



Central Valley Regional Water Quality Control Board

10 January 2022

Phil Crummet
Project Manager
Teichert Construction
4401 Duluth Ave
Rocklin, CA 95765

VIA EMAIL
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NOTICE OF APPLICABILITY (NOA); GENERAL WASTE DISCHARGE REQUIREMENTS ORDER R5-2016-0076-01 FOR LIMITED THREAT DISCHARGES TO SURFACE WATER; TEICHERT CONSTRUCTION, PHASE 2B - ARDEN SERVICES AREA PIPE AND METER INSTALLATION PROJECT, SACRAMENTO COUNTY

Our office received a Notice of Intent on 12 November 2021 from Teichert Construction (hereinafter Discharger), for discharge of non-chlorinated pipeline flushing water to surface water. Based on the application packet submitted by the Discharger, staff has determined that the project meets the required conditions for approval under the General Order for Limited Threat Discharges to Surface Water (Limited Threat General Order), Tier 1A. This project is hereby assigned Limited Threat General Order R5-2016-0076-072 and National Pollutant Discharge Elimination System (NPDES) Permit No. CAG995002. Please reference your Limited Threat General Order number, **R5-2016-0076-072**, in your correspondence and submitted documents.

The project activities shall be operated in accordance with the requirements contained in the Limited Threat General Order and as specified in this NOA. You are urged to familiarize yourself with the entire contents of the enclosed [Limited Threat General Order](#) (https://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/general_orders/r5-2016-0076-01.pdf).

CALIFORNIA TOXICS RULE / STATE IMPLEMENTATION POLICY MONITORING

The Limited Threat General Order incorporates the requirements of the California Toxics Rule (CTR) and the State Water Resources Control Board's (State Water Board), *Policy for Implementation of Toxics 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 and other constituents of concern are found in Attachment I of the Limited Threat General Order. Review of your water quality data in comparison to the screening values, showed

DENISE KADARA, ACTING CHAIR | PATRICK PULUPA, EXECUTIVE OFFICER

reasonable potential for the discharge to cause or contribute to an exceedance of biochemical oxygen demand (BOD) water quality objectives in the American River, which is a water of the United States, and an effluent limit is required in this NOA. Based on the project description it is expected that the discharge will comply with the BOD effluent limitations; therefore, the Project qualifies for coverage under the Limited Threat General Order.

PROJECT DESCRIPTION

The Phase 2b – Arden Services Area Pipe and Meter Installation Project (Project) is in the Sierra Oaks neighborhood of Sacramento, CA (near Latham Drive west) and will discharge to the County of Sacramento Municipal Separate Storm Sewer System in the Sierra Oaks neighborhood of Sacramento before discharging to the American River watershed within the Valley-American hydrologic unit. The purpose of the Project is to install 3,010 linear feet (LF) of 12-inch Ductile Iron Pipe (DIP), 1,120 LF of 10-inch DIP, 16,540 LF of 8-inch DIP, water services, fire hydrants, and associated appurtenances. The discharge water is non-chlorinated flushing water sourced from the Sacramento County Water Agency drinking water system. The water is not treated before discharge.

The discharge is expected to be intermittent for a period not to exceed 120 days.

- Maximum Daily Discharge: 56,500 gallons per day (gpd)
- Average Daily Discharge: 38,720 gpd
- Total Volume of Expected Discharge: 193,600 gallons
- Total Discharge Volume for each Phase of Intermittent Flow:
 - Phase A: 42,000 gallons
 - Phase B: 16,300 gallons
 - Phase C: 53,000 gallons
 - Phase D: 25,900 gallons
 - Phase E: 56,400 gallons

EFFLUENT LIMITATIONS

Effluent limitations are specified in Section V of the Limited Threat General Order. Based on the information provided in the NOI, effluent limitations are only required for the parameter identified in items 1-3, below:

- 1. Flow (Section V.A.1.a).** The flow rate shall not exceed 0.2 MGD.
- 2. pH (Section V.A.1.b.i).** The pH of all limited threat discharges within the Sacramento and San Joaquin River Basins (except Goose Lake in Modoc County) shall at all times be within the range of 6.5 and 8.5.
- 3. Constituents and Parameters of Concern (Section V.A.1.e).** The following constituents and parameters in Table 1 below have been identified as having

exceeded a screening level in Attachment I of the Limited Threat General Order and shall not exceed the effluent limitations as listed.

