

Central Valley Regional Water Quality Control Board

14 November 2016

Greg Showerman
City of Manteca
1001 West Center Street
Manteca, CA 95337

CERTIFIED MAIL
91 7199 9991 7035 8421 0680

NOTICE OF APPLICABILITY

**WATER QUALITY ORDER 2003-0003-DWQ
STATEWIDE WASTE DISCHARGE REQUIREMENTS FOR DISCHARGES TO LAND WITH
A LOW THREAT TO WATER QUALITY
CITY OF MANTECA
CONSTRUCTION DEWATERING FOR THE FAMILY ENTERTAINMENT ZONE
SAN JOAQUIN COUNTY**

On 26 October 2016, the City of Manteca submitted a Notice of Intent (NOI) to obtain coverage under Water Quality Order 2003-0003-DWQ, *Statewide General Waste Discharge Requirements for Discharges to Land with a Low Threat to Water Quality* (hereafter General Order) for construction dewatering at the above-referenced site. Additional information was received on 1 November 2016. The submittals contain all the information required to evaluate applicability of the General Order; therefore, the NOI is considered complete. Based on the information provided in the NOI, the discharge meets the conditions of the General Order. The discharge is hereby covered under State Water Resources Control Board General Order 2003-0003-DWQ-0156. Please include this number on all correspondence related to this discharge.

PROJECT LOCATION

The Family Entertainment Zone project includes the underground installation of a 48-inch sewer pipeline which will include construction dewatering. The project site is located north of Highway 120 near Airport Way, at the west of end of Daniels Street, in San Joaquin County.

The Water Quality Control Plan for the Sacramento River and San Joaquin River Basins, Fourth Edition, revised October 2011 (hereafter Basin Plan), designates beneficial uses, establishes water quality objectives, contains implementation plans and policies for protecting waters of the basin, and incorporates by reference plans and policies adopted by the State Water Resources Control Board. Pursuant to §13263(a) of the California Water Code (CWC), waste discharge requirements must implement the Basin Plan.

PROJECT DESCRIPTION

Trenches for sewer pipeline construction are expected to extend approximately 25 feet below ground surface (bgs). Groundwater in the area is approximately 7 to 8 feet bgs. Because of shallow groundwater conditions, it is estimated that 600,000 gallons per day (gpd) of groundwater will need to be discharged in order to install the pipeline. Groundwater will be

KARL E. LONGLEY ScD, P.E., CHAIR | PAMELA C. CREEDON P.E., BCEE, EXECUTIVE OFFICER

11020 Sun Center Drive #200, Rancho Cordova, CA 95670 | www.waterboards.ca.gov/centralvalley

discharged to approximately 70 acres agricultural fields owned by the City of Manteca and used by the Manteca Water Quality Control Facility (WQCF) as recycled water use areas. The City of Manteca has approved the discharge of groundwater from the sewer project to the agricultural fields. These fields will not be used by the WQCF during the discharge of groundwater from the sewer pipeline project. The WQCF's discharge permit (Order No. R5-2015-0026; NPDES No. CA0081558) allows recycled water from the treatment facility to be discharged to surface waters, which will allow the sewer project to use the agricultural fields as land application areas (LAAs).

Dewatering discharge will be transferred into header piping that run to the irrigation fields. Multiple discharge lines will be installed so that if one field cannot be used, the discharge line can be capped and discharge will occur to another irrigation field. This will ensure even distribution of the discharged groundwater over the agricultural fields.

Groundwater samples have been collected from an existing groundwater monitoring well and from a recently installed well near the sewer pipeline installation project. Both groundwater samples had arsenic concentrations in excess of 0.05 milligrams per liter (mg/L), the Maximum Contaminant Level, but less than the Soluble Threshold Limit Concentration (STLC) of 5 mg/L. Therefore, no treatment of the water prior to discharge is required.

The project is scheduled to last approximately 3 months beginning November 2016. The total volume of water to be discharged is estimated at approximately 72 million gallons.

FACILITY-SPECIFIC REQUIREMENTS

The General Order and this Notice of Applicability regulates discharge of construction dewatering for the Family Entertainment Construction Project for the City of Manteca.

1. Water generated during construction dewatering shall be disposed of as described in the Notice of Intent and in accordance with the requirements contained in the General Order.
2. Construction dewatering discharge at a location or in a manner different from that described in the Notice of Intent or this Notice of Applicability is prohibited.
3. Discharge of groundwater shall not occur on the agricultural fields when the WQCF is discharging to the fields.
4. Wastewater shall be discharged to the LAAs that comply with the following setbacks:

Setback Definition	Minimum Irrigation Setback (feet)
Edge of LAA to property boundary	25
Edge of LAA to manmade or natural surface water drainage course	50
Edge of LAA to domestic water supply well	100

5. All technical reports required herein that involve evaluation, or other work requiring interpretation and proper application of engineering or geologic sciences, shall be prepared by or under the direction of persons registered to practice in California pursuant to California Business and Professions Code, section 6735, 7835, and 7835.1.

As required by these laws, completed technical reports must bear the signature(s) and seal(s) of the registered professional(s) in a manner such that all work can be clearly attributed to the professional responsible for the work.

6. Analytical results from samples collected at least once during the project from the extracted groundwater prior to discharging to land shall be submitted in accordance the General Order's Monitoring and Reporting Program.
7. The Discharger shall submit the required annual fee (as specified in the annual billing issued by the State Water Resources Control Board) until the Notice of Applicability is officially terminated.
8. Failure to abide by the conditions of the General Order, including its monitoring and reporting requirements, and this letter authorizing applicability could result in enforcement actions, as authorized by provisions of the California Water Code.

DOCUMENT SUBMITTALS

All monitoring reports and other correspondence should be converted to searchable Portable Document Format (PDF) and submitted electronically. Documents that are less than 50 MB should be emailed to:

centralvalleysacramento@waterboards.ca.gov.

To ensure that your submittal is routed to the appropriate staff person, the following information should be included in the body of the email or any documentation submitted to the mailing address for this office:

Facility Name: Family Entertainment Zone, San Joaquin County		
Program: Non-15 Compliance	Order: R5-2003-0003-DWQ-0156	CIWQS Place ID: 829615

Documents that are 50 MB or larger should be transferred to a CD, DVD, or flash drive and mailed to:

Central Valley Regional Water Quality Control Board
ECM Mailroom
11020 Sun Center Drive, Suite 200
Rancho Cordova, CA 95670

Now that the NOA has been issued, the Board's Compliance and Enforcement section will take over management of your case. Brendan Kenny is your new point of contact for any questions about the Order. In addition, all monitoring and technical reports should be submitted to him. The enclosed transmittal sheet shall be included with each monitoring report. If you find it necessary to make a change to your permitted operations, Brendan will direct you to the appropriate Permitting staff. You may contact Brendan at (916) 464-4635 or at bkenny@waterboards.ca.gov.

Once the discharge is no longer occurring due to project completion, the discharger shall submit a Notice of Termination (Attachment 4 in the General Order) so that this order (R5-2003-0003-DWQ-0156) can be rescinded.


PAMELA C. CREEDON For
Executive Officer

Enclosures: Water Quality Order No. 2003-0003-DWQ
Monitoring Report Submittal Transmittal Form

cc: Rodney Estrada, San Joaquin County Environmental Health Department,
Stockton
Donald Lowe, Knife River Construction, Stockton