



Central Valley Regional Water Quality Control Board

3 May 2019

Scott Buenting
City of Antioch
200 H Street
Antioch CA 94509

CERTIFIED MAIL
7018 1830 0001 0062 6924

NOTICE OF APPLICABILITY; GENERAL SECTION 401 WATER QUALITY CERTIFICATION ORDER REQUIREMENTS FOR THE CITY OF ANTIOCH, CITY OF ANTIOCH BRACKISH WATER DESALINATION – SAN JOAQUIN RIVER BOTTOM GEOTECHNICAL BORINGS PROJECT (WDID#5B07CR00212), CONTRA COSTA COUNTY

On 26 March 2019, the City of Antioch (Applicant) filed a notification requesting coverage under the 17 March 2017 State Water Resources Control Board Clean Water Act Section 401 General Water Quality Certification and Order of the United States Army Corps of Engineers 2017 Nationwide Permits (General Certification Order) for the City of Antioch Brackish Water Desalination – San Joaquin River Bottom Geotechnical Borings Project (Project). After review of the notification and the supplemental material submitted by the Applicant, the Central Valley Regional Water Quality Control Board (Central Valley Water Board) has determined that the Project qualifies for enrollment under this General Certification Order. The proposed activity will take place within less than 0.0004 acre of waters of the United States.

The Central Valley Water Board is certifying this Project under United States Army Corps of Engineers Nationwide Permit #6 (Survey Activities), subject to the conditions and the notification requirements described in the Nationwide Permit (“Special Conditions”). This Notice of Applicability is being issued under the General Certification Order pursuant to § 3838 of the California Code of Regulations.

A copy of the General Certification Order is enclosed. You can also find the General Certification Order on the State Water Resources Control Board’s website at:
http://www.waterboards.ca.gov/water_issues/programs/cwa401/docs/generalorders/nwp_go.pdf

The Project must proceed in accordance with the requirements contained in this Notice of Applicability and General Certification Order. The Project is described in the notification form requesting coverage under the General Certification Order, dated 17 March 2017, and supplementary information (Application Package). Coverage under the General Certification Order is no longer valid if the Project (as described) is modified.

PROJECT DESCRIPTION:

The 0.00004-acre Project consists of drilling two 12-inch diameter borings into the San Joaquin River bottom for the geotechnical investigation of a new intake pump with a fish screen. A 12-inch diameter steel casing will be advanced through the water and into the river bottom prior to drilling, creating a seal that will contain recirculated drilling fluid and soil in order to reduce turbidity and grout discharge into the San Joaquin River. A tremie pipe will be lowered to the bottom of the boring to pump in cementitious grout that will fill the boring to the approximate river bottom. Drill fluid and cuttings displaced by the grout will be captured in a recirculation tank. After the grout is added, the tremie pipe will be lifted to approximately 5 feet below river bottom and potable water will be pumped through the pipe until the recirculation tank runs clear. Once the water in the recirculation tank runs clear, the pipe will be removed. Clean sand will be placed on top of the grout to level the river bottom and the steel casing will be removed.

The Project will temporarily impact 0.00004 acre of waters of the United States. Dewatering will occur within the Project area. Wet cementitious grout will be placed into streambed habitat after sealing the area within the 12-inch diameter steel casing. The wet cementitious grout must be completely cured before raising the steel casing and introducing native waters to the boring locations. The Project must adhere to Section XIII.H.7 in the General Certification Order.

APPROXIMATE TIMEFRAME OF PROJECT IMPLEMENTATION:

3 May 2019 through 30 June 2019

PROJECT LOCATION:

Section 18, Township 02 North, Range 02 East, MDB&M
Latitude: 38.01758°N and Longitude: 121.8027°W

APPLICATION FEE RECEIVED:

An application fee of \$1,638.00 was received on 12 April 2019. The fee amount was determined as required by California Code of Regulations, title 23, sections 3833(b)(3) and 2200(a)(3), and was calculated as category A – Fill & Excavation Discharges (fee code 84) with the dredge and fill fee calculator.

If you have any questions regarding this Notice of Applicability, please contact Jordan Hensley at (916) 464-4812 or Jordan.Hensley@waterboards.ca.gov.

