



**BOARD OF DIRECTORS
EAST BAY MUNICIPAL UTILITY DISTRICT**

375 - 11th Street, Oakland, CA 94607

Office of the Secretary: (510) 287-0440

Notice of Time Change


**PLANNING COMMITTEE
MEETING**

9:30 a.m.

Tuesday, May 8, 2018

Notice is hereby given that on Tuesday, May 8, 2018 the Planning Committee Meeting of the Board of Directors has been rescheduled from 9:15 a.m. to 9:30 a.m. The meeting will be held in the Training Resource Center of the Administration Building, 375 - 11th Street, Oakland, California.

Dated: May 3, 2018



Rischa S. Cole
Secretary of the District



**BOARD OF DIRECTORS
EAST BAY MUNICIPAL UTILITY DISTRICT**

375 – 11th Street, Oakland, CA 94607

Office of the Secretary: (510) 287-0440

AGENDA

**Planning Committee
Tuesday, May 8, 2018
9:30 a.m.
Training Resource Center**

(Committee Members: Directors Mellon {Chair}, Linney and Young)

ROLL CALL:

PUBLIC COMMENT: The Board of Directors is limited by State law to providing a brief response, asking questions for clarification, or referring a matter to staff when responding to items that are not listed on the agenda.

DETERMINATION AND DISCUSSION:

1. Amito Pumping Plant and Summit South Reservoir Security (Chan)
2. Wastewater Pump Station M and Force Main Improvements (White)

ADJOURNMENT:

Disability Notice

If you require a disability-related modification or accommodation to participate in an EBMUD public meeting please call the Office of the Secretary (510) 287-0404. We will make reasonable arrangements to ensure accessibility. Some special equipment arrangements may require 48 hours advance notice.

Document Availability

Materials related to an item on this Agenda that have been submitted to the EBMUD Board of Directors within 72 hours prior to this meeting are available for public inspection in EBMUD's Office of the Secretary at 375 11th Street, Oakland, California, during normal business hours, and can be viewed on our website at www.ebmud.com.

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: May 3, 2018

MEMO TO: Board of Directors

THROUGH: Alexander R. Coate, General Manager *ARC*

FROM: Clifford C. Chan, Director of Operations and Maintenance *CCC*

SUBJECT: Amito Pumping Plant and Summit South Reservoir Security

INTRODUCTION

Amito Pumping Plant and Summit South Reservoir are located on the same site in the Oakland Hills near Hiller Drive. In recent years, there have been a number of security incidents at this site and as a result, concerns have been raised by neighbors. This item will be presented at the May 8, 2018 Planning Committee meeting.

DISCUSSION

Amito Pumping Plant and Summit South Reservoir were constructed in the 1960s at 102 Hiller Drive in the Hiller Highlands area of Oakland (see attached map). Both facilities are partially buried. At the request of the community, staff met in August 2017 with representatives from the North Hills Community Association and several Hiller homeowners associations. This site has experienced 32 incidents of trespass, graffiti, or illegal dumping since 2010. The community expressed concerns about the disturbances at the property and risk of fire from people smoking or lighting fireworks in the vegetated area on the site.

The District maintains a level of security at its facilities to provide a secure work place, maintain a safe and reliable water supply, and prevent or mitigate potential damage or loss of assets. The security efforts are guided by the District's Security Vulnerability Assessment, experience, and industry standards and guidelines. All new facilities should have, at a minimum, some form of fencing or perimeter infrastructure to demarcate the property boundary, provide a method to display signage, and provide a baseline level of perimeter security to deter and delay access. At this site, there is no perimeter fencing and only a fence encircling the top of the partially buried reservoir.

The District is planning to install a new fence at the facility to address the high number of incidents and community concerns. To minimize the cost and impact to the immediate neighbors, the new fence will not be at the property boundary, but instead encircle the two facilities and secure the level areas that provide access to convenient viewpoints.

Amito Pumping Plant and Summit South Reservoir Security
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FISCAL IMPACT

The fence is estimated to cost about \$65,000 which is budgeted in the VA Security System Improvements Project.

