



**SPECIAL BOARD MEETING AGENDA
TRABUCO CANYON WATER DISTRICT
32003 DOVE CANYON DRIVE, TRABUCO CANYON, CALIFORNIA
ADMINISTRATIVE FACILITY, BOARD ROOM
JANUARY 9, 2023 AT 5:30 PM**

NOTICE OF SPECIAL BOARD MEETING

NOTICE IS HEREBY GIVEN PURSUANT TO GOVERNMENT CODE SECTION 54956 THAT A SPECIAL MEETING OF THE BOARD OF DIRECTORS OF THE TRABUCO CANYON WATER DISTRICT WILL BE HELD ON WEDNESDAY, DECEMBER 7, 2022, AT 5:00 P.M. AND WILL BE CONDUCTED IN PERSON BUT WILL BE AVAILABLE FOR PARTICIPATION BY THE PUBLIC BY TELEPHONE AUDIO AS DESCRIBED BELOW.

BOARD OF DIRECTORS

Stephen Dopudja, President
Edward Mandich, Vice President
Glenn Acosta, Director
Don Chadd, Director
Michael Safranski, Director

DISTRICT STAFF

Fernando Paludi, General Manager
Michael Perea, District Secretary
Cindy Byerrum, District Treasurer
Hanson Bridgett LLP, District General Legal Counsel

AGENDA NOTE:

Trabuco Canyon Water District (District) will make this Special Board Meeting available by telephone audio as follows:

Telephone Audio: 1 (669) 900-6833 (Toll Free) **Access Code:** 913-8681-1652

Persons desiring to monitor the Board meeting agenda items may download the Board meeting agenda and documents on the internet at www.tcwd.ca.gov. You may submit public comments by email to the Board at mperea@tcwd.ca.gov. In order to be part of the record, emailed comments on meeting agenda items must be received by the District, at the referenced e-mail address, not later than 5:00 p.m. (PDT) on the day of the meeting.

CALL MEETING TO ORDER & PLEDGE OF ALLEGIANCE

VISITOR PARTICIPATION

Members of the public wishing to address the Board regarding a particular item on the agenda are requested to submit public comments by email to the Board at mperea@tcwd.ca.gov. Public comments may also be submitted by teleconference during the meeting. The Board President will call on the visitor following the Board's discussion about the matter. Members of the public will be given the opportunity to speak prior to the Board taking action on that item. For persons desiring to make verbal comments and utilizing a translator to present their comments into English reasonable time accommodations, consistent with State law, shall be provided. Please limit comments to three minutes.

ORAL COMMUNICATION

Members of the public who wish to make comment on matters not appearing on the agenda are requested to submit oral communication by email to the Board at mperea@tcwd.ca.gov. Public comments may also be submitted by teleconference during the meeting. Under the requirements of State Law, Directors cannot take action on items not identified on the agenda and will not make decisions on such matters. The Board President may direct District Staff to follow up on issues as may be deemed appropriate. For persons desiring to make verbal comments and utilizing a translator to present their comments into English reasonable time accommodations, consistent with State law, shall be provided. Please limit comments to three minutes.

DIRECTORS' COMMENTS AND MEETING REPORTS

REPORT FROM THE GENERAL MANAGER

ACTION CALENDAR

All matters under the Action Calendar have been reviewed by the General Manager and Staff prior to the Board's consideration.

ENGINEERING MATTERS

ITEM 1: RATIFICATION OF GENERAL MANAGER'S USE OF EMERGENCY CONTRACTING AUTHORITY

RECOMMENDED ACTION:

1. Ratify the General Manager's Declaration of Emergency
2. Authorize the General Manager to execute a contract for the Dove Dam Air Vent Pipe Repair with Myers Marine Division, LLC in the amount of \$97,415 plus a 10% contingency for a total not to exceed amount of \$107,157.

END ACTION CALENDAR & ADJOURNMENT

AVAILABILITY OF AGENDA MATERIALS

Agenda exhibits and other writings that are disclosable public records distributed to all or a majority of the members of the Trabuco Canyon Water District Board of Directors in connection with a matter subject to discussion or consideration at an open meeting of the Board of Directors are available for public inspection at the Trabuco Canyon Water District Administrative Facility, 32003 Dove Canyon Drive, Trabuco Canyon, California (District Administrative Facility) and will be posted online on the District's website located at www.tcwd.ca.gov. If such writings are distributed to members of the Board less than 72 hours prior to the meeting, they will be available online at www.tcwd.ca.gov at the same time as they are distributed to the Board Members, except that, if such writings are distributed immediately prior to or during the meeting, they will be posted online on the District's website located at www.tcwd.ca.gov.

