

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
CENTRAL VALLEY REGION  
MONITORING AND REPORTING PROGRAM NO. R5-2007-XXXX

FOR  
RICHARD SYKORA  
AND  
THE UNITED STATES DEPARTMENT OF AGRICULTURE, FOREST SERVICE  
RED INK MAID AND BIG SEAM MINE  
PLACER COUNTY

The Red Ink Maid and Big Seam Mine is an underground lode gold mine. Waste rock created by drilling and blasting inside the mine is transported out of the underground workings to the mine waste dumps. Analysis of mining waste from the site indicates that the waste is classified as a Group C mining waste. Based on waste characterization analysis, the discharge of waste rock from the mine should not pose a significant threat to water quality, other than turbidity.

This Monitoring and Reporting Program (MRP) is intended to eliminate unnecessary monitoring costs, while ensuring that the monitoring program meets the requirements of Title 27 California Code of Regulations (27 CCR). The monitoring program herein represents a 27 CCR Section 20080(b)(2) engineered alternative to the prescriptive standards required for a mining unit under Section 20385(b). This monitoring and reporting program implements the provisions found in the State Water Resources Control Board (State Water Board) Water Quality Order No. 97-03-DWQ (General Industrial Permit) Discharges of Storm Water Associated with Industrial Activities in place of a surface water monitoring plan.

Compliance with this Monitoring and Reporting Program, and with the companion Standard Provisions and Reporting Requirements, is ordered by Waste Discharge Requirements Order No. \_\_\_\_\_. Failure to comply with this Program, or with the Standard Provisions and Reporting Requirements dated September 2003, constitutes noncompliance with the WDRs and with the Water Code, which can result in the imposition of administrative civil liability.

#### **A. MONITORING**

The Discharger shall comply with the monitoring program provisions in accordance with Provisions for Monitoring in the Standard Provisions and Reporting Requirements (2003). All monitoring shall be conducted in accordance with a Sample Collection and Analysis Plan, which include quality assurance/quality control standards, that are acceptable to the Executive Officer.

Method detection limits and practical quantitation limits shall be reported. All peaks shall be reported, including those, which cannot be quantified and/or specifically identified. The Discharger may, with the approval of the Executive Officer, use alternative analytical test methods, including new USEPA approved methods, provided the methods have method detection limits equal to or lower than the analytical methods specified in this Monitoring and Reporting Program.

### 1. Waste Discharge Monitoring

The Discharger shall monitor all wastes discharged to the mine waste dump in accordance with the methods and frequencies specified in Table 1 and report the results in the Annual Monitoring Summary Report:

<b>Table 1 - Waste Dump #5 Discharge Monitoring</b>		
<u>Parameters</u>	<u>Units</u>	<u>Frequency</u>
Quantity Discharged	tons or cubic yards	Monthly
Estimated Quantity Discharged	tons or cubic yards	Annual
Estimated Remaining Capacity	tons or cubic yards	Annual

### 2. Stormwater Monitoring

The monitoring and reporting conducted for the Discharger’s general industrial permit is sufficient to fulfill the requirements of this section. All stormwater monitoring points shall be sampled and analyzed for monitoring parameters and constituents of concern as indicated and listed in Table 2, below. The points of compliance for stormwater monitoring shall be the points S1, S2, and S3, described in the Dischargers *Revised Storm Water Pollution Prevention Plan for the Big Seam and Red Ink Maid Mining Claims* (SWPPP) dated 4 September 2007.

