

SEP 03 2020

Print Form

TERRY A. HANSEN, Clerk  
BY BRIDGETTE EVANS  
Deputy Clerk

## Notice of Determination

Appendix D

**To:**

☒ Office of Planning and Research  
U.S. Mail: Street Address:  
P.O. Box 3044 1400 Tenth St., Rm 113  
Sacramento, CA 95812-3044 Sacramento, CA 95814

☒ County Clerk  
County of: Yuba and Butte County  
Address: 915 8th St, #107 Marysville, CA 95901  
and 155 Nelson Ave., Oroville, CA 95965

**From:**

Public Agency: North Yuba Water District  
Address: 8691 La Porte Road, PO Box 299  
Brownsville, CA 95919  
Contact: Jeff Maupin  
Phone: (530) 675-2567

Lead Agency (if different from above):

Address: \_\_\_\_\_  
Contact: \_\_\_\_\_  
Phone: \_\_\_\_\_

**SUBJECT: Filing of Notice of Determination in compliance with Section 21108 or 21152 of the Public Resources Code.**

State Clearinghouse Number (if submitted to State Clearinghouse): SCH # 2020089030

Project Title: Challenge Tank Replacement Project and Water Service Meters Replacement Project

Project Applicant: North Yuba Water District

Project Location (include county): See attached.

Project Description:

See attached.

This is to advise that the North Yuba Water District has approved the above  
(☒ Lead Agency or ☐ Responsible Agency)

described project on 8/28/2020 and has made the following determinations regarding the above  
(date)  
described project.

1. The project [☐ will ☒ will not] have a significant effect on the environment.
2. ☐ An Environmental Impact Report was prepared for this project pursuant to the provisions of CEQA.  
☒ A Negative Declaration was prepared for this project pursuant to the provisions of CEQA.
3. Mitigation measures [☒ were ☐ were not] made a condition of the approval of the project.
4. A mitigation reporting or monitoring plan [☐ was ☒ was not] adopted for this project.
5. A statement of Overriding Considerations [☐ was ☒ was not] adopted for this project.
6. Findings [☒ were ☐ were not] made pursuant to the provisions of CEQA.

This is to certify that the final EIR with comments and responses and record of project approval, or the negative Declaration, is available to the General Public at:

8691 La Porte Road, PO Box 299, Brownsville, CA 95919

Signature (Public Agency):  Title: General Manager / Bd Secretary

Date: 8/28/2020 Date Received for filing at OPR: \_\_\_\_\_

Governor's Office of Planning & Research

Authority cited: Sections 21083, Public Resources Code.  
Reference Section 21000-21174, Public Resources Code.

SEP 08 2020

Revised 2011

STATE CLEARINGHOUSE  
2020 F8-000360

## **ATTACHMENT TO NOTICE OF DETERMINATION**

### **PROJECT LOCATION AND DESCRIPTION**

#### **Challenge Tank Replacement Project**

The SWRCB Division of Financial Assistance (DFA) has funded activities to address aging infrastructure for the municipal water system that is operated by North Yuba Water District (NYWD). The work is being conducted under Proposition 1 Technical Assistance and Support Program funding through the SWRCB, Agreement No. D16-12810, Work Plan No. 4999. The proposed project is the replacement of an existing water storage tank (the Challenge Tank) that is part of the domestic water supply system owned and operated by the NYWD. The Challenge Tank has exceeded its designed lifespan and leaks continuously. Replacing the existing leaking tank will eliminate a major source of water loss for the NYWD. The project budget estimate to replace the Challenge Tank is about \$500,000.

The Challenge Tank is located on Old La Porte Road, within the town of Challenge, California, in Yuba County, California. The tank is situated on a small parcel (approximately 0.5 acres; APN 050-110-220) leased from the U.S. Forest Service Plumas National Forest. The existing tank was built in 1965. The cylindrical tank is 18 feet tall and 32 feet in diameter and has a storage capacity of 100,000 gallons of water. The tank was made from redwood staves and steel hoops and is bolted to a concrete foundation. Ancillary facilities consist of a valve control box and an access driveway. The existing tank is leaking and will be replaced with a metal tank of similar dimensions. The estimated construction time is three months. After removing the old tank and foundations, a new reinforced concrete foundation will be cast in the same area as the existing foundation. The new tank will be assembled with pre-fabricated bolted steel or welded steel plates. A new valve box containing valves and piping will be installed in the ground. The new valves will regulate the water level in the tank. Similar to the existing system, treated water will gravity feed into the tank via an existing supply pipeline (6-inch steel pipe). The treated water comes from the NYWD water treatment plant in Forbestown.

The Challenge Tank project area was defined as the combined perimeter of the tank foundations, the valve box, and the driveway, and is about 4,000 square feet (the "Project Area" or "Action Area"). This project does not include the other planned upgrades to the NYWD water system: water service meter upgrades and conversion of flumes to pipelines.