NEXT STEPS

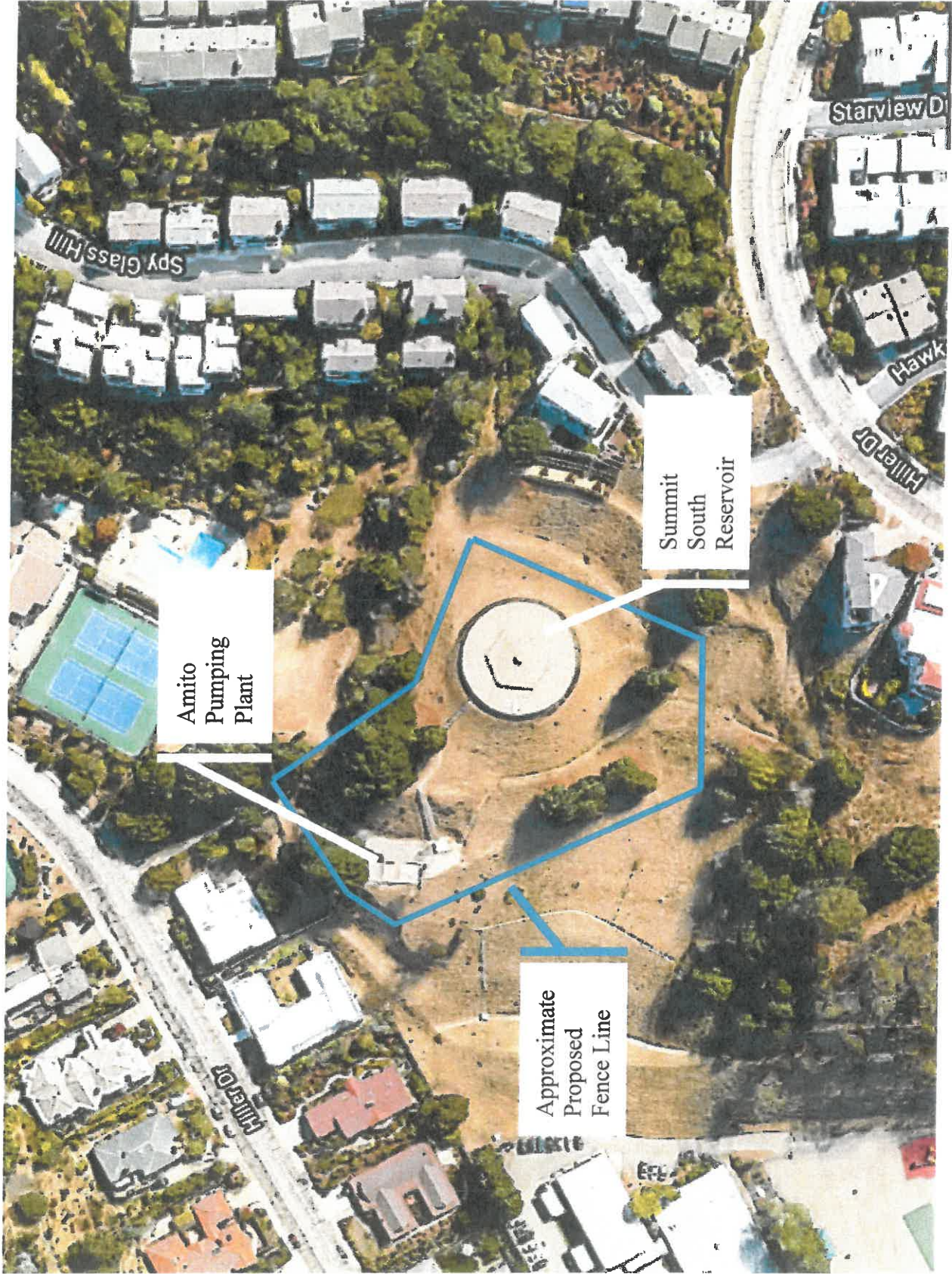
District staff will meet with the community to discuss the fencing plan, complete the California Environmental Quality Act process, and hire a contractor to complete the appropriate work.

