



CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL BOARD

30 November 2021

Aloke Vaid
City of Tracy
3900 Holly Drive
Tracy, CA 95304

CERTIFIED MAIL
7020-1810-0002-0569-6038

NOTICE OF APPLICABILITY

**STATE WATER RESOURCES CONTROL BOARD ORDER WQ 2016-0068-DDW
WATER RECLAMATION REQUIREMENTS FOR RECYCLED WATER USE
CITY OF TRACY
WASTEWATER TREATMENT PLANT
SAN JOAQUIN COUNTY**

Central Valley Regional Water Quality Control Board (Central Valley Water Board) staff reviewed the City of Tracy's (Discharger's) Notice of Intent (NOI), dated 17 August 2021, requesting regulatory coverage under Water Quality Order WQ 2016-0068-DDW, *Water Reclamation Requirements for Recycled Water Use* (hereafter, General Order) for the Discharger's Wastewater Treatment Plant (WWTP). The NOI included the *Title 22 Engineering Report*, dated May 2021, a Form 200, and a technical report. In an email to the Discharger dated 2 July 2022, the Division of Drinking Water (DDW) stated they had no further comments on the Discharger's Title 22 Engineering Report. Based on the information provided in the NOI, the discharge is eligible for coverage under the General Order. This letter serves as formal notice that the General Order is applicable to your system and the discharge describe below. The City of Tracy will act as the Administrator of the recycled water program. You are hereby assigned General Order WQ 2016-0068-DDW-R5020.

You should familiarize yourself with the entire General Order and its attachments enclosed with this letter, which describe mandatory discharge and monitoring requirements. Sampling, monitoring, and reporting requirements applicable to your treatment and disposal methods must be completed in accordance with the appropriate treatment system sections of the General Order and the attached Monitoring and Reporting Program (MRP) WQ 2016-0068-DDW-R5020. The site-specific MRP was developed after consideration of your waste characterization and site conditions.

FACILITY AND DISCHARGE DESCRIPTION

The City of Tracy WWTP is located at 3900 Holly Drive, Tracy in San Joaquin County, as shown on Attachment A. The WWTP provides wastewater treatment and disposal

services for residences, businesses, and industries within the Tracy area. The WWTP consists of a main treatment facility and an industrial facility and includes two separate systems for the collection and conveyance of wastewater to the WWTP. The main treatment facility accepts domestic and commercial wastewater via the City of Tracy's wastewater collection system. The industrial facility accepts industrial food processing wastewater through a segregated pipeline from Leprino Foods Company, a local cheese manufacturer.

The wastewater treatment train includes influent screening, primary treatment sedimentation/ clarification, removing settleable and floatable solids), advanced activated sludge with secondary sedimentation, and tertiary filtration. The eight new tertiary filters were placed into operation in early 2008. Tertiary effluent is disinfected using chlorine gas and ammonia, and it is dechlorinated using sulfur dioxide gas before final discharge to surface water (Old River). The surface water discharge to Old River is regulated under WDRs Order No. R5-2017-0113 (NPDES No. CA0079154), which was adopted on 8 December 2017.

Holding ponds at the WWTP cover approximately 52 acres and are used to store and equalize plant process recycle streams. The holding ponds are regulated by WDRs Order No. R5-2007-0039, which was adopted on 4 May 2007.

Influent flow rates and treated effluent quality are summarized below.

Table 1. Influent Flow Rates (million gallons [MG])

Month	Year		
	2018	2019	2020
Jan	8.32	8.51	8.38
Feb	8.02	8.87	8.20
Mar	8.26	8.94	8.52
Apr	8.32	8.54	8.76
May	8.21	8.50	8.60
Jun	7.95	8.40	8.65
Jul	7.73	8.21	7.92
Aug	7.86	7.89	8.18
Sep	7.83	7.86	8.18
Oct	7.93	7.90	8.16
Nov	8.02	8.15	8.27
Dec	8.47	8.54	8.47

Table 2. Effluent Wastewater Quality (milligrams per liter [mg/L])

