



## Central Valley Regional Water Quality Control Board

2 August 2023

Kimberly McCarthy  
California Department of Agriculture  
1220 N Street  
Sacramento, CA 95814

**CERTIFIED MAIL**  
**7022-2410-0001-5093-9876**

### NOTICE OF APPLICABILITY

**WATER QUALITY ORDER 2003-0003-DWQ  
STATEWIDE WASTE DISCHARGE REQUIREMENTS FOR DISCHARGES TO LAND  
WITH A LOW THREAT TO WATER QUALITY  
CALIFORNIA DEPARTMENT OF AGRICULTURE  
TURLOCK NORTH VALLEY LABORATORY REPLACEMENT PROJECT  
STANISLAUS COUNTY**

On 8 June 2023, Sierra Overhead Analytics, on behalf of California Department of Agriculture (CDFA, Discharger), 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 a portion of the Turlock North Valley Laboratory Replacement Project. The submittal contains 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-0240. Please include this number on all correspondence related to this discharge.

### PROJECT LOCATION AND DESCRIPTION

The proposed Turlock North Valley Laboratory Replacement Project (Proposed Project) would relocate the existing Health and Food Safety Turlock Laboratory to a new site and facility with adequate space for necropsy, laboratory, and office functions to provide full services to livestock and poultry farmers in the region. This action will consolidate two field offices into a central location.

The proposed project site will be an approximately 7-acre development within an approximately 27-acre parcel, located at 830 Dianne Drive (Assessor's parcel number 089-021-004-000, in Section 16, Township 5 South, Range 10 East, MDB&M) in the City of Turlock, Stanislaus County. The 27-acre parcel has been acquired by the State of California for this project. The project location is shown on Attachment A, which is attached hereto and made part of this NOA by reference.

MARK BRADFORD, CHAIR | PATRICK PULUPA, ESQ., EXECUTIVE OFFICER

Groundwater in the area is assumed to be around 20 feet below ground surface (bgs) and excavation requirements for the project are to 34 feet bgs. Dewatering sumps will be placed in the excavation to provide a dry working environment for construction of the new food safety laboratory. Preliminary groundwater flow is expected to be between 100 gallons per minute (GPM) to 150 GPM. Dewatering is expected to occur for about nine months. The extracted groundwater will be routed through a 18,000-gallon settling tank prior to discharge to the onsite North and South Infiltration Basins for disposal. The locations of the North and South Infiltration Basins are shown in Attachment B, which is attached hereto and made part of this NOA by reference.

Based on the NOI, the surface areas of North Infiltration Basin and South Infiltration Basin are 0.33 acres and 0.44 acres, respectively. Each basin has a depth of 3.5 feet. The capacities of the North Infiltration Basin and South Infiltration Basin are 0.453 acre-ft and 0.443 acre-feet, respectively, based on two feet of free board. The NOI indicates that the lowest observed infiltration rate is 2.6 inches per hour.

The Water Quality Control Plan for the Sacramento River and San Joaquin River Basins, Fifth Edition, revised in February 2019 (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.

## **FACILITY-SPECIFIC REQUIREMENTS**

The General Order and this Notice of Applicability regulates construction dewatering at the Turlock North Valley Laboratory Replacement Project.

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. The filtration basins shall maintain two feet of free board.
4. 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.
5. Analytical results shall be submitted on a semi-annual basis in accordance the General Order's Monitoring and Reporting Program. Semi-annual monitoring reports are due on 15 August for the January-June reporting period, and 15 February for the July-December reporting period.

6. 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.
7. 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: Turlock North Valley Laboratory Replacement Project, Stanislaus County  
Program: Non-15 Compliance  
Order: R5-2003-0003-DWQ-0240  
CIWQS Place ID: CW-889635

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. Guy Childs 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, Guy will direct you to the appropriate Permitting staff. You may contact Guy at (916) 464-4648 or at [guy.childs@waterboards.ca.gov](mailto:guy.childs@waterboards.ca.gov).