CCC:sd

Attachment - Amito Pumping Plant and Summit South Reservoir Map

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Amito Pumping Plant and Summit South Reservoir Map



EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: May 3, 2018

MEMO TO: Board of Directors

THROUGH: Alexander R. Coate, General Manager *ARC*

FROM: Eileen M. White, Director of Wastewater *EMW*

SUBJECT: Wastewater Pump Station M and Force Main Improvements

INTRODUCTION

Located on Bay Farm Island in Alameda, Wastewater Pump Station M collects and pumps wastewater from the Bay Farm area through a force main to the Alameda Interceptor. The pump station was constructed by developers 40 years ago and is located in a residential area across the street from Earhart Elementary School. The City of Alameda undertook some facility improvements prior to transfer of ownership to the District in 1986. In addition to Pump Station M improvements, the project also includes needed upgrades to the force main discharge pipelines from Pump Stations C, G, M, N, and R located in Albany, Alameda, and Oakland. The proposed project will improve reliability, operational capability, access, and safety. Staff will provide an overview of the upcoming Wastewater Pump Station M and Force Main Improvements Project to the Planning Committee on May 8, 2018.

DISCUSSION

In 2014, the District completed a Wastewater Pump Station Master Plan Update and a Pump Station Force Main Condition Assessment Report. These reports included a risk analysis of all the pump stations and force main facilities to identify those which require rehabilitation. Pump Station M and Force Mains C, G, M, N, and R were identified as the facilities with the highest priority need for improvements. Improvements will reduce both operational and safety risks.

Construction of Pump Station M improvements will be confined primarily within the pump station site. There will be some work on the adjacent public right-of-way for pump station bypassing and access improvements. Rehabilitation of the pump station is exempt from the California Environmental Quality Act requirements, but the work will require coordination with the City of Alameda and local neighbors during the design process.

The scope of work includes reliability and safety improvements, seismic upgrades of Pump Station M, and improvements to the force mains.

Seismic Retrofits

The condition of existing concrete structures will be assessed, including conformance to current seismic code. The assessment will include use of temporary bypass equipment to take the wet

well out of service for inspection. Recommended improvements will be incorporated into the construction documents.

Operational Reliability

A large portion of the electrical equipment is located below grade and is at risk if the dry well floods. Electrical, standby electrical, and mechanical equipment will be replaced to improve reliability and meet current codes. New electrical equipment will be located above grade. New motors for pumps will be rated submersible to handle any potential flooding. New permanent bypass piping will be included for use during emergency outages or for future maintenance. Deteriorated pump station building features will also be replaced to maintain aesthetics for surrounding neighbors.

Access and Safety

Pump station personnel safety systems and ventilation will be replaced to meet current codes. Access to equipment controls and feedback systems will be improved to facilitate maintenance.

Odor Control

The effectiveness of the existing odor control system will be evaluated against alternative proven pump station site and force main manhole odor control technologies to minimize impacts to the neighboring residential community. Recommended improvements will be incorporated into the construction documents.

Force Main Improvements

The project also includes improvements to Force Mains C, G, M, N, and R, including constructing new access structures for force main pipelines to allow cleaning and condition assessments of the interior and exterior of the pipelines and provide additional valves for taking the pipelines out of service as needed. Construction of force main access structures will impact public street access in Albany, Alameda, and Oakland (see attachment).

NEXT STEPS

A consultant agreement to support the design effort will be presented to the Board for consideration on May 8, 2018. District staff will perform the design for project electrical and controls systems. Staff will develop a plan to communicate and mitigate construction impacts to affected communities. Construction is anticipated to begin in September 2019 and be completed by December 2020.

ARC:EMW

Attachment

ATTACHMENT



PUMP STATION M & FM C, G, M, N, & R IMPROVEMENTS VICINITY MAP

