



NOTICE OF EXEMPTION

TO:
Alameda County
Clerk-Recorder's Office
1106 Madison Street
Oakland, CA 94607

FROM: (LEAD AGENCY)
EAST BAY MUNICIPAL UTILITY DISTRICT
Office of the Secretary
375 Eleventh Street, MS 806
Oakland, CA 94607-4240
510-287-7040

- Lead Agency is the Project Applicant
- Lead Agency is Public Agency Approving Project
- Lead Agency is Carrying Out Project

PROJECT INFORMATION

1. TITLE: Upper San Leandro (USL) Seismic Control Valve Project (Project)
2. LOCATION: (City, County, and specific location)
Shore of USL Reservoir on EBMUD-owned watershed land, Alameda County. See attached Figure 1.
3. DESCRIPTION:
The Project will install a seismic accelerometer, 25 kilowatt emergency generator, 100 gallon propane fuel tank, and associated paving and fencing. The purpose of the Project is to automatically close the existing motor operated valves at the USL Reservoir outlet tower and prevent the release of water from USL Reservoir in the event of an earthquake-induced pipeline failure. See Attachment A for additional information.

EXEMPTION FINDING (Check one)

This project is exempt from CEQA because:

1. Activity is not a project
2. Activity is Ministerial (Sec.21080(b)(1); Guideline 15268)
3. Activity is a Declared Emergency (Sec.21080(b)(3); Guideline 15269(a))
4. Activity is an Emergency Project (Sec.21080(b)(4); Guideline 15269(b)(c))
5. Activity is Categorically Exempt Under Guideline 15301 and 15303
6. Activity is Statutorily Exempt Under Guideline _____
7. Reasons why project is exempt: The Project is exempt under 15301 because it involves no expansion of the USL Reservoir's capacity and entails the repair and minor alteration of an existing public facility. The project is also exempt under 15303, since it involves the construction and location of limited numbers of new small facilities or structures. The Project will have no significant environmental effects relative to location, cumulative impact, or significant effects due to unusual circumstances, hazardous waste, or historical resources, pursuant to Section 15300.2 of the CEQA Guidelines.

INITIATING UNIT: Pressure Zone Planning - 524

APPROVAL

5/20/20	Shelly Dean	Bill Maggiore
1. DATE PREPARED	2. PREPARED BY (initial)	3. REVIEWED BY (Unit Supv. initial)
David J. Rehnstrom	<i>David J Rehnstrom</i>	
4. RECOMMENDED BY (Division/Section Manager)		
Shelly Dean	701	Associate Engineer
5. CONTACT PERSON	MAIL SLOT #	TITLE
		510-287-0129
		PHONE

NOTICE OF EXEMPTION APPROVED FOR FILING WITH THE COUNTY CLERK

05-29-20	<i>[Signature]</i>
DATE	DEPARTMENT DIRECTOR
06-11-20	<i>Rosita S. Cole</i>
DATE FORWARDED TO COUNTY CLERK	SECRETARY OF THE DISTRICT

ATTACHMENT A
EAST BAY MUNICIPAL UTILTIY DISTRICT
UPPER SAN LEANDRO (USL) SEISMIC CONTROL VALVE PROJECT

Overview and Background

The Project will install a seismic accelerometer, 25 kilowatt emergency generator, 100 gallon propane fuel tank, and associated paving and fencing. The purpose of the Project is to automatically close the existing motor operated valves at the USL Reservoir outlet tower and prevent the release of water from USL Reservoir in the event of an earthquake-induced pipeline failure. The Project is located on the western shore of USL Reservoir near the USL Reservoir outlet tower on EBMUD-owned watershed land in Alameda County (see Figure 1).

Project Purpose and Objectives

The 54-inch diameter untreated water supply pipeline that delivers water from the USL Reservoir outlet tower to the USL Water Treatment Plant (WTP) in Oakland has a high consequence of failure during an earthquake event. Failure of the pipeline would result in the uncontrolled release of water from USL Reservoir into a heavily populated area. Although there are manually-operated valves that could be closed to prevent an uncontrolled release of the water, there would be insufficient time for EBMUD operators to close the valves after an earthquake-induced pipeline failure. The primary purpose of Project is to automatically close the existing motor operated valves at USL Reservoir outlet tower and prevent the release of water from USL Reservoir in the event of an earthquake-induced pipeline failure.

