



## Central Valley Regional Water Quality Control Board

31 October 2023

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

**CERTIFIED MAIL**  
**9589-0710-5270-0591-2565-48**

### REVISED 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 2 August 2023, a Notice of Applicability (NOA) 2003-0003-DWQ-0240 was issued by the Executive Officer to the California Department of Agriculture (CDFA, Discharger) for 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 disposal of extracted groundwater from the Turlock North Valley Laboratory Replacement Project. On 20 October 2023, the Discharger submitted a request to revise the NOA in order to increase discharge infiltration by adding an additional infiltration basin. Based on the information provided by the Discharger, 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-0240-1. Please include this number on all correspondence related to this discharge.

### PROJECT LOCATION AND DESCRIPTION

The Turlock North Valley Laboratory Replacement Project (Project) will 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 project site will be an approximately 7-acre development within an approximately 27-acre parcel, located at 850 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.

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 are placed in the excavation to provide a dry working environment for construction of the new food safety laboratory. The extracted groundwater rate is approximately 1,440,000 gallons per day. Dewatering is expected to occur for about nine months. Currently, the extracted groundwater is routed through a 18,000-gallon settling tank prior to discharge to the onsite Infiltration Basins 1 and 2. The existing two Filtration Basins do not provide adequate disposal capacities. In order to achieve faster infiltration rates, the Discharger proposes to add Infiltration Basin 3. Basin 3 is on the same parcel as Basins 1 and 2, which are owned and operated by the Discharger. The locations of the three Basins are shown in Attachment B, which is attached hereto and made part of this NOA by reference.

The surface areas of Basin 1, 2 and 3 are 0.33 acres, 0.44 acres, and 5.74 acres, respectively. The capacities of the Basin 1, 2 and 3 are 0.453 acre-feet, 0.443 acre-feet, and 13.4 acre-feet, respectively, based on two feet of free board. The lowest observed infiltration rate is 2.6 inches per hour for Basins 1 and 2.

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-0240-1  
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

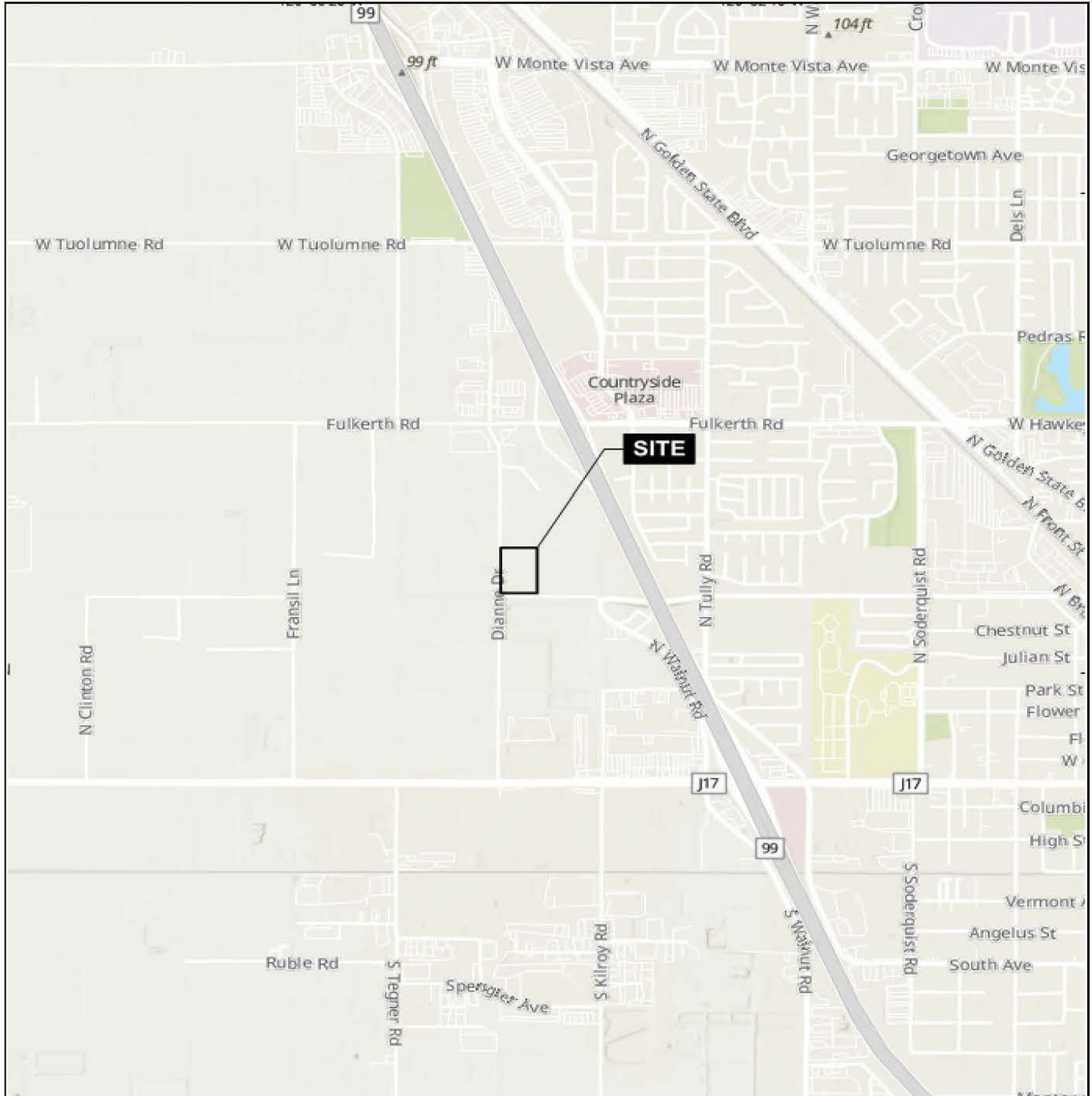
Now that the NOA has been issued, the Board's Compliance and Enforcement section will take over management of your case. Guy Childs is your new point of contact for any questions about the Order. In addition, all monitoring and technical reports should be submitted to him. The enclosed transmittal sheet 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  
on Date: 2023.10.31 17:00:46-07'00'