***Original Digitally Signed By: John J. Baum***

***Date: 2023.08.02 10:17:25 -07'00'***

for PATRICK PULUPA  
Executive Officer

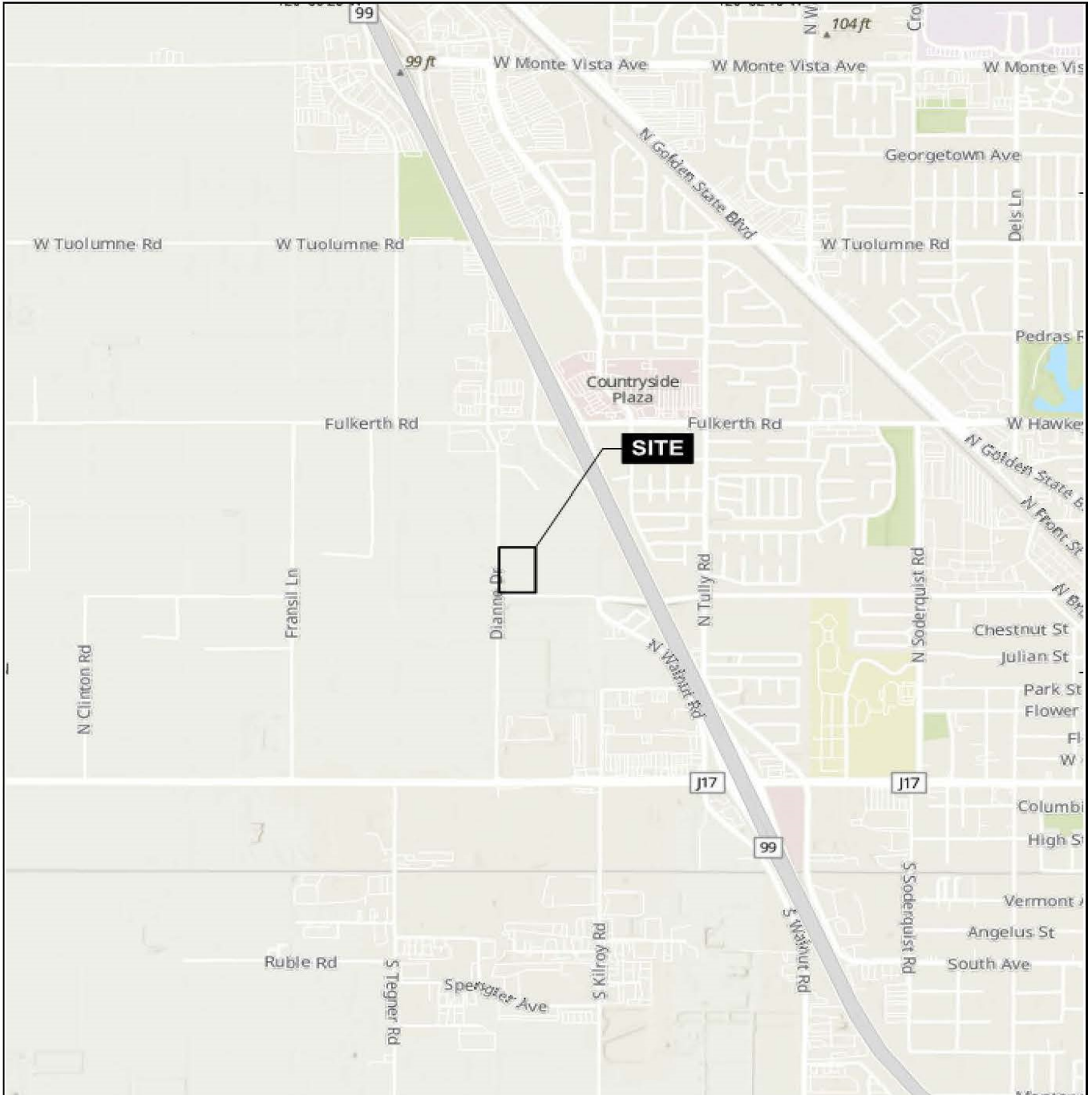
Kimberly McCarthy  
California Department of Agriculture

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Enclosures: Water Quality Order No. 2003-0003-DWQ  
Attachment A, Location Map  
Attachment B, Site Plan