Table 1. Effluent Limitations for Constituents and Parameters of Concern

Parameter	Units	Average Monthly Effluent Limitations	Maximum Daily Effluent Limitations	Parameters
Biochemical Oxygen Demand (5-day at 20°C)	mg/L	10	20	V.B.1.a

The Lower American River (Nimbus Dam to confluence with Sacramento River) is listed for Bifenthrin, Indicator Bacteria, Mercury, Polychlorinated Biphenyls (PCBs), Pyrethroids, and Toxicity on the Clean Water Act 303(d) List of impaired water bodies. These constituents were not detected in the representative sample submitted as part of the NOI. Therefore, no additional 303(d)-based effluent limitations or monitoring requirements are included in this NOA.

RECEIVING WATER LIMITATIONS

The Limited Threat General Order includes receiving surface water limitations in Section VIII.A. Based on the information provided in the NOI, only the following receiving surface water limitations are applicable to this discharge:

- Bacteria (VIII.A.2);
- Biostimulatory substances (VIII.A.3);
- Chemical constituents (VIII.A.4);
- Color (VIII.A.5);
- Dissolved oxygen (VIII.A.6.a.iv);
- Floating material (VIII.A.7);
- Oil and grease (VIII.A.8);
- pH (VIII.A.9.a);
- Pesticides ((VIII.A.10);
- Radioactivity (VIII.A.11);
- Suspended sediments (VIII.A.12);
- Settleable substances (VIII.A.13);
- Suspended material (VIII.A.14);
- Taste and odors (VIII.A.15);
- Temperature (VIII.A.16.b);
- Toxicity (VIII.A.17); and
- Turbidity (VIII.A.18.a).

MONITORING AND REPORTING

Monitoring and reporting requirements are contained in Attachment C of the Limited Threat General Order. The Discharger is required to comply with the following specific monitoring and reporting requirements for the effluent in accordance with Attachment C of the Limited Threat General Order.

Monitoring Locations – The Discharger shall monitor the effluent at the specified location as follows:

Table 2. Monitoring Station Locations

Discharge Point Name	Monitoring Location Name	Monitoring Location Description
001	EFF-001	A location where a representative sample of the effluent can be collected prior to discharging to the storm drain system.

Effluent Monitoring – When discharging to surface water, the Discharger shall monitor the effluent at EFF-001 in accordance with Table C-3 of the Limited Threat General Order and this NOA. The applicable monitoring requirements are as follows in Table 3 and subsequent Table 3 Notes:

Table 3. Effluent Monitoring Requirements

Parameter	Units	Sample Type	Minimum Sampling Frequency
Total Flow	MGD	Estimate	1/Week
Electrical Conductivity @ 25 °C	µmhos/cm	Grab	1/Week
pH	standard units	Grab	1/Week
Turbidity	NTU	Grab	1/Week
Temperature	°F	Grab	1/Week
Dissolved Oxygen (DO)	mg/L	Grab	1/Week
BOD	µg/L	Grab	1/Month

Table 3 Notes

- Electrical conductivity, pH, turbidity, temperature, and DO.** A hand-held field meter may be used, provided the meter utilizes a U.S. EPA-approved algorithm/method and is calibrated and maintained in accordance with the manufacturer's instructions. A calibration and maintenance log for each meter used for monitoring required by this Monitoring and Reporting Program shall be maintained at the Facility.
- All parameters, except flow.** Pollutants shall be analyzed using the analytical methods described in 40 C.F.R. part 136 or by methods approved by the Central Valley Water Board or the State Water Board.

3. **Hardness.** Monitoring for hardness shall be performed concurrently with effluent sampling for cadmium, chromium (III), copper, lead, nickel, silver, and/or zinc if effluent sampling for any of these pollutants is required.

Receiving Water Monitoring – Not required. The Project discharges directly to the storm drain system which has multiple inputs before reaching the American River. Therefore, receiving water monitoring in the American River would not provide sufficient information to evaluate compliance with the receiving water limitations. Where feasible, compliance with the receiving water limitations will be evaluated through monitoring of the effluent.