Original Signed By Jim Marshall for:

Patrick Pulupa
Executive Officer

Attachments: Figure 1 – Project Location Map
Figure 2 – Site Map

Enclosure: State Water Resources Control Board Clean Water Act Section 401 General Water Quality Certification and Order of United States Army Corps of Engineers 2017 Nationwide Permits

cc: Distribution List, page 3

DISTRIBUTION LIST

Chandra Jenkins
United States Army Corps of Engineers
Sacramento District Office
Regulatory Division
SPKRegulatoryMailbox@usace.army.mil

Sam Ziegler
United States Environmental Protection Agency
Ziegler.Sam@epa.gov

Department of Fish and Wildlife
AskBDR@wildlife.ca.gov

CWA Section 401 WQC Program
State Water Resources Control Board
StateBoard401@waterboards.ca.gov

Scott Weddle
Carollo Engineers
sweddle@carollo.com



Figure 1 – Project Location Map

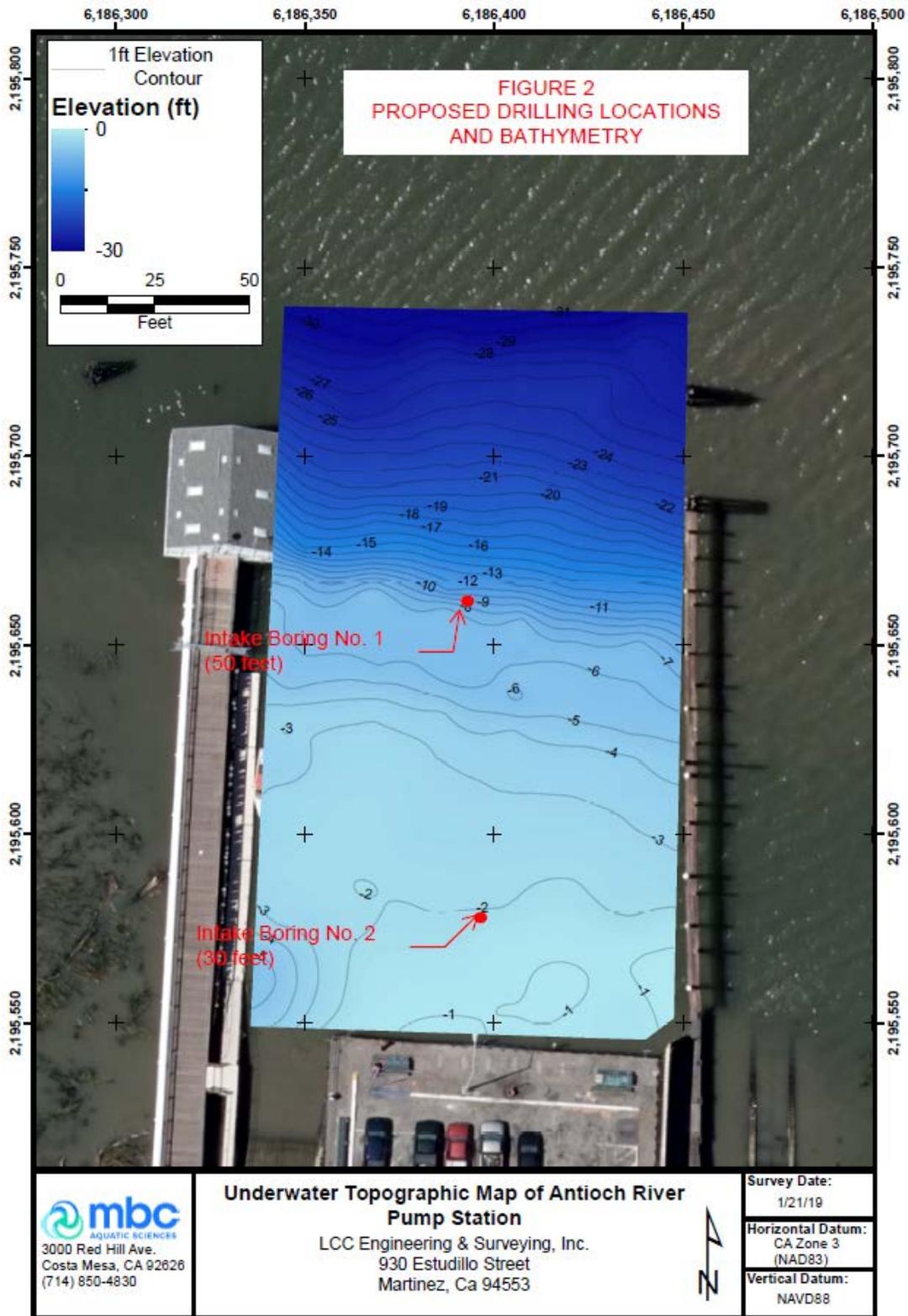


Figure 2 – Site Map