



# California Regional Water Quality Control Board Central Valley Region

**Karl E. Longley, ScD, P.E., Chair**



**Matthew Rodriguez**  
Secretary for  
Environmental Protection

11020 Sun Center Drive, #200, Rancho Cordova, California 95670-6114  
(916) 464-3291 • FAX (916) 464-4645  
<http://www.waterboards.ca.gov/centralvalley>

**Edmund G. Brown Jr.**  
Governor

17 February 2012

Phil Govea, P.E.  
Deputy Director of Public Works  
City of Manteca  
1001 West Center Street, Suite E  
Manteca, CA 95337

CERTIFIED MAIL  
7010 3090 0001 4843 1513

## **NOTICE OF APPLICABILITY (NOA); LIMITED THREAT GENERAL WASTE DISCHARGE REQUIREMENTS ORDER R5-2008-0082 (GENERAL ORDER); CITY OF MANTECA, WOODWARD AVENUE UTILITY AND STREET IMPROVEMENT PROJECT, SAN JOAQUIN COUNTY**

On 24 June 2011, our office issued a Notice of Applicability for the Woodward Avenue Utility and Street Improvement Project for coverage under the General Order for Dewatering and Other Low Threat Discharges to Surface Water (Low Threat General Order) and was assigned Order R5-2008-0081-098. Due to higher than expected flows that exceed the eligibility requirements of the Low Threat General Order, the City of Manteca (Discharger) submitted a Report of Waste Discharge application on 18 January 2012, requesting coverage under the General Order for Limited Threat Discharges of Treated/Untreated Groundwater from Cleanup Sites, Wastewater from Superchlorination Projects, and Other Limited Threat Wastewaters to Surface Water (Limited Threat General Order).

Based on the application packet and subsequent information submitted by the Discharger, staff has determined that the project meets the required conditions for approval under the Limited Threat General Order. This project is hereby assigned Limited Threat General Order R5-2008-0082-025 and National Pollutant Discharge Elimination System (NPDES) Permit No. CAG995002. Please reference your Limited Threat General Order R5-2008-0082-025, in your correspondence and submitted documents.

This NOA rescinds the existing coverage identified as General Order R5-2008-0081-098, except for purposes of enforcement, which includes submittal of all required quarterly self monitoring reports, including the First Quarter 2012 monitoring report for discharges under the Low Threat General Order through the date of this NOA.

The Limited Threat General Order is enclosed, and may also be viewed at the following web address:

***California Environmental Protection Agency***

[http://www.waterboards.ca.gov/centralvalley/board\\_decisions/adopted\\_orders/general\\_orders/r5-2008-0082.pdf](http://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/general_orders/r5-2008-0082.pdf). You are urged to familiarize yourself with the contents of the entire document. The Limited Threat General Order prescribes mandatory discharge monitoring and reporting requirements. The project activities shall be operated in accordance with the requirements contained in this NOA and the Limited Threat General Order.

### **PROJECT DESCRIPTION**

The Discharger proposes to construct 25 extraction wells to pump and discharge groundwater associated with the construction of 13,800 linear feet of sewer and storm water pipelines along Woodward Avenue in the City of Manteca. The project also proposes to discharge dechlorinated potable water from hydrostatic testing of the newly installed pipelines. In an effort to minimize traffic disruptions, construction will be performed in one-half mile segments.

The maximum groundwater flow from the extraction wells during construction will be an average daily flow of 1.0 million gallons per day. The construction project will be divided into six sections. Hydrostatic testing will occur after construction of each one-half mile section. The hydrostatic testing discharge will last for approximately one day for each section and the average daily discharge will be 0.28 million gallons per day. The potable water will be dechlorinated prior to discharge to surface waters.

The City of Manteca has obtained permission from South San Joaquin Irrigation District (SSJID) to use its irrigation drainage pipelines for discharge. Therefore, groundwater and dechlorinated potable water will be discharged into the local irrigation drainage pipelines owned by SSJID. The SSJID pipelines flow to the French Camp Outlet Canal, which is tributary to French Camp Slough and the San Joaquin River, within the Sacramento-San Joaquin Delta.

### **CALIFORNIA TOXIC RULE / STATE IMPLEMENTATION POLICY MONITORING**

The Limited Threat General Order incorporates the requirements of the California Toxic Rule (CTR) and the State Water Resources Control Board's (State Water Board), *Policy for Implementation of Toxic Standards for Inland Surface Waters, Enclosed Bays, and Estuaries of California*, 2005, also known as the State Implementation Policy (SIP).

Screening levels for CTR constituents are found in Attachment B of the Limited Threat General Order. Review of your effluent water quality data in comparison to the CTR screening values, showed no reasonable potential for the discharge to cause or contribute to an exceedence of the CTR water quality objectives in the receiving water. However, due to the discharge flow rate of 1.0 million gallons daily, this discharge has a limited threat to water quality.

