  
    Norman Shopay, DTSC
August 2005 Monthly Report
for Interim Measures No. 3 Groundwater Treatment System
Waste Discharge Requirements Order No. R7-2004-0103
PG&E Topock Compressor Station
Needles, California

Prepared for
Pacific Gas and Electric Company

September 15, 2005

This report was prepared under the supervision of a
California Certified Professional Engineer (P.E.)

Dennis Fink, P.E. No. 68986
Project Engineer
August 2005 Monthly Report for Interim Measures No. 3
Groundwater Treatment System

Waste Discharge Requirements
Order No. R7-2004-0103
PG&E Topock Compressor Station
Needles, California

Prepared for
California Regional Water Quality Control Board
Colorado River Basin Region

on behalf of
Pacific Gas and Electric Company

September 15, 2005
# Acronyms and Abbreviations

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Description</th>
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<tbody>
<tr>
<td>Ave.</td>
<td>Average</td>
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<tr>
<td>CRBRWQCB</td>
<td>Colorado River Basin Regional Water Quality Control Board</td>
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<tr>
<td>gpm</td>
<td>gallons per minute</td>
</tr>
<tr>
<td>Max.</td>
<td>Maximum</td>
</tr>
<tr>
<td>mg/L</td>
<td>milligrams per liter</td>
</tr>
<tr>
<td>NTU</td>
<td>nephelometric turbidity units</td>
</tr>
<tr>
<td>PG&amp;E</td>
<td>Pacific Gas and Electric Company</td>
</tr>
<tr>
<td>ppb</td>
<td>Parts per billion</td>
</tr>
<tr>
<td>pH</td>
<td>standard pH units</td>
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<td>RO</td>
<td>Reverse Osmosis</td>
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<tr>
<td>ROWD</td>
<td>Report of Waste Discharge</td>
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<td>USEPA</td>
<td>U.S. Environmental Protection Agency</td>
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<td>WDR</td>
<td>Waste Discharge Requirements</td>
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<tr>
<td>μg/L</td>
<td>micrograms per liter</td>
</tr>
<tr>
<td>μmhos/cm</td>
<td>micro ohms per centimeter</td>
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1.0 Introduction

Pacific Gas and Electric Company (PG&E) is implementing an Interim Measure (IM) to address chromium concentrations in groundwater at the Topock Compressor Station near Needles, California. The IM consists of groundwater extraction for hydraulic control of the plume boundaries in the Colorado River floodplain and management of extracted groundwater. The groundwater extraction, treatment, and injection systems collectively are referred to as IM No. 3.

California Regional Water Quality Control Board Colorado River Basin Region (CRBRWQCB) Order No. R7-2004-0103 authorizes PG&E to re-inject treated groundwater into injection wells located on San Bernardino County Assessor’s Parcel No. 650-151-06. The Monitoring and Reporting Program under Order No. R7-2004-0103 requires monthly monitoring reports to be submitted by the 15th day of the following month. This report covers monitoring activities related to operation of the IM No. 3 groundwater treatment system for August 2005.

In addition to Board Order No. R7-2004-0103, the CRBRWQCB issued WDRs for discharge to the Colorado River (Board Order R7-2004-0100) and reuse the PG&E Compressor Station (Board Order R7-2004-0080). To date, there has been no system discharge to the Colorado River or reuse at the PG&E Compressor Station. PG&E has no plans to exercise these options at this time.
2.0 Sampling Station Locations

Table 1 lists the locations of sampling stations. The attached figures were provided in PG&E’s Sampling Locations letter to the CRBRWQCB Executive Officer dated June 29, 2005.
3.0 Description of Activities

During this reporting period, treatment system operation and discharge to injection well IW-2 was conducted 24 hours per day, seven days per week with exceptions for system shutdowns due to power outages.
4.0 Groundwater Treatment System Flowrates

The August 2005 treatment system monthly average flowrates are presented in Table 2. The system influent flowrate was measured by continuous meters at groundwater extraction wells TW-2D and TW-2S (see Figure TP-RP-10-10-11). The treatment system effluent flowrate was measured by continuous meter at the piping into injection well IW-2 (see Figure TP-RP-10-10-03). The RO concentrate flowrate was measured by continuous meter at the piping carrying water from RO concentrate tank T-701 to the truck load-out station (see Figure TP-RP-10-10-08).

