



NOTICE OF EXEMPTION

TO:
 Contra Costa County Clerk-Recorder
 555 Escobar Street
 Martinez, CA 94553

FROM:
 Office of the Secretary
 East Bay Municipal Utility District
 375 Eleventh Street, MS 806
 Oakland, CA 94607-4240

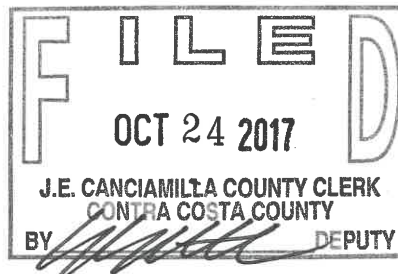
PROJECT INFORMATION

- TITLE: San Pablo Clearwell Replacement and Water Treatment Plant Rehabilitation Project
- LOCATION: (City, County, and specific location) 300 Berkeley Park Boulevard, Kensington, CA, Contra Costa County (see Figure 1 in Attachment A).
- DESCRIPTION:
 Demolition of the existing 5.4-million-gallon (MG) San Pablo Clearwell open-cut reservoir, construction of two 3.5 MG replacement concrete tanks within the basin of the existing clearwell, installation of approximately 1,250 feet of onsite and offsite transmission pipelines, and rehabilitation work at the San Pablo Water Treatment Plant (see Attachment A). This Notice of Exemption (NOE) supersedes the previous NOE filed in January 2015.

EXEMPTION FINDING (Check one)

This project is exempt from CEQA because:

- Activity is not a project
- Activity is Ministerial (Sec.21080(b)(1); Guideline 15268)
- Activity is a Declared Emergency (Sec.21080(b)(3); Guideline 15269(a))
- Activity is an Emergency Project (Sec.21080(b)(4); Guideline 15269(b)(c))
- Activity is Catorgically Exempt Under Guideline 15301(d) and 15302(c)
- Activity is Statutorily Exempt Under Guideline 15282(k)
- Reasons why project is exempt: The project will be conducted in previously disturbed/developed areas. The project is exempt, because it entails the replacement of an existing utility system (Ref Title 14 California Code of Regulations (CCR) 15301(d)), facilities involving negligible expansion of capacity (Ref Title 14 CCR Sec. 15302(c)), and installation of a new pipeline less than one mile in length (Ref Title 14 CCR Sec. 15282(k)). In addition, the project will be conducted in previously disturbed/developed areas, and the new reservoirs will be located at the same site and will serve the same purpose as the replaced clearwell. Demolition activity will be necessary to clear the site before construction begins on the replacement reservoirs. The project will have no significant environmental effects relative to Location, Cumulative Impact, Scenic Highways, and Significant Effect due to unusual circumstances, Hazardous Waste or Historical Resources, pursuant to Section 15300.2(b) of the CEQA Guidelines.



INITIATING UNIT: 522 Water Service Planning

APPROVAL

October 4, 2017	Oscar A. Herrera <i>OAH</i>	Jennifer L. McGregor <i>JLM</i>
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)		
Jennifer L. McGregor	701	Senior Civil Engineer
5. CONTACT PERSON	MAIL SLOT #	TITLE
		510-287-1030
		PHONE

NOTICE OF EXEMPTION APPROVED FOR FILING WITH THE COUNTY CLERK

<u>10-9-2017</u>	<u><i>[Signature]</i></u>
DATE	DEPARTMENT DIRECTOR
<u>10/20/17</u>	<u><i>[Signature]</i></u>
DATE FORWARDED TO COUNTY CLERK	SECRETARY OF THE DISTRICT



**EAST BAY MUNICIPAL UTILITY DISTRICT
SAN PABLO CLEARWELL REPLACEMENT AND
WATER TREATMENT PLANT REHABILITATION PROJECT
PROJECT DESCRIPTION**

Location/Site Characteristics

The San Pablo Clearwell and San Pablo Water Treatment Plant are located on an East Bay Municipal Utility District (EBMUD) 22-acre site in the unincorporated community of Kensington, northwest of Berkeley Park Boulevard, northeast of Coventry Road, and east of Colusa Avenue. The surrounding land use is mostly single-family residential with the Sunset View Cemetery located immediately north of the project site (see Figure 1). The topography of the project site varies between 280 feet at the eastern property boundary with Berkeley Park Boulevard, to 180 feet at the western property boundary with Coventry Road, to 150 feet at Colusa Avenue. The project site is well screened with approximately 1,900 trees onsite.

