
Central Valley Regional Water Quality Control Board

NOTICE OF APPLICABILITY

13 June 2013

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GENERAL ORDER R5-2008-0081-122, NPDES CAG995001, WASTE DISCHARGE REQUIREMENTS FOR DEWATERING AND OTHER LOW THREAT DISCHARGES TO SURFACE WATERS, CITY OF REDDING UTILITY IMPROVEMENT PROJECT DEWATERING, SHASTA COUNTY

The Central Valley Regional Water Quality Control Board (Central Valley Water Board) received your National Pollutant Discharge Elimination System (NPDES) permit application. Based on the information provided in the application, the City of Redding and its contractor Prudent Technologies, Inc. (hereafter jointly referred to as 'Discharger') propose to discharge groundwater dewatered from trenching operations on the City of Redding Utility Improvement Project to city owned storm drains leading to the Sacramento River. This Notice of Applicability applies coverage under NPDES General Order R5-2008-0081 for construction dewatering discharges to surface waters for this project.

Discharge Description

The Discharger anticipates the dewatering of groundwater from trenching operations as part of the City of Redding Utility Improvement construction project and plans to evacuate and dispose of the water by discharging it to storm water drain inlets located within the project. The storm drains discharge directly into the Sacramento River.

The Discharger estimates up to .25 MGD of clean groundwater will be discharged to surface waters. Prior to discharge to the storm drain inlets the water will be treated as described below.

Proposed Treatment System

The Discharger proposes to use a filter fabric wrapped pump intake to minimize sediment in the pumped flow. A pumped-silt filtration system (silt bag) will be installed near the storm drain inlets to eliminate turbidity and sediment from discharging to surface waters while dewatering operations are in place. The dewatering pumps will pump the groundwater into the silt bag and then the filtered effluent from the silt bag system will be routed to the storm drain inlets using gravel bag check dams. The Discharger may bypass the silt bag if very clear groundwater conditions are observed to facilitate better flow. The dewatering system will only be operated when personnel are present, and the dewatering operations will be shut down if turbid water is observed discharging to the storm drain inlets or a visible plume is observed in the receiving water (Sacramento River).

Notice of Applicability

Based on the data provided in the permit application, Regional Water Board staff finds that the above mentioned discharge is authorized under the terms and conditions of *General Order R5-2008-0081, NPDES No. CAG995001, Waste Discharge Requirements for Dewatering and Other Low Threat Discharges to Surface Water* (General Order).

You are hereby assigned enrollee number R5-2008-0081-122 for discharges from dewatering activities for the City of Redding Utility Improvement Project. A copy of the General Order is enclosed for your use. **Please read this Notice of Applicability and the General Order carefully. You must maintain copies of these documents at the facility for reference and use by operations personnel.**

Monitoring and Reporting Program

Monitoring shall be conducted by the Discharger as described in the Monitoring and Reporting Program (Attachment E of Order No. R5-2008-0081). Monitoring stations shall be established as outlined in the General Order, Attachment E, Table E-1.

In addition to the Monitoring and Reporting Program outlined in the General Order, the Discharger shall also conduct the following visual monitoring program:

- A. Visually monitor dewatering operations for the presence of turbidity or other pollutants:
 1. Each day at start-up
 2. Every-two hours during dewatering operations
 3. When a new dewatering location is added.

- B. Visual monitoring stations shall include:
 1. The location where the water enters the pump intake
 2. The location of discharge from the pumped-silt filtration system
 3. The location of the storm drain outfall to the Sacramento River

- C. In conducting the visual monitoring program a log shall be kept of the conditions observed.

Monitoring reports are required under the terms of this permit as described in Attachment E to the General Order. Failure to submit the required monitoring reports will subject you to the imposition of minimum mandatory penalties. In addition, you must submit a notice of termination when the project is completed or fees will continue and potentially subject you to the imposition of minimum mandatory penalties for failure to submit a report.

If you have any questions regarding the Notice of Applicability or the permit, please contact Dannas Berchtold at (530) 224-4783 or dberchtold@waterboards.ca.gov. All technical reports required by this Notice should be sent to her attention.

(for) PAMELA C. CREEDON
Executive Officer

DJB:lmw

Enclosures: General Order No. R5-2008-0081

cc w/o encl: Department of Fish and Game, Region 1, Redding
Department of Health Services, Office of Drinking Water, Redding
Mr. Phil Isorena, SWRCB, Division of Water Quality, Sacramento
Mr. Jon Oldham, City of Redding, Redding

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