System shut-down periods were noted on August 3, 5, 9, 11, 12, 13, 15, 21, 23, and 24, 2005. The longest shutdown period occurred on August 15, which lasted about 15.5 hours (between 2:07 am and 5:39 pm) in order to troubleshoot and physically inspect the pipeline due a leak detection system alarm that occurred while re-starting the plant after a power outage. The alarm condition was determined to be a communication issue with the control panel and not a leak. The alarm condition was subsequently corrected by the manufacturer in late-August. A portable generator is onsite to provide back-up power during outages.

Between August 14, 2005 at 10:50 am and August 15 at 8:30 am, continuous influent and effluent flow data was not automatically recorded and archived while computer programming modifications were in progress. The treatment system shut down due to a power failure on August 15 at approximately 2:00 am. The influent flow that was not recorded between August 14, 2005 at 10:50 am and August 15 at 2:00 am, was estimated to be approximately 62,300 gallons assuming an average system influent flowrate of about 66 gpm observed on August 14, 2005. The effluent flow during this same time period was estimated to be approximately 64,200 gallons assuming an average system effluent flowrate of about 68 gpm observed on August 14, 2005. System effluent flow rates will vary depending on system operation to the injection wells.

The RO concentrate flowmeter was not accurately reporting flowrates from August 1 to August 18, 2005. The RO concentrate flow meter was repaired August 18, 2005 at 4:00 PM. The average flow rate for RO concentrate during August 2005, reported in Table 2, has been estimated by calculating the August 1 to August 18, 2005 flowrate based on flowrate data from August 18 to August 31, 2005.
5.0 Sampling and Analytical Procedures

All samples were collected at the designated sampling locations from sample taps and placed directly into containers provided by Truesdail Laboratories, Inc. Sample containers were labeled and packaged according to standard sampling procedures.

The samples were stored in a cooler at 4°C Celsius and transported to Truesdail Laboratories, Inc. or EMAX Laboratories, Inc. via a courier service under chain-of-custody documentation. Truesdail Laboratories, Inc. is certified by the California Department of Health Services (Certification #1237) under the State of California’s Environmental Laboratory Accreditation Program. EMAX, Inc. is certified by the California Department of Health Services (Certification #02166) under the State of California’s Environmental Laboratory Accreditation Program. All analyses were performed in accordance with the latest edition of the “Guidelines Establishing Test Procedures for Analysis of Pollutants” (40 CFR Part 136), promulgated by the U.S. Environmental Protection Agency (USEPA).

As required by the Monitoring and Reporting Program, the analytical method selected for total chromium had a method detection limit of 1.0 parts per billion (ppb) and the analytical method selected for hexavalent chromium had a method detection limit of 0.2 ppb.

No sludge was transported offsite during the month of August 2005. Therefore, no sludge samples were collected or analyzed during this reporting period.

Groundwater quality is being monitored in the surrounding observation and compliance wells following procedures and schedules approved in the Groundwater Compliance Monitoring Plan for Interim Measures No. 3 Injection Area (CH2M HILL, 2005). Reporting of analytical results will be done on a quarterly basis as a stand alone document, and will be released in conjunction with groundwater level maps of the same monitoring wells. The first report is scheduled for release on Friday, October 14, 2005.
6.0 Analytical Results

Reports prepared by the certified analytical laboratory are presented in Appendix A. Influent, effluent and RO concentrate sample analytical results are presented in Tables 3, 4 and 5, respectively. Table 6 lists the following monitoring information:

- sampler name
- sample identification number
- sample date
- sample time
- analytical date
- laboratory technician
- analytical methods.
7.0 Conclusions

There were no exceedences of the effluent limitations during the reporting period.
8.0 Certification

PG&E submitted a signature delegation letter to the CRBRWQCB on August 12, 2005. The letter delegated PG&E signature authority to Mr. Curt Russell and Ms. Yvonne Meeks for correspondence regarding Board Order R7-2004-0103. A copy of the signature delegation letter is presented in Appendix B.

Certification Statement:

I declare under the penalty of law that I have personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for knowing violations.

