



Posting Date: 01-12-2021

NOTICE OF MEETING

OPERATIONS COMMITTEE/BOARD OF DIRECTORS (OPERATIONS)

MEETING DATE: 01-15-2021

TIME: 9:30 a.m.

LOCATION: This meeting will be held virtually, pursuant to the Governor's Executive Order N-29-20.

To participate online, go to <https://zoom.us/j/94047594196>. You can also participate by phone by calling 1-669-900-6833 and entering the webinar ID#: 940 4759 4196.

PARTICIPATION DURING MEETINGS: During the public comment periods, the public may comment by clicking the "raise hand" button on the bottom of the Zoom screen; if you are joining by phone and would like to comment, press *9 and we will call on you as appropriate.

EMAILED PUBLIC COMMENTS: You may submit your comments in advance of the meeting by emailing them to BoardComment@MarinWater.org. All emailed comments received by 7:30 a.m. on the day of the meeting will be provided to the Board of Directors prior to the meeting. Those emailed comments on approval items received by 7:30 a.m. will also be summarized by the board secretary at the board meeting. All emails will be posted on our website. (Please do not include personal information in your comment that you do not want published on our website such as phone numbers and home addresses.)

AGENDA ITEMS	RECOMMENDATIONS
Call to Order	
Adopt Agenda	
Public Comment Members of the public may comment on any items not listed on the agenda during this time. Comments will be limited to three minutes per speaker, and time limits may be reduced by the Committee Chair to accommodate the number of speakers and ensure that the meeting is conducted in an efficient manner.	

MARIN WATER BOARD OF DIRECTORS: LARRY BRAGMAN, JACK GIBSON, CYNTHIA KOEHLER, LARRY RUSSELL AND MONTY SCHMITT

AGENDA ITEMS	RECOMMENDATIONS
Calendar	
1. Minutes of the Operations Committee/Board of Directors (Operations) Meeting of December 11, 2020	<i>Approve</i>
2. Purchase of Fourteen (14) Portable Emergency Generators	<i>Review and Refer for Board Approval</i>
3. Purchase of Agilent Technologies 7850 ICP-MS	<i>Review and Refer for Board Approval</i>
4. Kent Lake Aerator Vent Lines Replacement Project (D19037)	<i>Review and Refer for Board Approval</i>
5. Smith Saddle Tanks Rehabilitation Project (D21010)	<i>Review and Refer for Board Approval</i>
6. Coastal Conservancy Grant for Forestry Restoration	<i>Review and Refer for Board Approval</i>
Adjournment	

ADA NOTICE AND HEARING IMPAIRED PROVISIONS:

In accordance with the Americans with Disabilities Act (ADA) and California Law, it is Marin Water's policy to offer its public programs, services, and meetings in a manner that is readily accessible to everyone, including those with disabilities. If you are disabled and require a copy of a public hearing notice, an agenda, and/or agenda packet in an appropriate alternative format, or if you require other accommodations, please contact Board Secretary Terrie Gillen at 415.945.1448, at least two days in advance of the meeting. Advance notification will enable the Marin Water to make reasonable arrangements to ensure accessibility.

INFORMATION PACKETS ARE AVAILABLE FOR REVIEW AT THE CIVIC CENTER LIBRARY, CORTE MADERA LIBRARY, FAIRFAX LIBRARY, MILL VALLEY LIBRARY, MARIN WATER OFFICE, AND ON THE MARIN WATER WEBSITE (MARINWATER.ORG)

FUTURE BOARD MEETING:

- ❖ Tuesday, January 19, 2021
Regular Bi-Monthly Board of Directors' Meeting
7:30 p.m.



Board Secretary

Approval Item

TITLE

Minutes of the Operations Committee/Board of Directors (Operations) Meeting of December 11, 2020

RECOMMENDATION

Approve the adoption of the minutes.

SUMMARY

On December 11, 2020, the Operations Committee/Board of Directors (Operations) held its monthly meeting. The minutes of that meeting are attached.

DISCUSSION

None

FISCAL IMPACT

None

ATTACHMENT(S)

1. Minutes of December 11, 2020, Meeting of the Operations Committee/Board of Directors (Operations)

DEPARTMENT OR DIVISION	DIVISION MANAGER	APPROVED
Communications & Public Affairs Department	 Terrie Gillen Board Secretary	 Ben Horenstein General Manager

**MARIN MUNICIPAL WATER DISTRICT
OPERATIONS COMMITTEE /BOARD OF DIRECTORS (OPERATIONS) MEETING**

MINUTES

Friday, December 11, 2020

Via teleconference

(In accordance with Governor Gavin Newsom's Executive Order N-29-20)

DIRECTORS PRESENT: Larry Bragman, John C. Gibson, and Larry L. Russell

DIRECTORS ABSENT: Cynthia Koehler and Monty Schmitt

CALL TO ORDER: Chair Russell called the meeting to order at 9:32 a.m.

ADOPT AGENDA:

On motion made by Director Gibson and seconded by Director Gibson, the board approved the adoption of the agenda by the following roll call vote:

Ayes: Directors Bragman, Gibson, and Russell

Noes: None

Absent: Directors Koehler and Schmitt

PUBLIC COMMENT:

There were no public comments.

CALENDAR ITEMS:

**ITEM 1. MINUTES OF THE OPERATIONS COMMITTEE /BOARD OF DIRECTORS (OPERATIONS)
MEETING OF NOVEMBER 20, 2020**

On motion made by Director Gibson and seconded by Director Bragman, the board approved the minutes by the following roll call vote:

Ayes: Directors Bragman, Koehler, Gibson, and Russell

Noes: None

Absent: Directors Koehler and Schmitt

ITEM 2. REVIEW OF ROSS RESERVOIR LANDSLIDE REPAIR PROJECT (D19006)

Senior Engineer Alex Anaya brought forth this item. Discussion ensued.