#### **Water Service Meters Replacement Project**

NYWD provides domestic and irrigation water to its customers in the north Yuba County / south Butte County region, and serves the communities of Brownsville, Challenge, Dobbins, Forbestown, Oregon House, and Rackerby. Treated water from the NYWD treatment plant at Forbestown is distributed to customers via buried water mains (4 inch to 8 inch diameter pipes, primarily PVC). The existing water service meters are more than ten years old and no longer accurately record water use, nor do they convey information electronically. Water use data are used for billing purposes, and under-reporting of water use by old meters results in lost revenue for NYWD. In addition, accurate water meters help identify system leaks and provide other water conservation information.

The most common meter installed in the NYWD service area is the Neptune T10, a mechanical meter in bronze housing and 1-inch pipe fittings. This type of meter requires a visual reading to record flow rate for measuring customer water consumption. The existing meters are housed in several styles of shallow, buried rectangular meter boxes, made either of reinforced concrete or polymer plastic. The typical dimensions of the meter boxes are 10 inches wide by 15.5 inches long by 12 inches deep with the lid at ground surface.

The proposed project consists of removing the old meters and meter boxes using hand tools and small motorized equipment, splicing in new meters using wrenches, installing new meter boxes, and restoring the ground surface after backfill and compaction using hand tools. The new meter boxes will be about same dimensions as the old boxes, and they will be made primarily of polymer plastic. Reinforced concrete boxes may be used in areas of higher vehicular traffic. The new water service meters are a combination of mechanical and electronic parts and are called "smart meters." Smart meters are able to transmit flow data wirelessly to a receiver that can be located in a passing vehicle operated by an NYWD employee or on radio towers that can transmit the data to a central location. Smart meters allow for more accurate measurement of water use as well as detection of water leaks. NYWD currently has approximately 839 service connections that need to receive new meters and boxes. The proposed project will span several months, with meters being replaced in sequence along water distribution lines. Each meter replacement will take several hours to complete, and the total volume of ground disturbance at each meter is about two cubic feet (1 foot wide by 2 foot long by 1 foot deep).

The project area was defined as the aggregate area of all of the individual service meter box areas plus a buffer of 10 feet around each box.



State of California - Department of Fish and Wildlife  
**2020 ENVIRONMENTAL FILING FEE CASH RECEIPT**  
DFW 753.5a (REV. 12/01/19) Previously DFG 753.5a

RECEIPT NUMBER:

58 - 09032020 - 36

STATE CLEARINGHOUSE NUMBER (If applicable)

2020089030

SEE INSTRUCTIONS ON REVERSE. TYPE OR PRINT CLEARLY.

LEAD AGENCY	LEAD AGENCY EMAIL	DATE
NORTH YUBA WATER DISTRICT		09/03/2020
COUNTY/STATE AGENCY OF FILING	DOCUMENT NUMBER	
YUBA	2020FG-00036	
PROJECT TITLE		
CHALLENGE TANK REPLACEMENT PROJECT AND WATER SERVICE METERS REPLACEMENT PROJECT		

PROJECT APPLICANT NAME	PROJECT APPLICANT EMAIL	PHONE NUMBER
NORTH YUBA WATER DISTRICT		(530) 675-2567
PROJECT APPLICANT ADDRESS	CITY	STATE
8691 LA PORTE ROAD	BROWNSVILLE	CA
		ZIP CODE
		95919

PROJECT APPLICANT (Check appropriate box)

☒ Local Public Agency ☐ School District ☐ Other Special District ☐ State Agency ☐ Private Entity

CHECK APPLICABLE FEES:

<input type="checkbox"/> Environmental Impact Report (EIR)	\$3,343.25	\$	
<input checked="" type="checkbox"/> Mitigated/Negative Declaration (MND)(ND)	\$2,406.75	\$	\$2,406.75
<input type="checkbox"/> Certified Regulatory Program (CRP) document - payment due directly to CDFW	\$1,136.50	\$	
<input type="checkbox"/> Exempt from fee			
<input type="checkbox"/> Notice of Exemption (attach)			
<input type="checkbox"/> CDFW No Effect Determination (attach)			
<input type="checkbox"/> Fee previously paid (attach previously issued cash receipt copy)			

<input type="checkbox"/> Water Right Application or Petition Fee (State Water Resources Control Board only)	\$850.00	\$	
<input checked="" type="checkbox"/> County documentary handling fee		\$	\$50.00
<input type="checkbox"/> Other 0.00		\$	

PAYMENT METHOD:

☐ Cash ☒ Credit ☐ Check ☐ Other

TOTAL RECEIVED \$ 2,456.75

SIGNATURE	AGENCY OF FILING PRINTED NAME AND TITLE
X <i>Bridgette Evans</i>	<i>Bridgette Evans</i> Deputy