Project Location

The Project site is located off Redwood Road through an EBMUD access road which leads to the shore of USL Reservoir near the USL Reservoir outlet tower (see Figure 1). The access road will be used for worker and equipment access for the Project.

USL Reservoir Water Supply

USL Reservoir is one of the critical storage elements of EBMUD's water supply system and has a capacity of approximately 38,905 acre feet. The flow of water from USL Reservoir to the USL WTP is regulated by the USL Reservoir outlet tower, which is a 94-foot-high concrete tower equipped with a series of valves and connected at its base to an outlet tunnel. From the USL Reservoir outlet tower, untreated water flows through a 54-inch diameter tunnel for approximately 1.3 miles before reaching the "West Portal" in Oakland, where the tunnel transitions to a pipeline for approximately 1 mile before reaching the USL WTP in Oakland.

Project Characteristics

The seismic accelerometer will be installed on the shore of USL Reservoir near the USL Reservoir outlet tower. After a seismic event, the seismic accelerometer will trigger the existing motor operated valves to automatically close the two inlet gate valves and an outlet sluice gate located in the USL Reservoir outlet tower. Remote control systems will also be installed to allow the operators at the USL WTP to open the valves following a closure, if no break in the pipeline is suspected.

In addition to the accelerometer, an Environmental Protection Agency (EPA) certified 25 kilowatt emergency generator and 100 gallon vapor propane fuel tank will be installed to power the two motor operated inlet gate valves and motor operated outlet sluice gate in the event of a power outage. An automated transfer switch will be integrated with the generator docking station to continuously monitor the utility power and provide a reliable connection for the emergency generator.

The Project will also include associated paving and fencing. The proposed project design is shown on Figure 2.

Permits and Approvals

All work will be on EBMUD property. Encroachment permits are not required since there is no work within the public right-of-way. Any necessary permits from the regulatory agencies will be obtained, to complete the Project.

Schedule and Work Hours

The construction is anticipated to start in 2022 and will take approximately 3 months to complete. Construction activities will be limited to the daytime weekday hours (7:00 a.m. to 7:00 p.m.) to the extent feasible. Construction will occur during the dry season to avoid weather-related delays.

EBMUD Practices and Procedures

Standard construction environmental and safety practices applicable to all EBMUD construction projects have been incorporated into the Project. These standard practices minimize impacts to the public resulting from EBMUD construction projects.