There was no public comment. The board took no formal action.

ITEM 3. FIRE FLOW IMPROVEMENT PROGRAM REPORT FOR FISCAL YEARS 2019 AND 2020

Associate Engineer Kristin Arnold presented this item. Discussion followed.

There was no public comment. The board took no formal action.

ITEM 4. ADDITIONAL PIPELINE WORK FOR CONTRACT NO. 1899, PIEDMONT ROAD PIPELINE REPLACEMENT PROJECT, TO REPLACE AN ADDITIONAL 380-FEET OF WORN PIPE

Associate Engineer Jake Miller brought this forward. Discussion followed.

There was no public comment.

On motion made by Director Gibson and seconded by Director Bragman, the board approved Resolution 8618 approving additional pipeline replacement to the Piedmont Road Pipeline Replacement Project by the following roll call vote:

Ayes:	Directors Bragman, Koehler, Gibson, and Russell
Noes:	None
Absent:	Directors Koehler and Schmitt

ADJOURNMENT

There being no further business, the Operations Committee/Board of Directors (Operations) meeting adjourned at 10:12 a.m.

Board Secretary

Informational Item

TO: Operations Committee/Board of Directors (Operations)

FROM: Paul Sellier, Operations Director



THROUGH: Ben Horenstein, General Manager



DIVISION NAME: Operations

ITEM: Purchase of Fourteen (14) Portable Emergency Generators

SUMMARY

Over the past two wildfire seasons, the District has rented up to 29 portable generators to ensure our customers are supplied with water during extended power outages, in addition to securing backup power for San Geronimo Treatment Plant. PG&E is planning to continue the use of the Public Safety Power Shutoff (PSPS) program where customers located in high fire-threat areas may lose power for two to five days. District staff is recommending the purchase of fourteen (14) portable emergency generators as a cost-effective measure to increase our capability in responding to PSPS events and other emergencies year-round.

DISCUSSION

In 2019, PG&E initiated its Public Safety Power Shut-off (PSPS) program to reduce the likelihood of wildfire ignition by pre-emptively shutting off electric power lines when extreme fire danger conditions are forecasted. PG&E PSPS events result in power outages often occurring during summer peak demand and lasting between two to five days. Consequently, backup power generators for the distribution system are necessary to ensure our customers continue to receive water.

In preparation for potential PSPS events in the summer of 2020, the District rented 29 portable generators to power distribution pump stations and other facilities, in addition to the 2 MW portable emergency generator that was rented to provide backup power for San Geronimo Treatment Plant. During PSPS events, some portable generators are deployed to distribution pump stations that have pumps running for several hours per day while other generators are shuttled between up to 4 pump stations with lower run time requirements. While logistically challenging, the use of portable generators allows for flexibility and operation of critical pump stations throughout a PSPS event.

The District has responded to PG&E's PSPS events over the last two wildfire seasons by renting generators. However, once the wildfire season is over the generators are returned and the District no longer has use of this equipment to respond to other potential emergencies such as an earthquake that may occur outside of wildfire season. Purchasing a fleet of portable generators is more cost effective than continuing to rent generators and will greatly increase our response capability year-round. The table shown below indicates that over a period of approximately three (3) years, the cost of renting will exceed the purchase price of the generators.

Generator Capacity	Annual Rental Cost per unit	Purchase Price per unit	Simple Break Even [Years]
56 kW	\$17,158	\$53,798	3.1
100 kW	\$25,791	\$70,706	2.7
200 kW	\$38,267	\$116,528	3.1

Staff is recommending the initial purchase of fourteen portable generators to supplement the seven portable generators that the District currently owns. The seven existing portable generators are 21 years old and will likely be refurbished or replaced in the next few years. In addition to the purchase of these fourteen generators, the District will need to rent additional portable generators to augment the District owned fleet for the next wildfire season. Staff is continuing to evaluate the best options for backup power including the installation of permanent generators especially where access for towable units is challenging and to determine how the actions that PG&E are taking will affect our operations during PSPS events. PG&E are continuing to improve their forecasting and notification capabilities and in 2020 successfully reduced the size of the PSPS affected areas.

District staff is recommending the purchase of fourteen Multiquip portable diesel generators. The District has rented Multiquip generators from Sunbelt Rentals the last two wildfire seasons, and staff have found those generators to perform reliably and meet the needs of the distribution system. Each diesel generator is compliant with EPA Tier 4 Final emissions standards. The Multiquip generators are available for purchase directly from Multiquip by means of government bid pricing established by Sourcewell, a national cooperative contract purchasing solution on behalf of its member agencies which include all government, education, and non-profit agencies nationwide. This process leverages the aggregation of volume from members nationwide to receive competitive pricing on equipment and services. Multiquip has indicated that the generators are available and can be delivered within 30 days.

FISCAL IMPACT

The total cost to purchase fourteen (14) portable generators is \$946,264.

As part of the FY 2021 Capital Improvement Program, staff has budgeted \$1,000,000 for the purchase of portable generators to power distribution pump stations in the event of a power outage.