Monitoring Report Submittals - Monitoring in accordance with the Limited Threat General Order shall begin upon initiation of discharge. Monitoring Reports shall be submitted to the Central Valley Water Board on a quarterly basis, beginning with the **First Quarter 2022**. This report shall be submitted on **1 May 2022**. All Monitoring Reports shall specify the dates during the monitoring period the discharge did or did not occur. If monitoring samples were not obtained within 24 hours of initiation of the discharge, the Discharger must document the reasons in the corresponding Monitoring Report. If treatment and discharge has not begun there is no need to monitor. However, a certified Monitoring Report must be submitted stating that there has been no discharge. Table 5, below, summarizes the Monitoring Report due dates required under the Limited Threat General Order. 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 during the reporting quarter.

Table 5. Monitoring Periods and Reporting Schedule

Monitoring Period for All Sampling Frequencies	Quarterly Report Due Date
First Quarter (1 January through 31 March)	1 May
Second Quarter (1 April through 30 June)	1 August
Third Quarter (1 July through 30 September)	1 November
Fourth Quarter (1 October through 31 December)	1 February of the following year

GENERAL INFORMATION AND REQUIREMENTS

The Discharger must notify Central Valley Water Board staff within 24 hours of having knowledge of 1) the start of each new discharge, 2) noncompliance, and 3) when the discharge ceases. 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 invoice 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 by submitting the Request for Termination of Coverage (Attachment E). 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 or discretionary penalties of up to \$1,000 per day late. When discharges do not occur during a quarterly monitoring period, the Discharger must still submit a quarterly certified Monitoring Report indicating that no discharge occurred to avoid being subject to enforcement actions.

COMMUNICATION

We have transitioned to a paperless office; therefore, please convert all documents to a searchable Portable Document Format (pdf). All documents, including Monitoring Reports, written notifications, and documents submitted to comply with this NOA and the Limited Threat General Order, should be submitted to the NPDES Compliance and Enforcement Unit, Attention: Paul Wadding at centralvalleysacramento@waterboards.ca.gov. Mr. Wadding may also be reached by phone at (916) 464-4826 or paul.wadding@waterboards.ca.gov.

Please include the following information in the body of the email:

- Attention: NPDES Compliance Unit
- Discharger: Teichert Construction
- Facility: Phase 2B - Arden Services Area Pipe and Meter Installation Project
- County: Sacramento County
- CIWQS Place ID: **878550**

Documents that are 50 megabytes or larger must be transferred to a DVD, or flash drive and mailed to our office, attention "ECM Mailroom-NPDES".

Any person aggrieved by this action of the Central Valley Water Board may petition the State Water Board to review the action in accordance with California Water Code section 13320 and California Code of Regulations, title 23, sections 2050 and following. The State Water Board must receive the petition by 5:00 p.m., 30 days after the date of this NOA, except that if the thirtieth day following the date of this Order falls on a Saturday, Sunday, or state holiday, the petition must be received by the State Water

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Board by 5:00 p.m. on the next business day. Links to the law and regulations applicable to filing petitions may be found on the [Water Quality Petitions Page](http://www.waterboards.ca.gov/public_notices/petitions/water_quality) (http://www.waterboards.ca.gov/public_notices/petitions/water_quality) or will be provided upon request.

Original Digitally Signed By: Adam Laputz

Date: 2022.01.10 15:47:29 – 08'00'

Patrick Pulupa
Executive Officer

Enclosures (2): Attachment A - Project Location Map
 General Order R5-2016-0076-01 (Discharger only)
 Monitoring Report Transmittal Form (Discharger only)

cc: Peter Kozelka, U.S. EPA, Region IX, San Francisco (email only)
 Prasad Gullapalli, U.S. EPA, Region IX, San Francisco (email only)
 Elizabeth Sablad, U.S. EPA, Region IX, San Francisco (email only)
 Division of Water Quality, State Water Board, Sacramento (email
 only)
 Sarah Torres, PG Environmental, Chantilly, Virginia (via email)

ATTACHMENT A – PROJECT LOCATION MAP