Purpose

The San Pablo Clearwell and San Pablo Water Treatment Plant were constructed in 1922. The San Pablo Clearwell is a 5.4-million-gallon (MG), open-cut reservoir that is operated as a distribution system storage reservoir. The San Pablo Water Treatment Plant is a standby water treatment plant.

The San Pablo Clearwell has reached the end of its useful life and requires replacement based on the following: (1) the pre-cast concrete roof has exceeded its useful service life and is structurally unsafe for personnel, (2) the lining is in poor condition and at risk of failure, and (3) the reservoir is poorly ventilated, which can increase corrosion and can pose potential water quality concerns. The San Pablo Clearwell will be replaced with two 3.5 MG concrete tanks within the existing clearwell basin.

The San Pablo Water Treatment Plant was operated in 2007 for the completion of EBMUD's Claremont Tunnel outages and associated need owing to the Orinda Water Treatment Plant outage. The San Pablo Water Treatment Plant was temporarily placed back into service in 2015 to allow repairs and maintenance work at EBMUD's Orinda Water Treatment Plant.

Project Description

San Pablo Water Treatment Plant Rehabilitation

The San Pablo Water Treatment Plant includes rehabilitation and replacement of existing water treatment plant equipment and process controls within the filter building that operate the various water treatment plant chemical feed processes (see Figure 2).

San Pablo CW Replacement

The existing 5.4 MG, open-cut San Pablo Clearwell and appurtenances will be demolished. The existing concrete lining will be crushed on site and reused as backfill. Two 3.5 MG concrete tanks and appurtenant pipelines and valves will be constructed generally within the existing basin. One of the tanks will be installed completely within the northern portion of the clearwell basin, and the second tank will extend approximately 30 feet beyond the southern basin wall. Both tanks will be partially backfilled with the excavated soil material from the existing clearwell. A 45-foot by 50-foot partially buried concrete valve structure, located on the west side of the clearwell basin between the new concrete tanks, will also be constructed. In addition, the San Pablo Rate Control Station (RCS) and appurtenant pipelines will be replaced in a buried vault south of their existing location and the onsite El Cerrito Center Pumping Plant building (see Figure 3). Approximately 550 feet of onsite transmission pipeline will be installed as part of the project to connect the new facilities, and approximately 700 feet of 42-inch transmission pipeline will be installed in Coventry Road from Valley Road to the north end of Coventry Road to replace aging transmission pipeline (see Figure 4).

Site Preparation

The San Pablo Water Treatment Plant site has approximately 1,900 trees. To minimize haul truck trips to and from the site and provide needed work space, approximately 300 trees will be removed, and the space will be initially used to provide soil storage locations for the excavated soil material from the San Pablo Clearwell demolition. The majority of the trees to be removed are non-native ornamental trees with some oak and redwood trees that will also need to be removed. Earthwork at the site will be balanced by backfilling the new concrete tanks after they are constructed with the excavated soil and by permanently placing and grading the excess material on site. Existing drain lines will be reused where possible and enhanced or abandoned in place as necessary. Facility entrances on Berkeley Park Boulevard and Colusa Avenue will be widened to improve traffic safety and large truck access to the facility. All other appurtenances, such as the existing monitoring wells and piezometers, will be decommissioned by grouting in place.

As part of the water treatment plant rehabilitation, chemical feed systems within the filter building will be upgraded and/or replaced.

Demolition

Demolition of the San Pablo Clearwell existing pre-cast concrete roof and liner structures will entail a series of steps including cutting, crushing, and grinding the concrete roof and columns and removing paneling, joists, girders, and lining. Demolition activities will require utilizing various equipment including generators, bulldozers, excavators, backhoes, cranes, hoe rams, water trucks, haul trucks, air compressors, chain saws, concrete crushers, steel cutting equipment, and hand tools. The existing lining, floor, slope, and roof will be ground up and reused on site. Recycling of concrete is the preferred method of disposal both to recycle and reuse materials and minimize traffic off site and landfill impacts. All recycled concrete

demolition materials, except steel reinforcing materials (which will be recycled) and excavated earthwork, will be utilized as fill material.