Generator Capacity	Quantity (units)	Unit Cost	Total Cost
56 kW	8	\$53,798	\$430,384
100 kW	4	\$70,706	\$282,824
200 kW	2	\$116,528	\$233,056
TOTAL	14		\$946,264


ATTACHMENT(S)

None

Informational Item

TO: District Operations Committee

FROM: Paul Sellier, Operations Director 

THROUGH: Ben Horenstein, General Manager 

DIVISION NAME: Operations

ITEM: Purchase of Agilent Technologies 7850 ICP-MS

SUMMARY

The Water Quality Lab performs water quality compliance testing as well as operational monitoring to ensure that we meet or exceed water quality standards. The ICP-MS is essential for the analysis of trace metals in our treated and source waters, including compliance with the Lead in Schools regulatory program. The existing lab equipment has been in service since 2007 and is no longer supported by the manufacturer. Staff is seeking to purchase a new ICP-MS in the amount of \$137,881.84.

DISCUSSION

The analysis of trace metals contained in our source and finished waters is a regulatory requirement (California Code of Regulations, Title 22, Article 4), and the lab is certified by the State of California to conduct the analysis of 16 metals using this instrument. Most metals, ranging from Aluminum to Vanadium, are analyzed following USEPA method 200.8 including lead testing from customer homes and at schools through the Lead in Schools program.

Compared to other techniques used for trace metal analysis, the ICP-MS offers advantages with regard to sensitivity, selectivity and efficiency. The ICP-MS can easily achieve analysis down to detection limit requirements, and can generate sub-part-per-billion results if needed. With the new ICP-MS, the lab will be ready for potential future regulation changes that require lower detection limits.

Performing trace metals analysis in-house saves money and allows Marin Water control of the quality and accuracy of data that is reported to the State. In-house analysis allows the lab to re-analyze and verify results when needed to ensure all data submitted to the State are accurate and free of errors. In addition, in-house analysis gives the lab the ability for quick turnaround of analysis to support programs such the Lead in Schools program. Over the life of the existing (now obsolete) lab equipment approximately 7,000 analyses were completed. Each analysis has

an average cost of approximately \$50 per sample at a commercial lab which over the life of the equipment equates to more than twice the purchase cost of the equipment.

In the fall of 2020, the lab did extensive research for this purchase, including making and providing blind samples to multiple potential vendors for their analysis. The following table provides a summary of the quotes received:

Vendor	Quote	Rank
Agilent Technologies	\$137,881.84	1
Thermo Electron	\$122,763.33	2
Perkin Elmer	\$135,480.40	3

Upon reviewing the instruments, the results of the blind sample analysis and the submitted quotes staff recommends the purchase of the Agilent 7850 ICP-MS for \$137,881.84. Staff is recommending that this item be referred to a regular bi-monthly Board meeting.

FISCAL IMPACT

The purchase cost of \$137,881.84 is included in the current FY 21 capital equipment budget for the Water Quality Lab.

ATTACHMENT(S)

None

Informational Item

TO: Operations Committee/Board of Directors (Operations)

FROM: Michael Ban, Director of Engineering *MB*

THROUGH: Ben Horenstein, General Manager *BH*

DIVISION NAME: Engineering

ITEM: Kent Lake Aerator Vent Lines Replacement Project (D19037)

SUMMARY

The Kent Lake aerator is used to ensure that adequate oxygen is present in the water released from Kent Lake for fish habitat, and that water diverted for treatment is well oxygenated. The Kent Lake Aerator Vent Lines Replacement Project will replace two (2) 2-inch HDPE vent lines at 180-foot lengths each and one (1) 1-inch HDPE air supply line at 200 feet in length. The air supply line and vent lines support the Kent Lake aerator. District staff issued the Invitation to Bid on January 7th and will make a recommendation for contract award at a future Board meeting.

DISCUSSION

The Kent Lake Aerator Vent Lines Replacement (Project) is a component of the District's Capital Improvement Program. In March 2019 divers made repairs to the Kent Lake aerator and found additional damage to the aerator's vent lines. The additional damage to the vent lines was caused by the aerator's lifting wire rope rubbing on the HDPE vent line piping. This contract will replace the vent and air lines, install a new aerator lifting rope and maintain separation between the lifting cable and the HDPE vent and air lines.

Summaries of the estimated Project costs and schedule are provided below.

Budget:

Engineer's Estimate:	\$100,000
Contingency:	\$10,000
Materials and Professional Fees:	\$9,500
District Labor/Inspection:	\$15,000
Total Budget:	\$134,500
Budget Category:	A1A04

Project Implementation:

Project Advertisement:	January 7, 2021
Bid Opening:	January 21, 2021
Project Award:	February 3, 2021
Estimated Completion Date:	July 22, 2021
Duration:	275 days

ENVIRONMENTAL REVIEW

The Project is Categorically Exempt pursuant to California Environmental Quality Act (CEQA) Guidelines Section 15302(c), Replacement or Reconstruction. The Project qualifies for exemption pursuant to Section 15302(c) inasmuch as it is the repair of the existing lake aerator system with negligible or no expansion of capacity. A copy of the draft Notice of Exemption is enclosed as Attachment 2.