Constituent	Year		
	2018	2019	2020
BOD	5.8	5.5	4.6
TDS	650.8	692.1	706.1
TKN	Not analyzed	1.9	2.6

Constituent	Year		
	2018	2019	2020
Nitrate	6.4	6.0	5.5
Chlorine	185	180	191.4
Sulfate	97	180	191.4
Boron	0.79	0.79	0.8
Iron	0.04	0.04	0.05
Total Coliform	2.2	2.1	14.4

RECYCLED WATER PROGRAM

The Discharger intends to implement a recycled water program in phases that will provide disinfected tertiary treated recycled water for non-potable reuse as described in the Discharger’s Title 22 Engineering Report. The first phase of the project, permitted under this NOA and included in the Title 22 Engineering Report, includes distributing tertiary disinfected recycled water for the irrigation of parks, sports complexes, ornamental landscape areas, industrial use, soil compaction, cleaning, dust control, and street sweeping. Additional phases of the recycled water program may include, but not limited to, the installation of a use station for the public, supplying the West Side Irrigation District supplemental irrigation water, and proposed lakes at a residential subdivision, which may require the submittal of a revised or amended Title 22 report for DDW’s approval. Currently, the recycled water distribution system includes an onsite recycled water pumping station and a second recycled water pump station located at Lammers Road in the Cordes Ranch development.

The Discharger, as the Administrator, is responsible for the administration of their Recycled Water Program authorized pursuant to the General Order, including the requirements of Title 22. The Discharger is also the recycled water producer and distributor and is responsible for all permit requirements related to the production and distribution of recycled water to recycled water users within the boundaries of all approved service areas defined by the Discharger. Recycled water users are required to comply with the Discharger’s Recycled Water Ordinance, Recycled Water Operations Plan, and Title 22 requirements. Users must undergo training in the use of recycled water and obtain a Water Reuse Permit from the Discharger.

GENERAL INFORMATION AND REQUIREMENTS

The Discharger shall comply with the Prohibitions, Specifications, Water Recycling Administration Requirements, and General Provisions of the General Order. Please review this NOA carefully to ensure that it completely and accurately reflects the proposed Recycled Water Program. If the discharge violates the terms or conditions, the Central Valley Water Board may take enforcement action, including the assessment of an administrative civil liability. 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.

The required annual fee specified in the annual billing from the State Water Board shall be paid until this NOA is officially terminated. The Discharger must submit in writing a Notice of Termination following completion or cessation of the discharge.

RECYCLED WATER USE MONITORING AND REPORTING REQUIREMENTS

Recycled water production, disinfection, storage, and use shall be monitored in accordance with the attached facility-specific MRP (Order WQ 2016-0068-DDW-R5020). When monitoring requirements listed in the MRP duplicate existing requirements under other WDRs or waivers, duplication of sampling and monitoring is not required if the monitoring activity satisfies the requirements of the attached MRP. The results of such monitoring shall also be included as part of the annual report, required by this MRP. The annual report is due by **1 April** following the monitoring year.

DOCUMENT SUBMITTAL

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: City of Tracy WWTP, San Joaquin County		
Program: Non-15 Compliance	Order: WQ 2016-0068-DDW-R5020	CIWQS Place ID: 266223

Documents that are 50 MB or larger should be copied 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 Notice of Applicability has been issued, the Boards' Compliance and Enforcement Section will take over management of your case. Brendan Kenny is your new point of contact for any questions about the General Order. 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.



For Patrick Pulupa, Executive Officer

Enc: WQ Order 2016-0068-DDW
Monitoring and Reporting Program WQ Order 2016-0068-DDW-R5020

cc w/ enc: Dave Umezaki, EKI Environment & Water, Inc., Burlingame

cc w/o enc: San Joaquin County Environmental Health Department, Stockton
Tahir Mansoor, Division of Drinking Water, Stockton



SITE LOCATION MAP
CITY OF TRACY WWTP
SAN JOAQUIN COUNTY