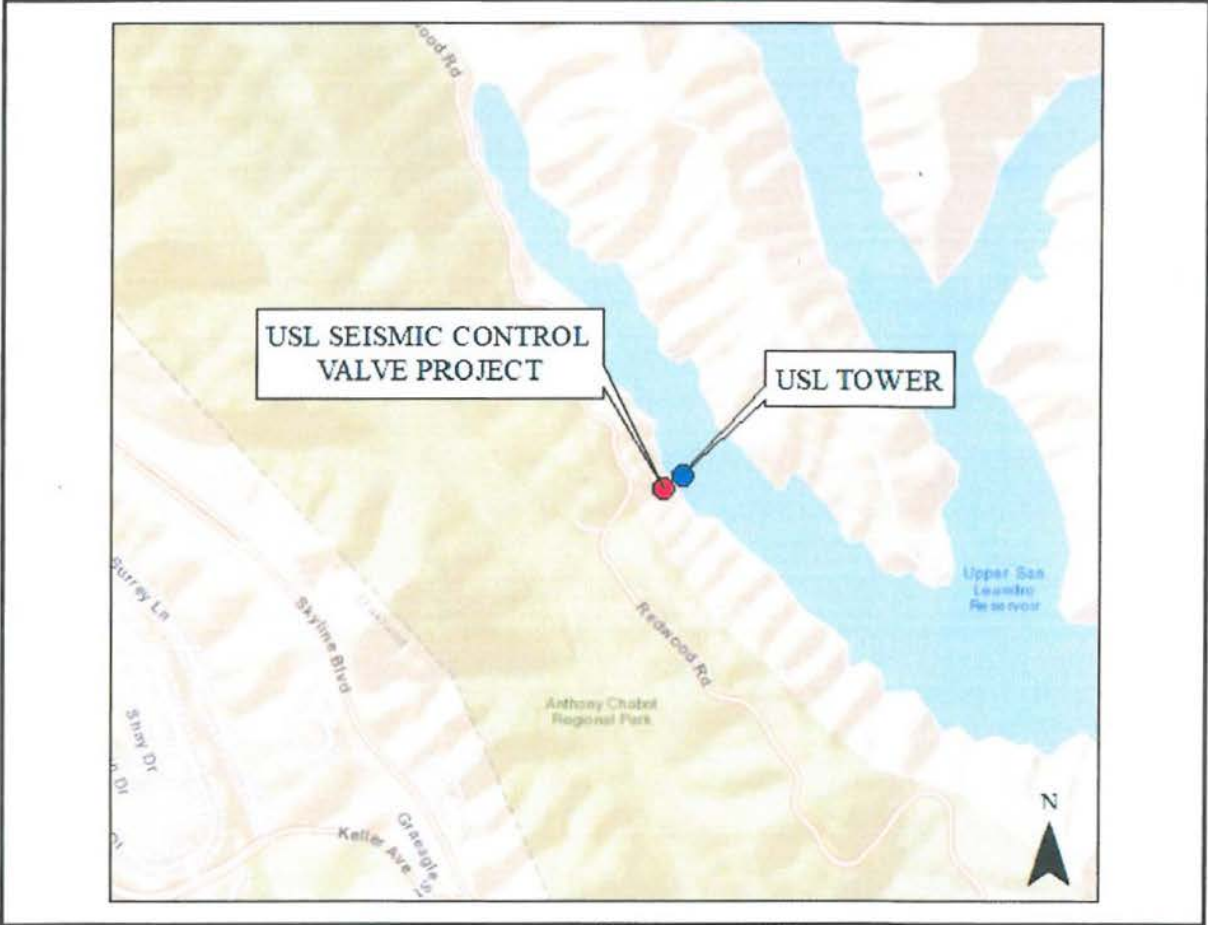
This Project is within the boundaries of the EBMUD Low Effect Habitat Conservation Plan, and will therefore include a wildlife exclusion fence to keep sensitive species out of the Project site.