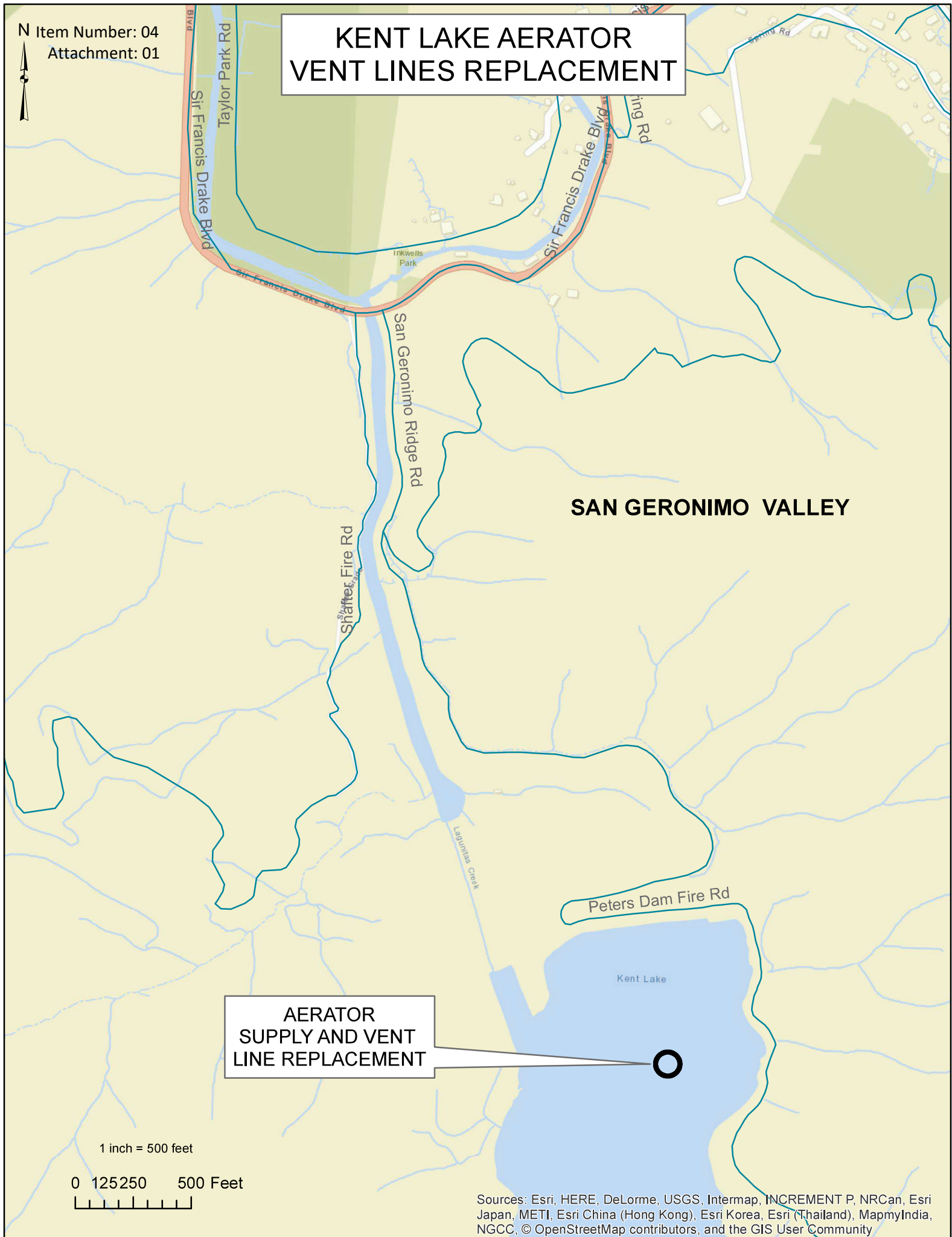
FISCAL IMPACT

The total cost to complete the Kent Lake Aerator Vent Lines Replacement is estimated at \$134,500.

ATTACHMENT(S)

1. Site Map
2. Draft Notice of Exemption

KENT LAKE AERATOR VENT LINES REPLACEMENT



SAN GERONIMO VALLEY

**AERATOR
SUPPLY AND VENT
LINE REPLACEMENT**

1 inch = 500 feet

0 125 250 500 Feet



Notice of Exemption

Filing Requested By and When Filed Return To:

Marin Municipal Water District
220 Nellen Ave
Corte Madera, CA 94925
Attn: Mike Ban, Manager of Environmental & Engineering Services

Project Title: Kent Lake Aerator Vent Lines Replacement (D20022)

Project Location: Kent Lake, San Geronimo Valley

Project Location – County: Marin

Project Description: The Kent Lake Aerator Vent Lines Replacement is a component of the District's Capital Improvement Program. This project will replace two (2) 2-inch HDPE vent lines at 180-foot lengths each and one (1) 1-inch HDPE air supply line at 200 feet in length. The air supply line and vent lines support the Kent Lake Aerator. The aerator is used to ensure that adequate oxygen is present in the water released for fish during the summer months and that any water diverted to treatment is well oxygenated.

Public Agency Approving Project: Marin Municipal Water District

Name of Person or Agency Carrying Out Project: Marin Municipal Water District

CEQA Exemption Status: Categorical Exemption Section 15302(c), Replacement or Reconstruction

Reason for Exemption: The project qualifies for exemption pursuant to Section 15302(c) of the CEQA Guidelines inasmuch as it is the repair of the existing lake aerator system with negligible or no expansion of capacity.

Project Approval: The Marin Municipal Water District Board of Directors approved the award of a contract for project construction, which represents project approval as defined by Section 15352(a) of the Guidelines for Implementation of the California Environmental Quality Act, at their regularly scheduled meeting on February 3, 2021.