<b>Table 2 - Stormwater Monitoring</b>		
<u>Monitoring Parameters</u>	<u>Units</u>	<u>Frequency</u>
pH	pH number	Annually
Total Suspended Solids	mg/L	Annually
Specific Conductance	µmhos/cm	Annually
Total Organic Carbon	mg/L	Annually
Blasting Residues (EPA 300 and 350.1)	mg/L	Annually
Diesel and Lubricants (EPA 8015 and 1664)	µg/L	Annually

### 3. Facility Monitoring

#### a. Facility Inspection

Annually, prior to the anticipated rainy season, but no later than **30 September**, the Discharger shall conduct an inspection of the facility. The inspection shall assess the status of the surface water drainage controls and the vegetative cover on waste

dumps #1-5, including any necessary measures that establish self-sustaining plant cover that helps to control erosion, reduce infiltration, and provide for increased slope stability. Any necessary construction, maintenance, or repairs shall be completed by **31 October**. By **15 November** of each year, the Discharger shall submit an annual Facility Inspection Report describing the results of the inspection and the repair measures implemented, including photographs of the problem and the repairs.

**b. Storm Events**

The Discharger shall inspect all precipitation, diversion, and drainage facilities for damage within 7 days following major storm events. The inspection shall assess damage to the drainage control system and waste dumps #1-5 and shall include the Standard Observations contained in section XII.S., of the Standard Provisions and Reporting Requirements. Necessary repairs shall be completed within 30 days of the inspection. The Discharger shall report any damage and subsequent repairs within 45 days of completion of the repairs, including photographs of the problem and the repairs.

**B. REPORTING**

The Discharger shall report monitoring data and information as required in this Monitoring and Reporting Program and as required in the Standard Provisions and Reporting Requirements. Reports, which do not comply with the required format, will be **REJECTED** and the Discharger shall be deemed to be in noncompliance with the WDRs. In reporting the monitoring data required by this program, the Discharger shall arrange the data in tabular form so that the date, the constituents, the concentrations, and the units are readily discernible. The data shall be summarized in such a manner so as to illustrate clearly the compliance with waste discharge requirements or the lack thereof. A short discussion of the monitoring results, including notations of any water quality violations shall precede the tabular summaries.

**C. REQUIRED MONITORING REPORTS AND SUBMITTAL DATES**

**1. Annual Monitoring Summary Report**

By **1 July** of each year, the Discharger shall submit an Annual Monitoring Summary Report covering the previous monitoring year. The report shall include a copy of the annual industrial stormwater report. The annual report shall contain the following information:

- a.** A transmittal letter explaining the essential points in each report shall accompany each report. Such a letter shall include a discussion of any violations found since the last such report was submitted, and shall describe actions taken or planned for correcting those violations. If the Discharger has previously submitted a detailed time schedule for

correcting the violations, a reference to the correspondence transmitting such schedule will be satisfactory. If no violations have occurred since the last submittal, this shall be stated in the letter of transmittal.

- b. A map or aerial photograph showing the locations of the Monitoring Points.
- c. Laboratory statements of results of all analyses evaluating compliance with requirements.
- d. A summary and certification of completion of all Standard Observations for the Waste Management Unit (WMU), for the perimeter of the WMU, and for the receiving waters.
- e. The quantity and types of wastes discharged and the locations in the WMU where waste has been placed since submittal of the last such report.
- f. A comprehensive discussion of the compliance record, and the result of any corrective actions taken or planned which may be needed to bring the Discharger into full compliance with the waste discharge requirements.
- g. A written summary of the monitoring results, indicating any changes made or observed since the previous annual report.

## 2. Facility Inspection Report

The Facility inspection report required by Section A, 3, a, is due by **15 November** each year.

## 3. Response to a Release

If the Discharger determines that there is physical evidence, as indicated by water sampling or visual observation, of a release, the Discharger shall immediately notify the Board verbally as to the Monitoring Point(s) and constituent(s), parameter(s), or observations involved, shall provide written notification by certified mail within **seven days** of such determination and implement Response to Release section of the Standard Provisions and Reporting Requirements (2003).

Any person signing a document under this Section shall make the following certification:

“I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments 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 fine and imprisonment.”

The Discharger shall implement the above monitoring program on the effective date of this Order.

Ordered by: \_\_\_\_\_  
PAMELA C. CREEDON, Executive Officer

\_\_\_\_\_  
Date