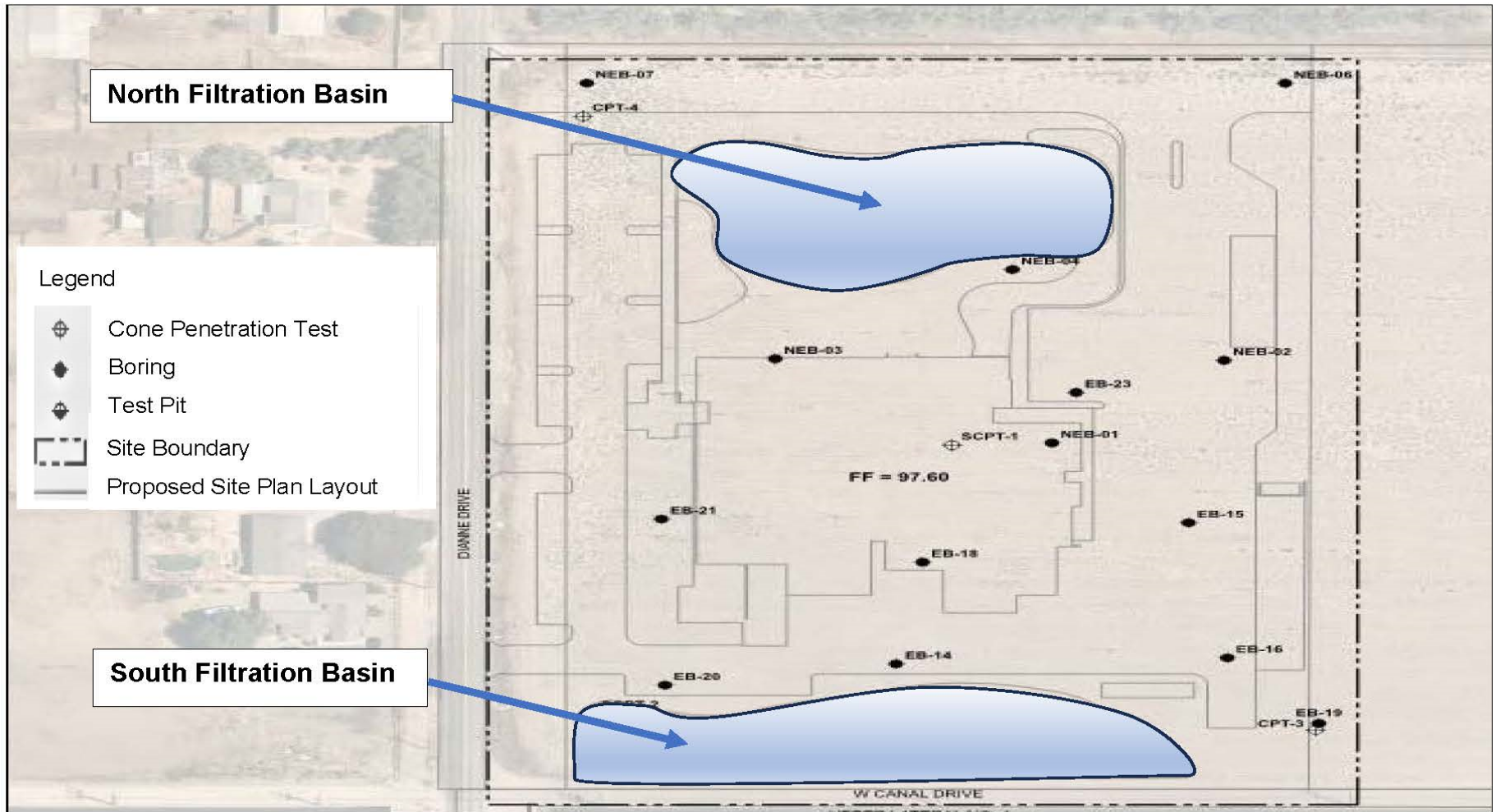
cc w/o encl: Stanislaus County Environmental Health Department, Modesto




Drawing Reference:  
Report of Waste Discharge,  
California Department of  
Agriculture, June 2023

**SITE LOCATION MAP**  
CALIFORNIA DEPARTMENT OF AGRICULTURE  
TURLOCK NORTH VALLEY LABORATORY  
REPLACEMENT PROJECT

No Scale



<p>Reference:</p> <p>Drawing Reference: Report of Waste Discharge, California Department of Agriculture, June 2023</p>	<p><b>SITE PLAN</b></p> <p>CALIFORNIA DEPARTMENT OF AGRICULTURE TURLOCK NORTH VALLEY LABORATORY REPLACEMENT PROJECT</p>	 <p>No Scale</p>
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