Signature: ________________
Name: Curt Russell
Company: Pacific Gas and Electric Company
Title: Topock Onsite Project Manager
Date: September 15, 2005
**TABLE 1**  
Sampling Station Locations  
*August 2005 Report for IM No. 3 Groundwater Treatment System*

<table>
<thead>
<tr>
<th>Sample Station</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Groundwater Treatment System Influent</td>
<td>Sample tap on pipe into T-100 (see Figure TP-RP-10-10-04).</td>
</tr>
<tr>
<td>Groundwater Treatment System Effluent</td>
<td>Sample tap on pipe downstream from T-700 (see Figure TP-RP-10-10-04).</td>
</tr>
<tr>
<td>Groundwater Treatment System Reverse Osmosis (RO) Concentrate</td>
<td>Sample tap on pipe into T-701 (see Figure TP-RP-10-10-08).</td>
</tr>
<tr>
<td>Groundwater Treatment System Sludge</td>
<td>Composite sludge samples to be taken from each treatment tank whose purpose is to accumulate sludge for disposal (see Figure TP-RP-10-10-06).</td>
</tr>
</tbody>
</table>
### TABLE 2
Flow Monitoring Results
*August 2005 Report for IM No. 3 Groundwater Treatment System*

<table>
<thead>
<tr>
<th>Parameter</th>
<th>System Influent</th>
<th>System Effluent</th>
<th>RO Concentrate</th>
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</thead>
<tbody>
<tr>
<td>Average Monthly Flowrate (gpm)</td>
<td>72.9</td>
<td>62.2</td>
<td>10.0</td>
</tr>
</tbody>
</table>
### TABLE 3
Influent Monitoring Results
August 2005 Monthly Report for Interim Measures No.3 Groundwater Treatment System

<table>
<thead>
<tr>
<th>Sample ID</th>
<th>Date</th>
<th>Sampling Frequency</th>
<th>TDS (mg/L)</th>
<th>Turbidity (NTU)</th>
<th>Specific Conductance (µmhos/cm)</th>
<th>pH</th>
<th>Chromium (µg/L)</th>
<th>Hexavalent Chromium (µg/L)</th>
<th>Aluminium (µg/L)</th>
<th>Ammonia (as N) (µg/L)</th>
<th>Antimony (µg/L)</th>
<th>Arsenic (µg/L)</th>
<th>Barium (µg/L)</th>
<th>Boron (mg/L)</th>
<th>Copper (µg/L)</th>
<th>Fluoride (µg/L)</th>
<th>Lead (µg/L)</th>
<th>Manganese (µg/L)</th>
<th>Molybdenum (µg/L)</th>
<th>Nickel (µg/L)</th>
<th>Nitrate (mg/L)</th>
<th>Nitrite (mg/L)</th>
<th>Sulfate (mg/L)</th>
<th>Iron (µg/L)</th>
<th>Zinc (µg/L)</th>
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</thead>
<tbody>
<tr>
<td>SC-100B-WDR-001</td>
<td>8/1/2005</td>
<td>Twice Weekly</td>
<td>6100</td>
<td>0.103</td>
<td>9390</td>
<td>7.48</td>
<td>3850</td>
<td>4250</td>
<td>ND (52)</td>
<td>ND (5.0)</td>
<td>ND (10)</td>
<td>24.6</td>
<td>1.43</td>
<td>20.2</td>
<td>2.49</td>
<td>ND (2.8)</td>
<td>ND (50)</td>
<td>26.7</td>
<td>7.10</td>
<td>5.19</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>ND (5.0)</td>
<td>ND (2.8)</td>
</tr>
<tr>
<td>SC-100B-WDR-003</td>
<td>8/8/2005</td>
<td>Twice Weekly</td>
<td>5980 J</td>
<td>ND (0.1)</td>
<td>9240</td>
<td>7.54</td>
<td>4960</td>
<td>4270</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>24.3</td>
<td>1.37</td>
<td>13.5</td>
<td>2.54</td>
<td>ND (2.1)</td>
<td>ND (50)</td>
<td>26.7</td>
<td>7.40</td>
<td>5.19</td>
<td>---</td>
<td>---</td>
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</tr>
<tr>
<td>SC-100B-WDR-004</td>
<td>8/11/2005</td>
<td>Twice Weekly</td>
<td>6060 J</td>
<td>ND (0.1)</td>
<td>9260</td>
<td>7.48</td>
<td>4830</td>
<td>4210 J</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>20.4</td>
<td>1.43</td>
<td>20.2</td>
<td>2.49</td>
<td>ND (2.8)</td>
<td>ND (50)</td>
<td>26.7</td>
<td>7.10</td>
<td>5.19</td>
<td>---</td>
<td>---</td>
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<tr>
<td>SC-100B-WDR-005</td>
<td>8/16/2005</td>
<td>Twice Weekly</td>
<td>6170</td>
<td>0.11</td>
<td>9230</td>
<td>7.55</td>
<td>4750</td>
<td>4220</td>
<td>ND (200)</td>
<td>ND (0.5)</td>
<td>ND (5.0)</td>
<td>23.2</td>
<td>1.43</td>
<td>20.2</td>
<td>0.07</td>
<td>ND (2.1)</td>
<td>ND (50)</td>
<td>27.6</td>
<td>7.90</td>
<td>5.13</td>
<td>0.0143</td>
<td>ND (3.0)</td>
<td>ND (50)</td>
<td>ND (10)</td>
<td>ND (50)</td>
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<tr>
<td>SC-100B-WDR-006</td>
<td>8/18/2005</td>
<td>Twice Weekly</td>
<td>6150</td>
<td>0.11</td>
<td>9280</td>
<td>7.54</td>
<td>3960</td>
<td>3880</td>
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<tr>
<td>SC-100B-WDR-007</td>
<td>8/22/2005</td>
<td>Twice Weekly</td>
<td>6000 J</td>
<td>ND (0.1)</td>
<td>9100</td>
<td>7.59</td>
<td>4110</td>
<td>4100</td>
<td>ND (52)</td>
<td>ND (5.0)</td>
<td>ND (10)</td>
<td>26.4</td>
<td>1.43</td>
<td>20.2</td>
<td>2.75</td>
<td>ND (2.1)</td>
<td>ND (52)</td>
<td>28.0</td>
<td>6.30</td>
<td>5.10</td>
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<tr>
<td>SC-100B-WDR-009</td>
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<td>6380 J</td>
<td>0.175</td>
<td>7080</td>
<td>7.61</td>
<td>4540</td>
<td>4000</td>
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<td>ND (10)</td>
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<td>1.02</td>
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<td>ND (50)</td>
<td>22.0</td>
<td>5.69</td>
<td>5.51</td>
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</tr>
</tbody>
</table>