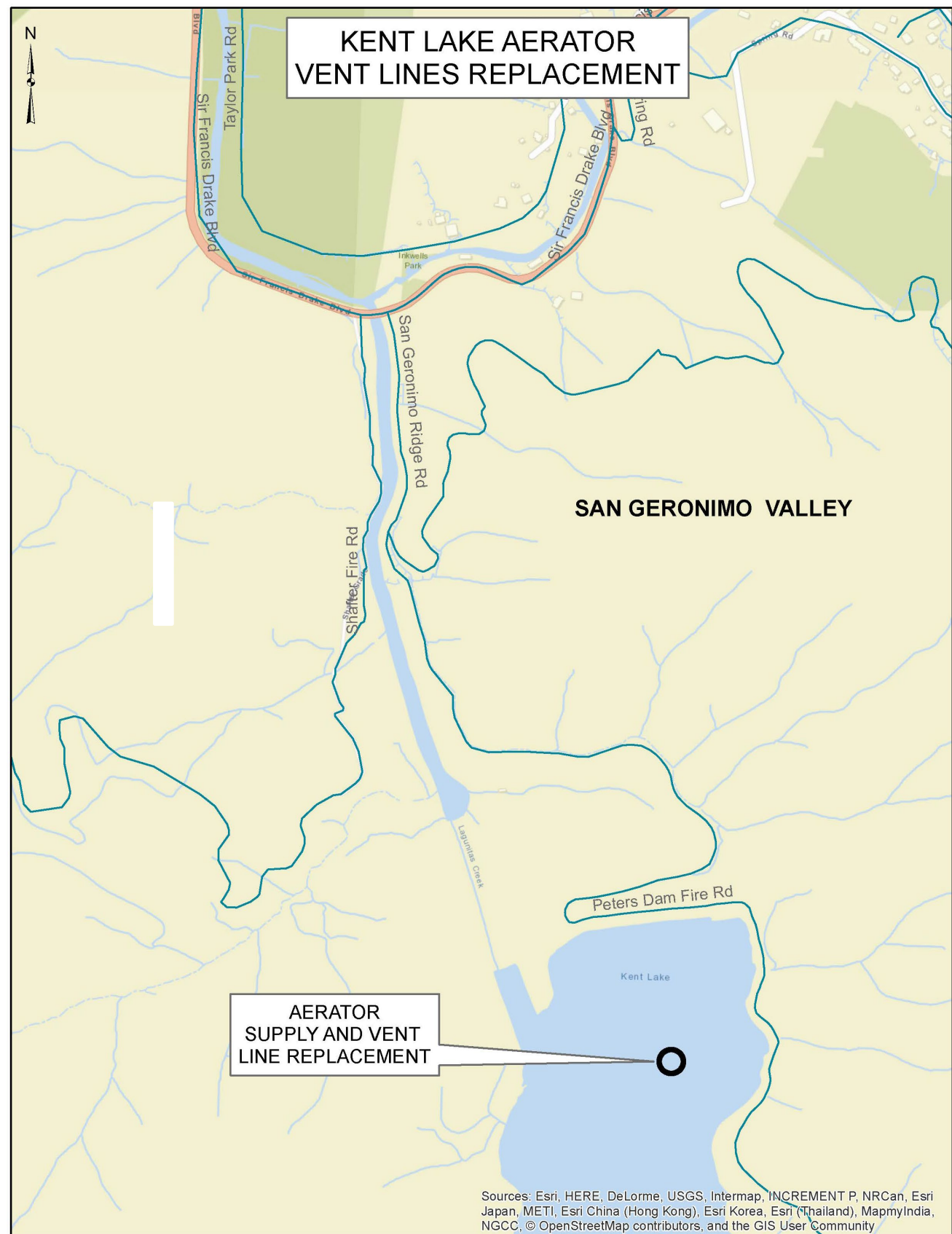
Lead Agency Contact Person: Michael Ban, Marin Municipal Water District

Telephone: (415) 945-1435

Michael Ban, Director of Engineering

Date


Figure 1: Kent Lake Aerator Vent Lines Replacement




SOURCE: MMWD 2021

Informational Item

TO: Operations Committee/Board of Directions (Operations)

FROM: Michael Ban, Director of Engineering 

THROUGH: Ben Horenstein, General Manager 

DIVISION NAME: Engineering

ITEM: Smith Saddle Tanks Rehabilitation Project (D21010)

SUMMARY

The District's two Smith Saddle Storage Tanks, which provide a total of 10 million gallons of potable water storage and are welded steel, are in need of rehabilitation because their interior and exterior coatings have reached the end of their useful and are no longer providing adequate protection for the tanks. District staff have issued a request for proposals seeking a qualified engineering consulting firm to conduct a comprehensive structural and seismic evaluation of the tanks, and make recommendations for their rehabilitation. The request for proposal is seeking a consultant firm able to complete the environmental and design work informed by the findings of the analysis. These tasks will be included as optional tasks. District staff will make a recommendation for selection of an engineering consulting firm for this work at a future Board meeting.

DISCUSSION

The Smith Saddle Tanks consist of two (5) five million gallon (5 MG) potable water storage tanks constructed in 1960 of welded steel. The tanks are of identical design and located next to each other in the foothills above the Town of Fairfax, near White Hill Middle School. The exterior of the tanks has been recoated once, in 1983, so they are now 38-years old. The interior coatings are original and are now nearly 60 years old.

The Smith Saddle Tanks are some of the largest transmission storage tanks in the District's system. They are the main transmission storage tanks between the San Geronimo Treatment Plant and the rest of the District's potable water distribution system. The Smith Saddle Tanks are rarely allowed to operate below 70% capacity as more potable water cycles through the Smith Saddle Tanks than any other tanks in the District.