for PATRICK PULUPA  
Executive Officer

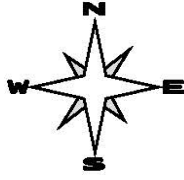
Enclosures: Water Quality Order No. 2003-0003-DWQ  
Attachment A, Location Map  
Attachment B, Site Plan

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

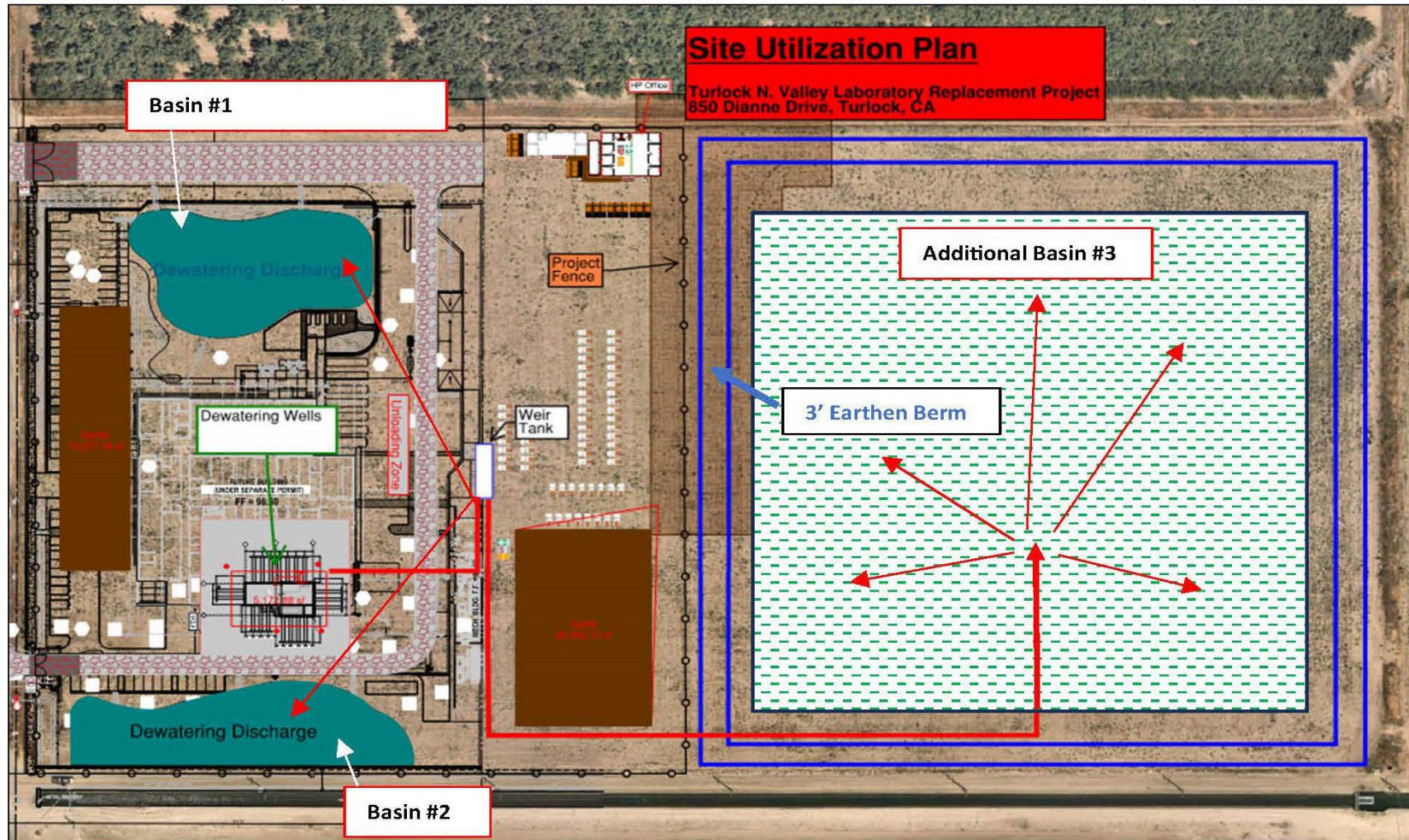


Drawing Reference:  
Report of Waste Discharge,  
California Department of  
Agriculture, June 2023

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



No Scale



Reference:  
 Drawing Reference: Notice of Intent,  
 California Department of Agriculture,  
 October 2023

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

