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JARED BLUMENFELD  
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ENVIRONMENTAL PROTECTION

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## Central Valley Regional Water Quality Control Board

5 November 2020

Dean Dibert  
Force Drilling, LLC  
130 Meadow Ridge Road  
Mt Morris, PA 15349

**CERTIFIED MAIL**  
**7019 2280 0001 9244 0160**

### **NOTICE OF APPLICABILITY**

WAIVER OF REPORT OF WASTE DISCHARGE AND WASTE DISCHARGE  
REQUIREMENTS FOR SPECIFIC TYPES OF DISCHARGE WITHIN  
THE CENTRAL VALLEY REGION  
ORDER R5-2018-0085  
FOR  
EAST BAY MUNICIPAL UTILITY DISTRICT AND FORCE DRILLING, LLC  
PARDEE CHEMICAL PLANT  
CHEMICAL FEED SHAFTS CONSTRUCTION PROJECT  
CALAVERAS COUNTY

On 1 October 2020, the Force Drilling, LLC (Force Drilling, contractor) submitted a Notice of Intent (NOI) to obtain coverage under the Waiver of Report of Waste Discharge and Waste Discharge Requirements for Specific Types of Discharge within the Central Valley Region, Order R5-2018-0085 (the Waiver) for discharge and reuse of well drilling development and purge water generated from East Bay Municipal Utility District's Pardee Chemical Plant Chemical Feed Shafts Construction Project in Calaveras County. The submittal contains all the information required to evaluate the applicability of the Waiver; therefore, the discharge meets the conditions of the Waiver. The discharge is hereby covered under the Waiver, Order R5-2018-0085-0050. Please include this number on all correspondence related to this discharge.

### **PROJECT LOCATION AND DESCRIPTION**

Chemical Feed Shafts Construction Project is located at the East Bay Municipal Utility District Pardee Chemical Plant on the west side of Sandretto Road in Valley Springs, Calaveras County, approximately 1,400 feet west of Pardee Reservoir. The facility is in Sections 35, T5N, R10E with Assessor's Parcel Number 016-001-001.

Force Drilling's 1 October 2020 NOI requests authorization to discharge water generated from well drilling and development activities for two types of on-site uses during the construction project.

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KARL E. LONGLEY SCD, P.E., CHAIR | PATRICK PULUPA, ESQ., EXECUTIVE OFFICER

**Drilling and Well Development Water:** The construction project includes drilling two approximately 22 to 24 inch diameter shafts, approximately 260 feet deep to intercept and penetrate the existing Pardee Tunnel. At the terminal depth of each well shaft, a 16-inch diameter stainless steel casings with grouted-in internal casing pipes will extend into the Pardee Tunnel. Air and water will be used as the only drilling fluid.

Diverter tanks will be used during shaft drilling operations to direct drill cuttings and extracted fluids into weir tanks. The drilling fluid and purged groundwater will be stored in two 20,000 gallon tanks, allowing solids to settle. Force Drilling anticipates that groundwater will be encountered when drilling the two shafts, but could not predict the volume that will be purged during well development activities. It is estimated that approximately 100 tons of drill cuttings will be generated. Drill cuttings will be hauled off-site to the Calaveras County Rock Creek Landfill for disposal.

Force Drilling plans to reuse the water for drilling water and/or land application via sprinklers and sprayers. The approximate 0.86-acre land application area (LAA) is shown on attachment A. Silt fence and straw wattles will be installed around the LAA to prevent runoff from the LAA. Force Drilling will monitor the land application so that concentrated flows will not occur towards the site boundary. In addition, Force Drilling states that the LAA will not be used during rain events. The drilling water will be stored in the baker tanks until the weather is appropriate for land application.

**Short-Term or Intermittent Vehicle and Equipment Washing:** Drill water and purged groundwater will be used for washing vehicle under-carriages as part of the construction Storm Water Pollution Prevention Plan. All trucks and equipment, including their tires, must be washed off prior to leaving the project site. Force Drilling will install a cattle guard over a trough/55-gallon drum system to capture the wash water. The drum will be equipped with an in-ground pump to recycle the water. Excess water will be applied to the on-site LAA. Prior to discharge, water will be visually inspected to verify there is no sheen present and will be tested and treated, as necessary, to ensure that pH measurements fall within the 6.5 to 8.5 pH range.

Drilling and construction activities will be conducted from December 2020 through February 2021.

## **FACILITY SPECIFIC REQUIREMENTS**

Please review the attached waiver documents and ensure that the discharge complies with the Conditions of Discharge contained in Attachment A of the waiver. Force Drilling is responsible for compliance with the waiver and must provide sufficient oversight to ensure compliance and prompt reporting of any noncompliance.

Force Drilling must notify the Central Valley Regional Water Quality Control Board when this discharge has ceased so that coverage under the Waiver can be rescinded.

## 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](mailto:centralvalleysacramento@waterboards.ca.gov)

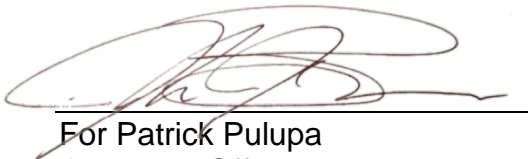
To ensure that your submittal is routed to the appropriate staff person, the following information should be included in the body of the email or any documentation submitted to the mailing address for this office:

Facility Name: Pardee Chemical Plant, Chemical Feed Shafts Construction Project,  
Calaveras County  
Program: Non-15 Compliance  
Order: R5-2018-0085-0050  
CIWQS Place ID: 869405

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 Notice of Applicability has been issued, the Board's Compliance and Enforcement section will take over management of your case. Kenny Croyle is your new point of contact for any questions about the Waiver. If you find it necessary to make a change to your permitted operations, Kenny will direct you to the appropriate Permitting staff. You may contact Kenny at (916) 464-4676 or at [kcroyle@waterboards.ca.gov](mailto:kcroyle@waterboards.ca.gov).



For Patrick Pulupa  
Executive Officer

Enclosure: Waiver Order R5-2018-0085  
cc w/o encl: Brian Moss, Calaveras County Environmental Health, San Andreas  
cc w/encl: Tom Bullock, East Bay Municipal District, Oakland (P.O. Box 24055)



<b>SITE PLAN</b>		
<p>Drawing Reference: Force Drilling Application, 1 December 2020</p>	<p>EAST BAY MUNICIPAL UTILITY DISTRICT AND FORCE DRILLING, LLC, PARDEE CHEMICAL PLANT, CHEMICAL FEED SHAFTS CONSTRUCTION PROJECT, CALAVERAS COUNTY</p>	<p>No Scale</p>