No demolition is anticipated as part of the rehabilitation work within the filter building.

Construction

After the site preparation and demolition activities are complete, construction will begin on the two 3.5 MG replacement concrete tanks. The diameters for each tank will be about 175 feet, and both tanks will have a height of about 30 feet. The top of the roof elevation of the new tanks will be about two feet higher than the existing San Pablo Clearwell roof elevation. A 45-foot by 50-foot partially buried concrete valve structure will also be constructed between the new concrete tanks. After the new tanks have been constructed, the tanks will be partially backfilled with the excavated material from the San Pablo Clearwell demolition. An approximately 25-foot by 20-foot buried vault, to be located south of the El Cerrito Center Pumping Plant building, will house the new San Pablo RCS.

The project will also include installation of onsite and offsite pipelines using open-trench construction method to connect the new facilities to the existing water distribution system. Onsite pipeline construction includes the installation of approximately 200 feet of 48-inch, 200 feet of 42-inch, 100 feet of 36-inch and 50 feet of 24-inch-diameter transmission pipelines. The existing aging transmission pipelines, located within EBMUD's property boundary, will be abandoned in place, filled with cellular concrete, and replaced with approximately 700 feet of new 42-inch pipeline in Coventry Road from Valley Road to the north end of Coventry Road (see Figure 4).

Installation of the 42-inch pipeline in Coventry Road will require the road to be closed to parking (both sides of the street) and traffic during construction hours. The contractor shall provide access for emergency vehicles, residents needing access to their driveways, garbage collection and mail delivery. EBMUD will notify property owners of project details in advance of construction as well as when and where temporary parking restrictions will be implemented. Trenches will be plated, and the street will be open for access each night. Residents will be allowed to park on the street, provided they move their vehicles by the start of construction each day (times to be posted on signs). For the pipeline construction work in Coventry Road, overnight material and equipment staging will occur along Coventry Road and in the San Pablo Water Treatment Plant site. Street paving and curb and gutter along Coventry Road will be restored. Construction in Coventry Road is expected to take approximately two months.

All water treatment plant rehabilitation work will occur within the filter building.

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.

The Bay Area Air Quality Management District (BAAQMD) is the regional agency responsible for air quality regulation within the San Francisco Bay Area Air Basin. The contractor will be responsible for air pollution control measures and use of Best Management Practices to control dust and emissions. EBMUD will incorporate the BAAQMD Basic Control Measures and BAAQMD Exhaust Controls into the contract specifications, such as using rocked areas and water trucks to control dust, using tarps for truck loads containing any loose materials, wet powered vacuum street sweepers on paved access roads daily, and removing soil material on public streets.

Basic greenhouse gas control measure standards for EBMUD will be written into contract specifications to limit idling vehicle times to less than five minutes and to ensure vehicle efficiency (such as appropriate tire pressure and preventive maintenance).

After construction completion, the normal operation of the two new concrete tanks, San Pablo RCS, and transmission pipelines will not generate any noise that exceeds ambient noise levels. Construction-related noise increases will occur over approximately a two-year period during daytime hours, which will be between 7:00 a.m. to 7:00 p.m., Monday through Friday, except for emergencies. If necessary, construction hours will be limited to 8:00 a.m. to 4:00 p.m. for certain noise-generating activities greater than 90 dBA measured at the surrounding property lines.

Normal operation of the new concrete tanks, San Pablo RCS, and transmission pipelines will not generate ground vibrations. Construction-related activities could cause ground vibrations at short intervals over approximately a two-year period, most likely during demolition with the use of heavy equipment. Vibration will be monitored and specified to not exceed the EBMUD standard of less than 0.5 inches/second peak particle velocity, a vibration level that may result in minor cosmetic damage to close proximity residential buildings; to date, this has not occurred on several other similar projects.