### **EFFLUENT LIMITATIONS**

Effluent limitations are specified in Section V. EFFLUENT LIMITATIONS AND DISCHARGE SPECIFICATIONS of the Limited Threat General Order. The following effluent limitations are applicable to this discharge and are contained in Section V. A through C of the Limited Threat General Order:

**A. Effluent Limitations – Applicable to All Limited Threat Discharges**

**2. Acute Whole Effluent Toxicity.** Survival of aquatic organisms in 96-hour bioassays of undiluted waste for all limited threat discharges shall be no less than:

- a. 70%, minimum for any one bioassay; and
- b. 90%, median for any three consecutive bioassays.

**B. Effluent Limitations – Limited Threat Dischargers to Specific Waterbodies**

**4.** The pH of all limited threat discharges within the Sacramento and San Joaquin River Basins (except Goose Creek) shall at all times be within the range of 6.5 to 8.5.

**C. Effluent Limitations – Limited Threat Discharges from Superchlorination Projects**

**1. Total Residual Chlorine.** In addition to the effluent limitations contained in Sections V.A. and V.B. above, the discharge from a superchlorination project shall not exceed the following effluent limitations for total residual chlorine:

- a. 0.011 mg/L, as a 4-day average; and
- b. 0.019 mg/L, as a 1-hour average.

**MONITORING AND REPORTING**

Monitoring and reporting requirements are contained in Attachment E of the Limited Threat General Order. The Discharger is required to comply with the following monitoring and reporting requirements for the effluent and receiving water as specified in Attachment E of the Limited Threat General Order.

*Effluent Monitoring* – The Discharger shall monitor the effluent as required in Table E-2 for Total Flow, Electrical Conductivity @ 25°C, pH, and Whole Effluent Toxicity, and as required in Table E-4 for total residual chlorine for the hydrostatic testing discharges.

Any excursion above the 1-hour average or 4-day average total residual chlorine effluent limitations and greater than or equal to a reporting level of 0.08 mg/L is an

effluent limit violation. A positive dechlorination agent residual in the effluent indicates that chlorine is not present in the discharge, which demonstrates compliance with the effluent limitations. This type of monitoring can also be used to prove that some chlorine residual exceedances are false positives. Monitoring data showing either a positive dechlorination agent residual or a chlorine residual at or below the prescribed limits are sufficient to show compliance with the total residual chlorine effluent limitations, as long as the instruments are maintained and calibrated in accordance with the manufacturer's recommendations.

*Receiving Water Monitoring* – None required.

Monitoring reports shall be submitted to the Central Valley Water Board on a quarterly basis, and shall begin with the first Quarter 2012 Report, which will include monitoring required as of the date of this NOA. Quarterly monitoring reports must be submitted until your coverage is formally terminated in accordance with the Limited Threat General Order, even if there is no discharge or receiving water flow during the reporting quarter.

The French Camp Outlet Canal is not listed under the Clean Water Act 303(d) List of impaired water bodies. Therefore, no additional monitoring is required.

### **GENERAL INFORMATION AND REQUIREMENTS**

The Central Valley Water Board shall be notified immediately if any effluent limit violation is observed during implementation of the project. Discharge of material other than what is described in the application is prohibited. The required annual fee (as specified in the annual billing you will receive from the State Water Resources Control Board) shall be submitted until this NOA is officially terminated. You must notify this office in writing when the discharge regulated by the Limited Threat General Order is no longer necessary. If a timely written request is not received, the Discharger will be required to pay additional annual fees as determined by the State Water Resources Control Board.

### **ENFORCEMENT**

Failure to comply with the Limited Threat General Order may result in enforcement actions, which could include civil liability. Effluent limitation violations are subject to a Mandatory Minimum Penalty (MMP) of \$3,000 per violation. In addition, late monitoring reports may be subject to MMPs. When discharges do not occur during a quarterly report monitoring period, the Discharger must still submit a quarterly monitoring report indicating that no discharge occurred to avoid being subject to enforcement actions.

### **COMMUNICATION**

All monitoring reports submittals, notification of the beginning and end of discharge, and questions regarding compliance and enforcement shall be directed to Lucio Orellana of the Central Valley Water Board's NPDES Compliance and Enforcement Unit. Mr. Orellana can be reached at (916) 464-4660 or [lorellana@waterboards.ca.gov](mailto:lorellana@waterboards.ca.gov).

Questions regarding the permitting aspects of your Limited Threat General Order, and written notification for termination of coverage under the Order, shall be directed to Mr. Michael Negrete at (916) 464-4662 or at [mnegrete@waterboards.ca.gov](mailto:mnegrete@waterboards.ca.gov).

*Original Signed by Kenneth D. Landau for*  
Pamela C. Creedon  
Executive Officer

Enclosure: General Order No. R5-2008-0082 (Discharger only)

cc: U.S. Environmental Protection Agency, Region IX, San Francisco  
Phil Isorena, Division of Water Quality, State Water Board, Sacramento