**NOTES:**

--- = not required by the WDR Monitoring and Reporting Program

µg/L = micrograms per liter
mg/L = milligrams per liter
NTU = nephelometric turbidity units
µmhos/cm = micro ohms per centimeter
ND = parameter not detected at the listed reporting limit
J = concentration or reporting limits estimated by laboratory or validation

- Sampling Location for all Influent Samples is tap on pipe from extraction wells into tank T-100 (see attached P&ID TP-PR-10-10-04)
- Units reported in this table are those units required in the WDRs
- Boron, Calcium, Iron, Magnesium, Manganese, Potassium and Sodium were analyzed by two laboratories for some samples. This table contains data from the primary laboratory when available. Both sets of data are contained in the appendix.
### Table 4: Effluent Monitoring Results

#### Board Order No. R7-2004-0103 Waste Discharge Requirements (WDRs)

#### August 2005 Monthly Report for Interim Measures No. 3 Groundwater Treatment System

<table>
<thead>
<tr>
<th>Sample ID</th>
<th>Date</th>
<th>Ave. Monthly</th>
<th>Max Daily</th>
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</thead>
<tbody>
<tr>
<td>SC-700B-WDR-001</td>
<td>8/1/2005</td>
<td>2840</td>
<td>ND (0.1)</td>
</tr>
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<td>SC-700B-080305</td>
<td>8/3/2005</td>
<td>2710</td>
<td>ND (0.1)</td>
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<td>8/4/2005</td>
<td>2720 J</td>
<td>ND (1.0)</td>
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<td>8/7/2005</td>
<td>3450</td>
<td>ND (0.1)</td>
</tr>
<tr>
<td>SC-700B-WDR-003</td>
<td>8/8/2005</td>
<td>3540 J</td>
<td>ND (0.1)</td>
</tr>
<tr>
<td>SC-700B-WDR-004</td>
<td>8/11/2005</td>
<td>3340</td>
<td>ND (0.1)</td>
</tr>
<tr>
<td>SC-700B-WDR-005</td>
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<td>3300</td>
<td>ND (0.1)</td>
</tr>
<tr>
<td>SC-700B-WDR-006</td>
<td>8/18/2005</td>
<td>3320</td>
<td>ND (0.1)</td>
</tr>
<tr>
<td>SC-700B-WDR-007</td>
<td>8/22/2005</td>
<td>3400</td>
<td>ND (0.1)</td>
</tr>
<tr>
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<td>8/25/2005</td>
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<td>ND (0.1)</td>
</tr>
<tr>
<td>SC-700B-WDR-009</td>
<td>8/29/2005</td>
<td>3630</td>
<td>ND (0.1)</td>
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#### Sampling Frequency