Construction activities will generate vehicle trips during project construction, temporarily contributing to increased traffic on local roadways. Construction traffic to and from the site would vary by type of activity and construction phase. Truck trips will be associated with hauling materials, debris, and equipment to and from the site. Road conditions on the haul route will be documented before and after construction, and roads damaged by construction will be repaired. The construction truck traffic to and from the site is estimated to be 190 truck trips per day and about 28 truck trips per hour during foundation concrete pouring. The existing traffic volume near the project site is approximately 8,720 vehicles per day based on a 2012 traffic study count near the intersection of Fairmont Avenue and Norvell Street. A Traffic Control and Safety Plan will be developed by the construction contractor for the project, including the potential use of flaggers to help keep traffic efficiently moving.

After the project construction is completed, trees will be planted on the onsite hillside between the tanks and Coventry Road to provide additional screening of the new concrete tanks and valve vault structure.

Impacts to Water Service

EBMUD has developed an outage plan that includes necessary mitigations to ensure that the demolition of the San Pablo Clearwell and dual tank construction will have no impacts to potable water service or operations. Once completed, the project will improve level of service and system redundancy. Operations and maintenance activities for the new storage tanks will be much easier, as one tank can be removed while the other remains in service.

Permits and Approvals

Construction storm water general permit, sewer discharge permit, and Division of Safety of Dams review and approval of plans for modifying the San Pablo Clearwell will be required. Encroachment permits from Contra Costa County Public Works will be required for entrance improvements and pipeline replacement work in the public right-of-way.