The Smith Saddle Tanks have been in service for 60 years and their interior and exterior coatings have reached the end of their useful lives - extensive corrosion has formed throughout

the roof structures of the tanks. Previous inspection reports and video inspections have documented the interior conditions of the tanks, summarizing interior coating failures and severe corrosion on the roof structures of the tanks, the rafters and entry points, and specifically above the waterline.

Based on previous inspections noted above, Staff has determined the tanks require major rehabilitation in order to continue to serve the District at their full capacity.

Staff is currently seeking a qualified professional engineering consultant firm to conduct a comprehensive seismic and structural evaluation of the Smith Saddle Tanks, recommend structural modifications, repairs, and retrofits to correct deficiencies, and provide three design alternatives, each with a 100-year life cycle cost analysis. The scope includes a constructability review that identifies any additional site access improvements that need to occur in order to execute this project, such as road improvements, road grading issues, and site drainage issues.

The findings and recommendations derived from the consultant's evaluations shall be detailed in a comprehensive report. Staff will review the report and select a final design scope for rehabilitation. The District will reserve the option to continue working with the selected engineering consultant to provide the services required to develop plans, specifications and construction estimates along with the required environmental documentation and permitting for the preferred tank rehabilitation design.

FISCAL IMPACT

The total estimated cost for the Smith Saddle Tanks Rehabilitation Project ranges from \$6 million to \$10 million, and is dependent on the extent of rehabilitation required for the tanks, or possible replacement.

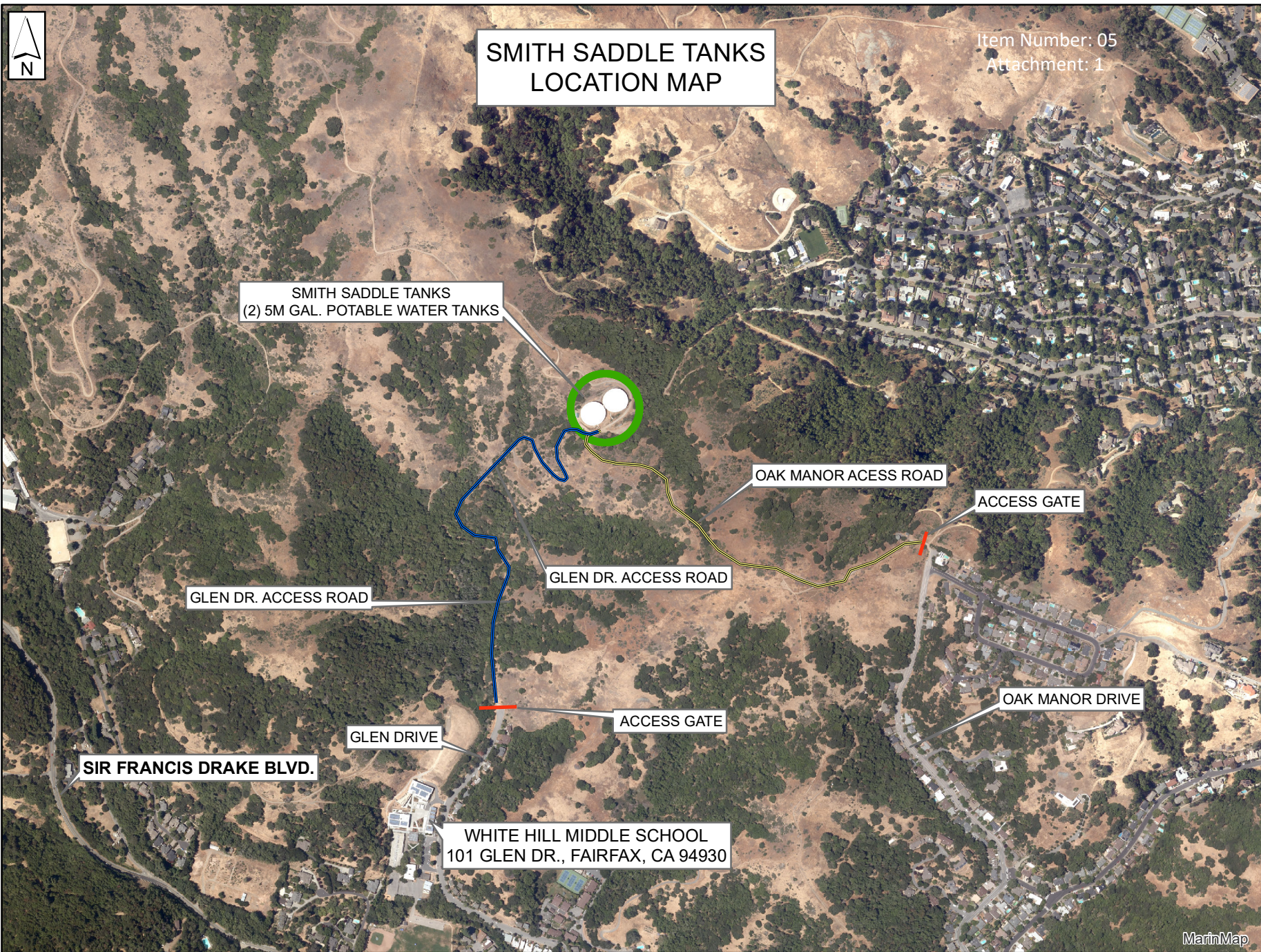
Project Implementation:

Solicit RFP	December 7, 2020
RFP Submittal Deadline	January 18, 2021
Consideration of submittals and consultant selection	January 22, 2021
Agreement for Professional Services Executed	February 2, 2021
Start of On-Site Tank Evaluation (Tentative)	Week of February 22, 2021
Evaluation Report Due	May 31, 2021
Design Start (Tentative)	June 2021
Construction Start - Tank 1 of 2 (Tentative)	December 2021
Construction Finish - Tank 1 of 2 (Tentative)	April 2022
Construction Start - Tank 2 of 2 (Tentative)	December 2022
Construction Finish - Tank 2 of 2 (Tentative)	April 2023

Note: The Smith Saddle Tanks are a critical asset and must be rehabilitated one-at-a-time, throughout the low-demand seasons of fall and winter. Tank rehabilitation during high-demand seasons of spring and summer is not feasible.

