

Central Valley Regional Water Quality Control Board

24 January 2018

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NOTICE OF APPLICABILITY (NOA); GENERAL WASTE DISCHARGE REQUIREMENTS ORDER R5-2016-0076 FOR LIMITED THREAT DISCHARGES TO SURFACE WATER; LAKE ALPINE WATER COMPANY, POTABLE WATER SYSTEM MAINTENANCE PROJECT, ALPINE COUNTY

Our office received a Notice of Intent (application) on 10 October 2017 from the Lake Alpine Water Company (hereinafter Discharger), for discharges to surface water from its Potable Water System Maintenance Project (hereinafter Project). The Discharger submitted an updated Pollution Prevention and Monitoring and Reporting Plan (PPMRP) on 5 December 2017. 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. Furthermore, since the Project has less than 1000 service connections, the Discharger is not required to obtain coverage under the Statewide National Pollutant Discharge Elimination System (NPDES) Permit for Drinking Water System Discharges to Waters of the United States Order 2014-0197-DWQ (NPDES No. CAG140001). Therefore, this project is hereby assigned Limited Threat General Order R5-2016-0076-024 and NPDES Permit No. CAG995002. Please reference your Limited Threat General Order number, **R5-2016-0076-024**, in your correspondence and submitted documents. This NOA shall become effective on **1 February 2018** and the Discharger's coverage under Low Threat General Order R5-2013-0074-088 is terminated as of **1 February 2018**.

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 Limited Threat General Order. To conserve resources, the Limited Threat General Order may be viewed at the following web address:

https://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/general_orders/r5-2016-0076_mod.pdf.

A copy of the Limited Threat General Order can also be obtained by contacting or visiting the Central Valley Water Board's office weekdays between 8:00 AM and 5:00 PM.

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). The Discharger requested a categorical exception for meeting the CTR pollutant criteria in the Limited Threat General Order, as authorized by Section 5.3 of the SIP. The Discharger certified that its discharges are necessary to implement drinking water control measures conducted to fulfill statutory requirements under the Federal Safe Drinking Water Act and the California Health and Safety Code.

PROJECT DESCRIPTION

The Discharger owns and operates a water treatment plant with a 0.60 million gallon per day (MGD) capacity and a distribution system serving 485 customers through 339 metered connections. Source water from Bear Lake is filtered through micro membranes and granulated activated carbon, then chlorinated before it enters the distribution system. The distribution system consists of three storage tanks creating three pressure zones, two pressure relief valves, five backflow prevention assemblies, 50 hydrants, and 110 valves.

The Project consists of discharges from the potable water system that are a necessary part of operating a public water system as permitted by the State Water Board under the authority of the California Safe Drinking Water Act. Discharge rates for the Project will vary depending on the component that is discharging as follows:

Discharge Source	Frequency	Flow (gallons per minute)	Approximate Volume (gallons)
Hydrant Flushing	1/Year	<1200	60,000 / day
Water Main Repairs	As needed	--	As needed
Tank Dewatering (per tank)	As needed	--	< 100,000

Discharges from the potable water system will occur on an as needed basis, and will be less than 0.25 MGD. Discharges can enter Bear Creek in multiple locations (See Project Map), which is generally dry from July through December, and terminates at the North Fork Stanislaus River.

EFFLUENT LIMITATIONS

Effluent limitations are specified in Section V. Effluent Limitations and Discharge Specifications of the Limited Threat General Order. Based on the information provided in the NOI, only effluent limitations for total residual chlorine and pH, as specified in Section V.A.1 of the Limited Threat General Order, are applicable to this discharge. The applicable effluent limitations are shown below:

- 1. Constituents and Parameters of Concern.** The discharge shall comply with the effluent limitations in Table 1.

Table 1. Effluent Limitations for Constituents and Parameters of Concern

Parameter	Units	Effluent Limitations		Limited Threat General Order Section Reference
		Average Monthly	Maximum Daily	
Total Residual Chlorine	mg/L	0.01	0.02	V.A.1.e, Table 4

- pH (Section V.A.1.b.ii).** 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 and 8.5.

Bear Creek is not listed under the Clean Water Act 303(d) List of impaired water bodies. Therefore, no additional 303(d) based effluent limitations or monitoring requirements will be added to 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);
- 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);
- Toxicity (VIII.A.17); and
- Turbidity (VIII.A.18.a).

MONITORING AND REPORTING

Effluent and receiving water analytical monitoring shall be conducted as described in the approved PPMRP and the results submitted to the Central Valley Water Board on a quarterly basis.

Monitoring Report Submittals - Monitoring in accordance with this NOA shall begin on 1 February 2018. Monitoring Reports shall be submitted to the Central Valley Water Board on a quarterly basis, beginning with the **First Quarter 2018**. This report shall be submitted on **1 May 2018**. Table 2, 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 2. Monitoring Periods and Reporting Schedule

Sampling Frequency	Monitoring Period Begins On...	Quarterly Report Due Date
1/Day, 1/Week, 1/Month, 1/Quarter	10 January 2018	1 May (1 Jan – 31 Mar) 1 Aug (1 Apr – 30 Jun) 1 Nov (1 Jul – 30 Sep) 1 Feb, of following year (1 Oct – 31 Dec)

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 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 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 report 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

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 Unit, Attention: Mohammad Farhad. Mr. Farhad can be reached at (916) 464-1181 or Mohammad.Farhad@waterboards.ca.gov.

We have transitioned to a paperless office, therefore, please convert all documents to a searchable Portable Document Format (pdf) and email them to centralvalleysacramento@waterboards.ca.gov. **Please include the following information in the email:** Attention: NPDES Compliance Unit; Discharger: Lake Alpine Water Company; Facility: Potable Water System Maintenance Project; County: Alpine; and the CIWQS place ID 771064 in the body of the email. 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". Please include the attached Monitoring Report Transmittal Form as the first page of each Monitoring Report.

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 Board by 5:00 p.m. on the next business day. Copies of the law and regulations applicable to filing petitions may be found on the internet at: http://www.waterboards.ca.gov/public_notices/petitions/water_quality or will be provided upon request.

ORIGINAL SIGNED BY ADAM LAPUTZ FOR

Pamela C. Creedon
Executive Officer

Enclosures (2): Monitoring Report Transmittal Form (Discharger only)
Project Map

cc: David Smith, U.S. EPA, Region IX, San Francisco (email only)
Afrooz Farsimadan, Division of Water Quality, State Water Board, Sacramento (email only)