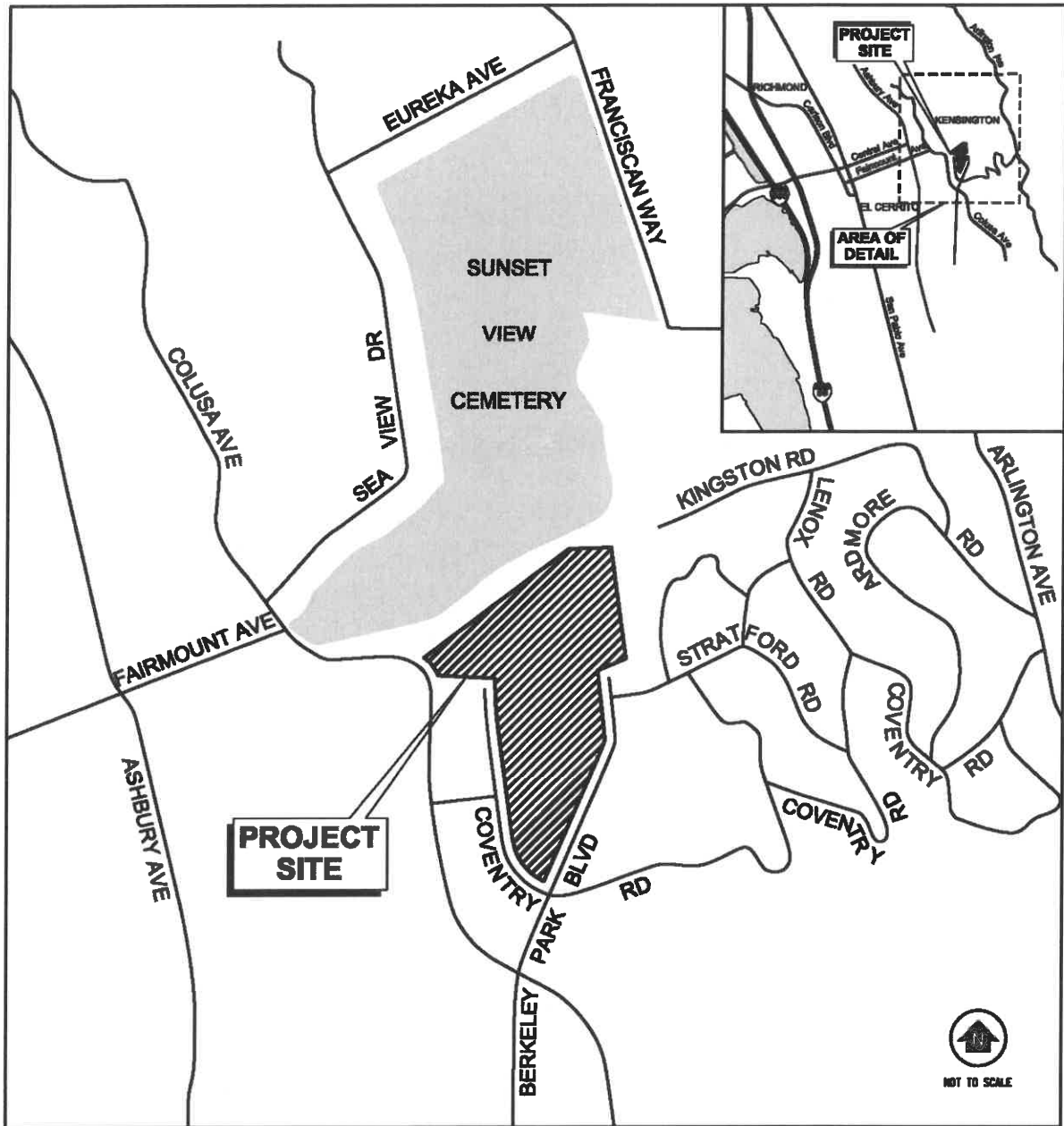
Construction Schedule

Construction for the San Pablo Clearwell Replacement and Water Treatment Plant Rehabilitation Project is scheduled to begin in April 2018 and end in October 2020.

DJR:JLM:OAH:dks

sb17_158_SanPabloCW_RevNOE

Attachments: Figure 1 – Project Site Location Map
Figure 2 – San Pablo Water Treatment Plant Rehabilitation
Figure 3 – San Pablo Clearwell Replacement
Figure 4 – Water Pipeline Installations