<table>
<thead>
<tr>
<th></th>
<th>Twice Weekly</th>
<th>Monthly</th>
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<tr>
<td><strong>TDS</strong></td>
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<tr>
<td><strong>Turbidity</strong></td>
<td></td>
<td></td>
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<tr>
<td><strong>Specific Conductance</strong></td>
<td>µmhos/cm</td>
<td></td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Chromium</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Hexavalent Chromium</strong></td>
<td>µg/L</td>
<td></td>
</tr>
<tr>
<td><strong>Aluminium</strong></td>
<td>µg/L</td>
<td></td>
</tr>
<tr>
<td><strong>Ammonia (as N)</strong></td>
<td>mg/L</td>
<td></td>
</tr>
<tr>
<td><strong>Antimony</strong></td>
<td>µg/L</td>
<td></td>
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<tr>
<td><strong>Arsenic</strong></td>
<td>µg/L</td>
<td></td>
</tr>
<tr>
<td><strong>Barium</strong></td>
<td>µg/L</td>
<td></td>
</tr>
<tr>
<td><strong>Boron</strong></td>
<td>mg/L</td>
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</tr>
<tr>
<td><strong>Copper</strong></td>
<td>µg/L</td>
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<td><strong>Fluoride</strong></td>
<td>mg/L</td>
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<tr>
<td><strong>Lead</strong></td>
<td>µg/L</td>
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<tr>
<td><strong>Manganese</strong></td>
<td>µg/L</td>
<td></td>
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<tr>
<td><strong>Molybdenum</strong></td>
<td>µg/L</td>
<td></td>
</tr>
<tr>
<td><strong>Nickel</strong></td>
<td>µg/L</td>
<td></td>
</tr>
<tr>
<td><strong>Nitrate (as N)</strong></td>
<td>mg/L</td>
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</tr>
<tr>
<td><strong>Nitrite (as N)</strong></td>
<td>mg/L</td>
<td></td>
</tr>
<tr>
<td><strong>Sulfate</strong></td>
<td>mg/L</td>
<td></td>
</tr>
<tr>
<td><strong>Iron</strong></td>
<td>µg/L</td>
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</tr>
<tr>
<td><strong>Zinc</strong></td>
<td>µg/L</td>
<td></td>
</tr>
</tbody>
</table>

### Notes:

- (---) = not required by the WDR Monitoring and Reporting Program
- NA = not applicable
- µg/L = micrograms per liter
- mg/L = milligrams per liter
- NTU = nephelometric turbidity units
- µmhos/cm = micro ohms per centimeter
- ND = parameter not detected at the listed reporting limit
- J = concentration or reporting limits estimated by laboratory or validation

**a** Sampling location for all Effluent Samples is tap on pipe downstream from tank T-700 to injection well IW-2 (see attached P&ID TP-PR-10-10-04)

**b** In addition to the listed effluent limits, the WDRs state that the effluent shall not contain heavy metals, chemicals, pesticides or other constituents in concentrations to