ATTACHMENT(S)

1. Smith Saddle Tanks Location Map



0 500 1,000 2,000
Feet



SMITH SADDLE TANKS SITE

GLEN DR. FIRE ROAD

OAK MANOR FIRE ROAD

Informational Item

TITLE

Coastal Conservancy Grant for Forestry Restoration

RECOMMENDATION

1. Review and refer to a regularly scheduled bi-monthly Board of Directors meeting with the District Operations Committee's recommendation to approve Amendment No. 6 to the Cooperative Agreement between the Golden Gate National Parks Conservancy and Marin Water
2. Review and refer to a regularly scheduled bi-monthly Board of Directors meeting with the District Operations Committee's recommendation to approve the disbursement of \$70,000 from the Mt. Tamalpais Watershed Fund which was donated by the Golden Gate National Parks Conservancy as part of a grant from the California Coastal Conservancy

SUMMARY

On March 2, 2020, the Golden Gate National Parks Conservancy received a grant in the amount of \$725,800 from the California Coastal Conservancy for the development of a regional, multi-benefit forest health strategy for Marin County's public lands. The grant included \$70,000 to support a 10 acre demonstrational forestry restoration project on Marin Water's Mt. Tamalpais Watershed Lands and \$70,000 for One Tam staff to support communication and outreach associated with forestry restoration work.

Staff is recommending that the District Operations Committee review and refer to the regularly scheduled bi-monthly Board of Directors meeting with a recommendation to approve Amendment No. 6 to the Cooperative Agreement and the dispersal of \$70,000 from the Mt. Tamalpais Watershed Fund which was donated by the Golden Gate National Parks Conservancy to reimburse the District for work associated with the forest restoration demonstration project.

DISCUSSION

In 2014, the Mt. Tam's four land management agencies: the Marin Municipal Water District, National Parks Service, California State Parks, Marin County Parks, and the Golden Gate National Parks Conservancy launched the Tamalpais Lands Collaborative-now called One Tam. In accordance with the Memorandum of Understanding signed by the Tamalpais Lands Collaborative (TLC) partner agencies, a "5 Year List" of projects and programs that are compatible with the purpose and vision of the TLC was developed. Each year One Tam develops an annual work plan which outlines collaborative projects and programs that will be moved forward. Forest health and resiliency is currently an area of focus of the One Tam collaborative

and on March 2, 2020, the Golden Gate National Parks Conservancy was awarded a \$725,800 grant to support the development of a regional forest health strategy for Marin County's public lands and the implementation of 10 acre demonstration project.

As part of the California Coastal Conservancy Grant, \$140,000 was budgeted to support a demonstration project on the District's watershed lands. The work was implemented as part of the District's Biodiversity, Fire and Fuels Integrated Plan (BFFIP) and associated Environmental Impact Report (EIR). The demonstration project entailed forestry work within Sudden Oak Death (SOD) impacted areas of the watershed and was designed to disrupt the disease cycle through removal of dead and diseased tan oak trees. The objective of the work is to restore healthy forest stands, improve native tree growth and reduce accumulated fuels associated with dead trees. The grant provided \$70,000 for implementation of forestry work in up to 10 acres of un-treated SOD impacted forests around Potrero Meadow and an additional \$70,000 for GGNPC staff to carry out public outreach components to raise awareness around forest resiliency and wildfire issues.



To reimburse the District for the expenses associated with implementation of the 10 acre demonstration project around Potrero Meadow the GGNPC contributed \$70,000 to the Mt. Tamalpais Watershed Fund. The forestry restoration work was completed by Staff and Contractors. The demonstration project was part of a larger forestry restoration effort that achieved 70 acres of forest restoration work around Potrero Meadow to address fuel build up associated with SOD and Douglas fir encroachment into sensitive meadow habitats. Amendment No.6 to the Cooperative Agreement between GGNPC and Marin Water identifies Marin Water as a sub-grantee of the California Coastal Conservancy Grant for the 10 acre demonstrational forest restoration project. On September 18, 2020, the GGNPC donated \$70,000 to the Mt. Tamalpais Watershed Fund and staff is recommending that the District Operations Committee review and refer to a regularly scheduled bi-monthly Board of Directors meeting with the Finance Committee's recommendation to approve the disbursement of \$70,000 from the Mt. Tamalpais Watershed Fund.

FISCAL IMPACT

No anticipated fiscal impacts.

ATTACHMENT(S)

1. GGNPC Donation Letter to Mt. Tamalpais Fund
2. Amendment No. 6 to the Cooperative Agreement between GGNPC and Marin Water

DEPARTMENT OR DIVISION	DIVISION MANAGER	APPROVED
Watershed	 Crystal Yezman Director of System Maintenance and Natural Resources	 Ben Horenstein General Manager



PARKS FOR ALL FOREVER™

September 10, 2020

Marin Community Foundation
5 Hamilton Landing, Suite 200
Novato, CA 94949
Attn: Alix Derby Salkin, VP for Philanthropic Partnerships

Re: Donation to Mount Tamalpais Watershed Fund for MMWD Work on Forest Resiliency

Dear Ms. Salkin,

Please accept the Parks Conservancy's donation of \$70,000 to be added to the "Mount Tamalpais Watershed Fund" for Forest Resiliency projects conducted by the Marin Municipal Water District. The donation will be wired to MCF within the next two weeks.