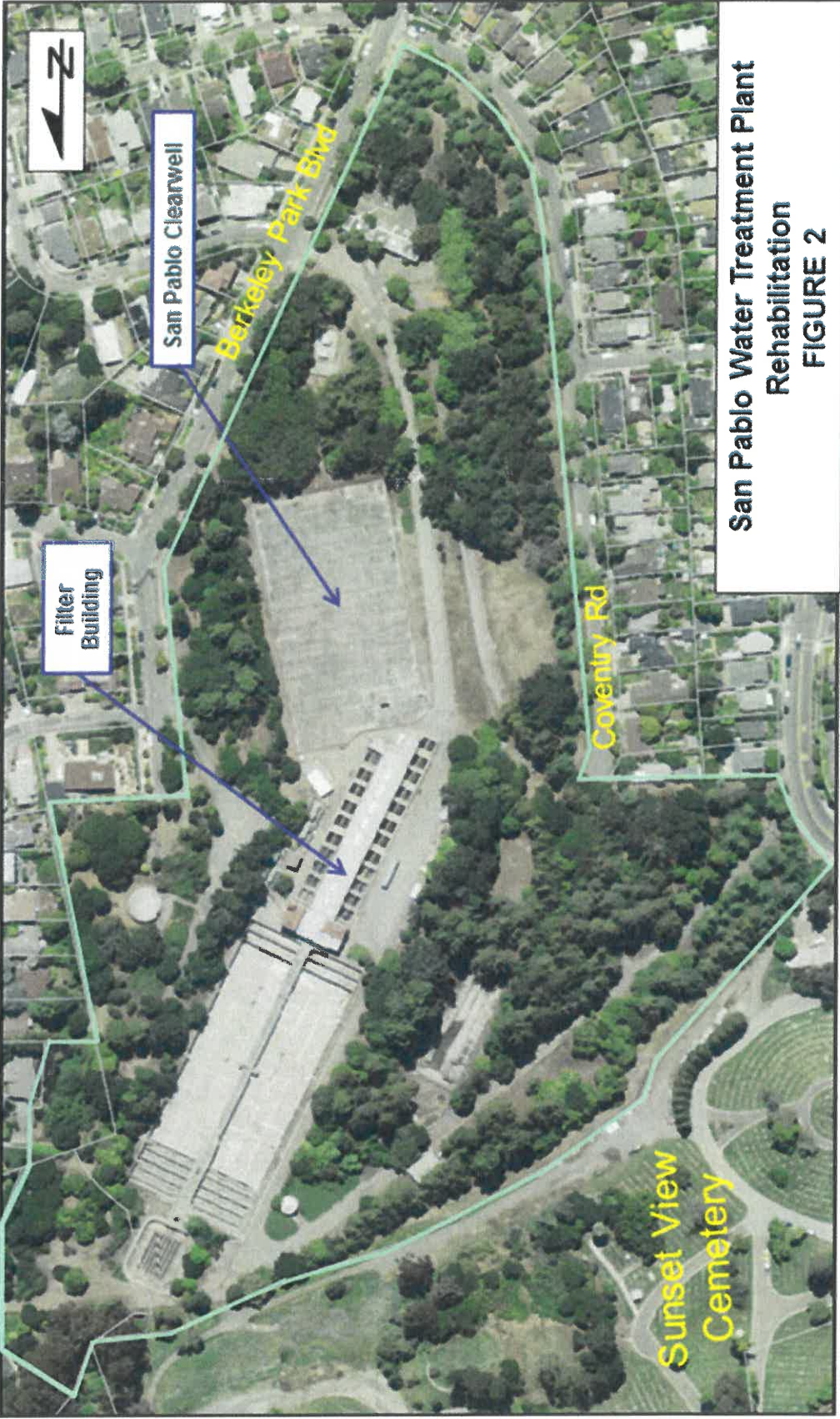
**PROJECT SITE
LOCATION MAP**

NOT TO SCALE

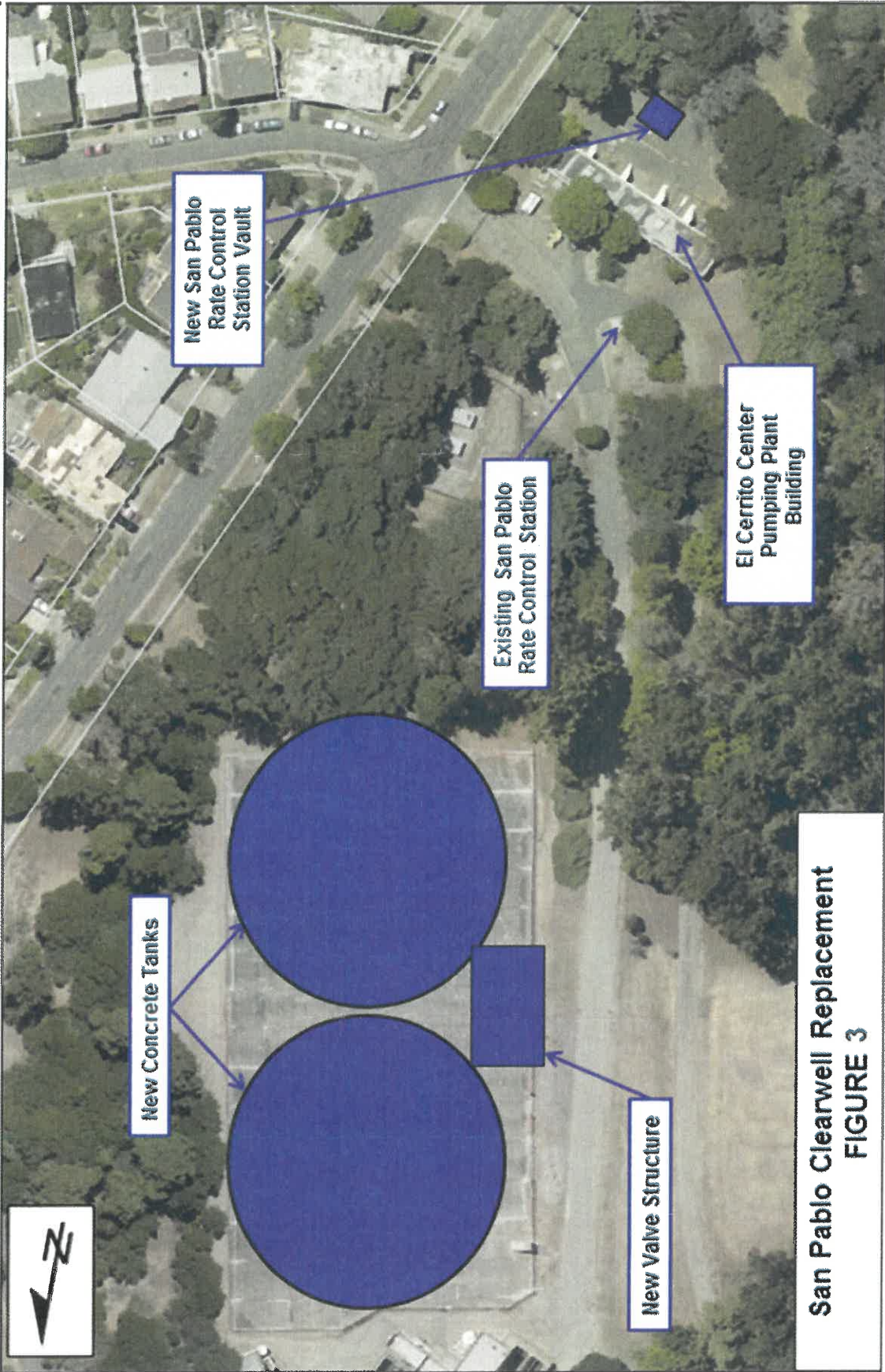
EAST BAY MUNICIPAL UTILITY DISTRICT

**SAN PABLO CLEARWELL
REPLACEMENT AND WATER
TREATMENT PLANT REHABILITATION**

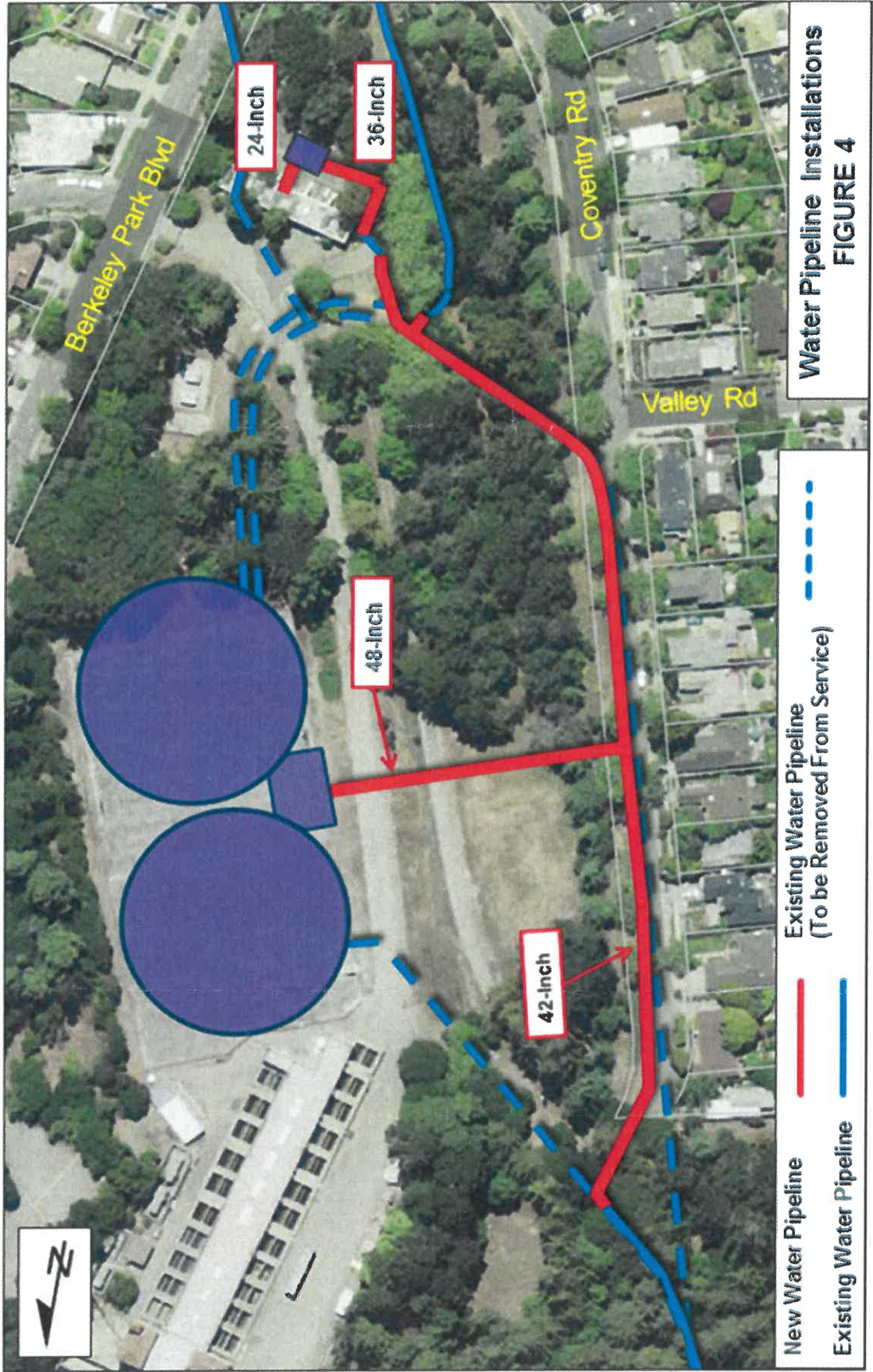
FIGURE 1



San Pablo Water Treatment Plant
Rehabilitation
FIGURE 2



San Pablo Clearwell Replacement
FIGURE 3



Water Pipeline Installations
FIGURE 4

- New Water Pipeline
- Existing Water Pipeline
- - - Existing Water Pipeline (To be Removed From Service)

CLERK'S CERTIFICATION OF POSTING

CONTRA COSTA COUNTY
P.O. Box 350
Martinez, CA 94553

I certify that I am an employee of the county of Contra Costa and that a true copy of the foregoing notice for project:

SAN PABLO CLEARWELL REPLACEMENT AND WATER TREATMENT PLANT REHABILITATION
PROJECT

(Project Name)

was posted for review at:

Contra Costa County Clerk-Recorder's Office