**c** Units reported in this table are those units required in the WDRs

Boron, Calcium, Iron, Magnesium, Manganese, Potassium and Sodium were analyzed by two laboratories for some samples. This table contains data from the primary laboratory when available. Both sets of data are contained in the appendix.
TABLE 5
Reverse Osmosis Concentrate Results
August 2005 Monthly Report for Interim Measures No.3 Groundwater Treatment System

| Date       | Sample ID | Analysis Units | TDS mg/L | Specific Conductance µmhos/cm | pH | Chromium mg/L | Hexavalent Chromium mg/L | Antimony mg/L | Arsenic mg/L | Barium mg/L | Beryllium mg/L | Cadmium mg/L | Cobalt mg/L | Copper mg/L | Fluoride mg/L | Lead mg/L | Molybdenum mg/L | Mercury mg/L | Nickel mg/L | Selenium mg/L | Silver mg/L | Thallium mg/L | Vanadium mg/L | Zinc mg/L |
|------------|-----------|----------------|----------|-------------------------------|----|----------------|--------------------------|---------------|---------------|-------------|----------------|--------------|-------------|-------------|--------------|-----------|----------------|---------------|------------|----------------|-------------|-------------|---------------|-----------|-------------|---------------|----------|
| 8/1/2005   | SC-701-WDR-001 | 19600       | 33400    | 7.84                          | 0.0043 | 0.0022         | ---                     | ---            | ---            | ---          | ---            | ---          | ---         | ---         | ---          | ---       | ---            | ---          | ---       | ---            | ---         | ---         | ---            | ---       | ---         | ---            | ---   |
| 8/16/2005  | SC-701-WDR-005 | 20600 J     | 34200    | 7.94                          | 0.0066 | 0.0028         | ND (0.01)               | ND (0.01)      | ND (0.057)    | ND (0.003)  | ND (0.01)      | ND (0.01)  | ND (0.01)  | ND (0.01)  | ND (0.0743)  | ND (0.0002) | 0.0318      | 0.0209      | 0.0107   | ND (0.015)    | ND (0.0534) | ND (0.052) | ---            | ---       | ---         | ---            | ---   |
| 8/18/2005  | SC-701-WDR-006 | 20600 J     | 34400    | 7.95                          | ND (0.01) | 0.0022         | ---                     | ---            | ---            | ---          | ---            | ---          | ---         | ---         | ---          | ---       | ---            | ---          | ---       | ---            | ---         | ---         | ---            | ---       | ---         | ---            | ---   |
| 8/22/2005  | SC-701-WDR-007 | 20600 J     | 33700    | 7.91                          | 0.0014 | 0.0025         | ---                     | ---            | ---            | ---          | ---            | ---          | ---         | ---         | ---          | ---       | ---            | ---          | ---       | ---            | ---         | ---         | ---            | ---       | ---         | ---            | ---   |

NOTES:

- (---) = not required by the WDR Monitoring and Reporting Program.
- µg/L = micrograms per liter
- mg/L = milligrams per liter
- µmhos/cm = micro ohms per centimeter
- ND = parameter not detected at the listed reporting limit
- J = concentration or reporting limits estimated by laboratory or validation

**a** Sampling Location for all Reverse Osmosis Samples is tap on pipe T-701 (see attached P&ID TP-PR-10-10-08)

**b** Limits reported in this table are those units required in the WDRs

Boron, Calcium, Iron, Magnesium, Manganese, Potassium and Sodium were analyzed by two laboratories for some samples. This table contains data from the primary laboratory when available. Both sets of data are contained in the appendix.
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### Table 6

Board Order No. R7-2004-0103 Waste Discharge Requirements (WDRs)

#### Monitoring Information

August 2005 Monthly Report for Interim Measures No.3 Groundwater Treatment System

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**Board Order No. R7-2004-0103 Waste Discharge Requirements (WDRs)**

Monitoring Information

**August 2005 Monthly Report for Interim Measures No.3 Groundwater Treatment System**

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August 2005 Monthly Report for Interim Measures No.3 Groundwater Treatment System

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### Monitoring Information

**August 2005 Monthly Report for Interim Measures No.3 Groundwater Treatment System**

#### TABLE 6

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**NOTES:**

- **SC-700B** = Sampling location for all Effluent Samples is tap on pipe downstream from tank T-700 to injection well IW-2 (see attached P&ID TP-PR-10-10-04)
- **SC-100B** = Sampling Location for all Influent Samples is tap on pipe from extraction wells into tank T-100 (see attached P&ID TP-PR-10-10-04)
- **SC-701** = Sampling Location for all Reverse Osmosis Samples is tap on pipe T-701 (see attached P&ID TP-PR-10-10-08)
Figures