OOY:DJR:bf

sb20_087b USL Seismic Control Valve Project NOE Attachment A

Figure 1: USL Seismic Control Valve Project Location Map

Figure 2: USL Seismic Control Valve Project Design



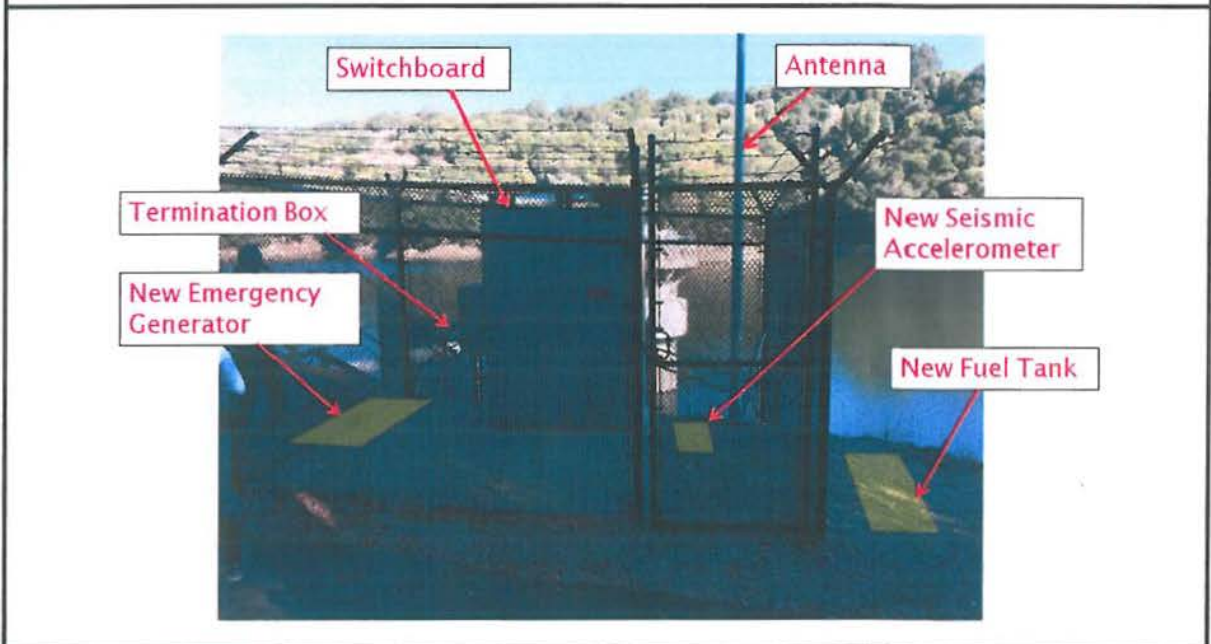
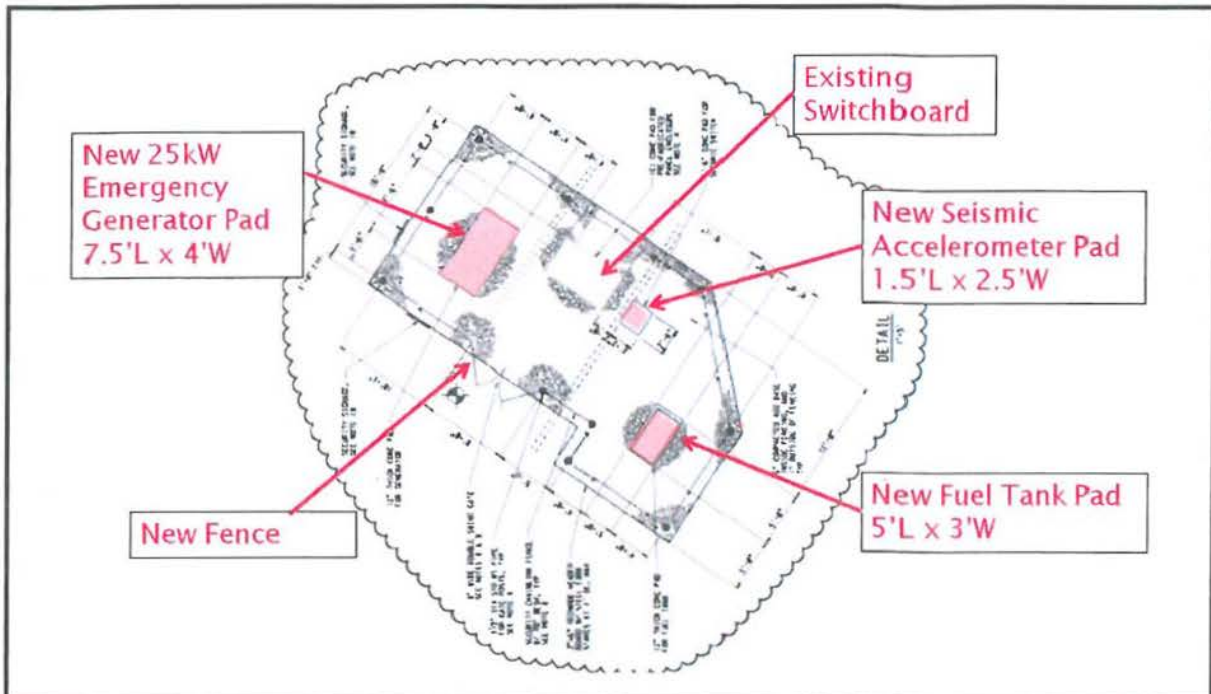
LOCATION MAP

NOT TO SCALE

EAST BAY MUNICIPAL UTILITY DISTRICT

USL SEISMIC CONTROL VALVE PROJECT

FIGURE 1



<p>PROPOSED PROJECT DESIGN</p> <p>NOT TO SCALE</p>	<p><i>EAST BAY MUNICIPAL UTILITY DISTRICT</i></p>
	<p>USL SEISMIC CONTROL VALVE PROJECT</p> <p>FIGURE 2</p>