555 Escobar Street
Martinez, CA 94553

This notice was posted for a minimum of 35 days on 10/24/2017
(FilingDate)

Dated: DEC 05 2017 By: M. BARAJAS
(MailingDate) Deputy County Clerk



State of California - Department of Fish and Wildlife
2017 ENVIRONMENTAL FILING FEE CASH RECEIPT
 DFW 753.5a (Rev. 01/01/17) Previously DFG 753.5a

RECEIPT NUMBER: 07 — 10242017 — 279
STATE CLEARINGHOUSE NUMBER (If applicable)

SEE INSTRUCTIONS ON REVERSE. TYPE OR PRINT CLEARLY.

LEAD AGENCY EAST BAY MUNICIPAL UTILITY DISTRICT	LEAD AGENCY EMAIL	DATE 10/24/2017
COUNTY/STATE AGENCY OF FILING Contra Costa	DOCUMENT NUMBER 17-353	

PROJECT TITLE
SAN PABLO CLEARWELL REPLACEMENT AND WATER TREATMENT PLANT REHABILITATION PROJECT

PROJECT APPLICANT NAME EAST BAY MUNICIPAL UTILITY DISTRICT	PROJECT APPLICANT EMAIL	PHONE NUMBER (510) 287-0440
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PROJECT APPLICANT ADDRESS P.O. BOX 24055	CITY OAKLAND	STATE CA	ZIP CODE 94623
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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)	\$3,078.25	\$	<u>0.00</u>
<input type="checkbox"/> Mitigated/Negative Declaration (MND)(ND)	\$2,216.25	\$	<u>0.00</u>
<input type="checkbox"/> Certified Regulatory Program document (CRP)	\$1,046.50	\$	<u>0.00</u>

- Exempt from fee
 Notice of Exemption (attach)
 CDFW No Effect Determination (attach)
 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	\$	<u>0.00</u>
<input checked="" type="checkbox"/> County documentary handling fee		\$	<u>50.00</u>
<input type="checkbox"/> Other		\$	<u> </u>

PAYMENT METHOD:

Cash
 Credit
 Check
 Other **CHK # 3337**
 TOTAL RECEIVED \$ 50.00

SIGNATURE X 	AGENCY OF FILING PRINTED NAME AND TITLE S. Smith, Deputy Clerk
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County Receipt Number **3054895**