Sincerely,

A handwritten signature in blue ink, appearing to read "J Mark Jenkins".

J Mark Jenkins
VP of Finance
Golden Gate National Parks Conservancy

cc: Garrett Lee, GGNPC
Caroline Christman, GGNPC
Danny Franco, GGNPC
Shaun Horn, MMWD

MCF 2020_09_10 MMWD Donation \$70,000.00 Letter

Final Audit Report

2020-09-10

Created:	2020-09-10
By:	Garrett Lee (glee@parksconservancy.org)
Status:	Signed
Transaction ID:	CBJCHBCAABAAxk7I_ER0yR7PcLWmy92A1hHuCbZtCVVv

"MCF 2020_09_10 MMWD Donation \$70,000.00 Letter" History



Document created by Garrett Lee (glee@parksconservancy.org)

2020-09-10 - 7:42:25 PM GMT- IP address: 173.164.254.145



Document emailed to J. Mark Jenkins (jjenkins@parksconservancy.org) for signature

2020-09-10 - 7:43:19 PM GMT



Email viewed by J. Mark Jenkins (jjenkins@parksconservancy.org)

2020-09-10 - 7:43:59 PM GMT- IP address: 71.198.251.91



Document e-signed by J. Mark Jenkins (jjenkins@parksconservancy.org)

Signature Date: 2020-09-10 - 7:44:26 PM GMT - Time Source: server- IP address: 71.198.251.91



Signed document emailed to J. Mark Jenkins (jjenkins@parksconservancy.org) and Garrett Lee (glee@parksconservancy.org)

2020-09-10 - 7:44:26 PM GMT

AMENDMENT NO. 6
COOPERATIVE AGREEMENT BETWEEN THE GOLDEN GATE NATIONAL PARKS
CONSERVANCY
AND THE
MARIN MUNICIPAL WATER DISTRICT

GRANT-FUNDED FOREST RESTORATION PROJECT

This contract amendment for the Grant-Funded Forest Restoration Project is entered into by and between Marin Municipal Water District (“District”) and the Golden Gate National Parks Conservancy (“Conservancy”).

For good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, the parties hereto agree as follows:

Section 1. Recitals:

- A. District and Conservancy entered into a Cooperative Agreement on January 12, 2015 (“Agreement”).
- B. The parties desire to enter into an amendment to the Agreement to provide for the Coastal Conservancy-funded forestry restoration project

Section 2. Terms:

- A. Amendment to Agreement: This Amendment No. 6 modifies the Agreement. Except for the modifications contained herein, all the terms of the Agreement shall apply.
- B. This Amendment No. 6 shall remain in effect until June 30, 2021.
- C. Terms: The parties desire to carry out the Grant-Funded Forest Restoration Project as follows:

Project Objective: The objective of the Project is to support a demonstration forestry project on 10 acres of the District’s watershed. As part of the Golden Gate National Parks Conservancy’s \$725,800 grant from the California Coastal Conservancy, there has been \$70,000 allocated to support a 10 acre demonstrational forestry restoration project on Marin Water’s Mt. Tamalpais Watershed Lands and \$70,000 for One Tam staff to support communication and outreach associated with forestry restoration work.

The objective of the project is to restore healthy forest stands, improve native tree growth and reduce accumulated fuels associated with dead trees. The grant includes \$70,000 for implementation of forestry work in up to 10 acres of un-treated SOD impacted forests around Potrero Meadow and includes an additional \$70,000 for GGNPC staff to carry out public outreach components to raise awareness around forest resiliency and wildfire issues.

2. Statement of Work:

A. The Conservancy shall:

1. **Budget:** Conservancy shall assume the following responsibilities pertaining to the overall project budget:
 - a. Provide general services of its existing management staff as defined within the Cooperative Agreement.
 - b. Serve as lead fiscal agent, grant manager, and overall management and allocation of funds provided by the State Coastal Conservancy to meet the project objective and acquire the stated deliverables.
 - c. Provide funding in the amount not exceed \$70,000, in the form of a transfer to the Marin Community Foundation, which will then be transferred to the District as reimbursement for implementation costs incurred under the Project.
2. **Staff:** Provide Conservancy staff to fill the following project roles: Project Manager, Grant Manager.
3. **Community Engagement:** Develop and implement a strategy to incorporate community engagement and design into the project:
 - (a) Lead public outreach components to raise awareness around forest resiliency and wildfire issues.
4. **Reporting:** Report on performance and expenditure of funds relative to this Project on a quarterly basis or upon specific request, as described in Cooperative Agreement MA-5311 to the District.

B. The District shall:

1. **Budget:**
 - (a) Budget for the Project in the amount not exceed \$70,000 in MMWD Fiscal Year 2020/21. This budget will be used solely to implement the demonstration forestry restoration project at Potrero Meadow in the designated 10-acre area.

IN WITNESS HEREOF, the Parties hereto have signed their names and executed this Amendment No. 6.

Dated: _____ **GOLDEN GATE NATIONAL CONSERVANCY**

By _____
Nicolas Elsishans
Executive Vice President and Chief Operating Officer

Dated: _____ **MARIN MUNICIPAL WATER DISTRICT**

By _____
Ben Horenstein
General Manager