COMPLIANCE WITH THE REQUIREMENTS OF CALIFORNIA GOVERNMENT CODE SECTION 54954.2

In compliance with California law and the Americans with Disabilities Act, if you need special disability-related modifications or accommodations, including auxiliary aids or services in order to participate in the meeting, or if you need the agenda provided in an alternative format, please contact the District Secretary at (949) 858-0277, at least 48 hours in advance of the scheduled Board meeting. Notification at least 48 hours prior to the meeting will assist the District in making reasonable arrangements to accommodate your request. The Board Meeting Room is wheelchair accessible.



**TRABUCO CANYON WATER DISTRICT
SPECIAL BOARD MEETING | JANUARY 9, 2023**

ACTION CALENDAR

ITEM 1: RATIFICATION OF GENERAL MANAGER'S USE OF EMERGENCY CONTRACTING AUTHORITY

The Dove Lake Dam sluice gate operation includes a 6" PVC pipe that originates from the 30" diameter outlet pipe just downstream of the gate and vents to atmosphere. Since there is no valve on the vent pipe, a separation of joints or break in the pipe underwater can cause slow drainage of the lake until and unless stopped. As the Board is aware, the vent pipe is in a fragile state and has failed twice in the past three months. Staff previously contracted with Myers Marine Division LLC (Myers Marine) to make temporary repairs to the pipe at the point of leakage but it was understood that a majority of the pipe's length is unmoored and subject to movement with the lake and therefore continued risk of further breaks. Staff requested a proposal from Myers Marine to undertake a more comprehensive mooring and wrapping of the pipe that would minimize risk of further failure until a dam outlet improvement project could be undertaken that would include replacement of the vent pipe.

Description of Emergency Condition

Recent severe weather events have greatly exacerbated the vent pipe's poor condition and risk of failure. Additional storms are forecast in the coming weeks and staff is concerned that rapidly rising lake levels and storm-driven lake movement could cause a catastrophic failure of the pipe. In discussion with the divers from Myers Marine, repairs to a major leak would likely be too dangerous due to the suction created underwater, particularly at higher lake levels.

Due to the limited availability of Myers Marine (they have a window of availability the week of January 9) and the lead time necessary to order materials for the repair work, there was an immediate need on January 5 to authorize the work. The earliest the Board of Directors could be convened would have been the evening of Friday, January 6, given the 24-hour agenda noticing requirement. As such, per Section 9.3 of the District's Rules & Regulations, the General Manager declared an emergency to be ratified at the next meeting of the Board.

Section 9.3 provides that if the Board may not be immediately convened, "authority is granted to the General manager to declare an emergency. A declaration of emergency shall be ratified at the next meeting of the Board." This emergency contracting authority authorizes the Board or the General Manager to enter into contracts or other arrangements "when repair or replacements are necessary to permit the continued conduct of the operation or services of the District or to avoid danger to life or property."

The General Manager executed a contract with Myers Marine to perform the work as described in the December 5, 2022 proposal that was included in the staff report as part of Item 7 of December 15, 2022 regular board meeting packet (included as Exhibit B).

FUNDING SOURCE:

General Fund

FISCAL IMPACT

\$97,415 (not budgeted)

ENVIRONMENTAL COMPLIANCE:

Not applicable.

RECOMMENDED ACTION

1. *Ratify the General Manager's Declaration of Emergency*
2. *Authorize the General Manager to execute a contract for the Dove Dam Air Vent Pipe Repair with Myers Marine Division, LLC in the amount of \$97,415 plus a 10% contingency for a total not to exceed amount of \$107,157.*

**TRABUCO CANYON WATER DISTRICT
SPECIAL BOARD MEETING | JANUARY 9, 2023**

EXHIBIT(S):

1. Photo of lake and vent pipe, January 4, 2023
2. Staff report, Item 7 from December 15, 2022 Regular Board Meeting Packet

CONTACTS (staff responsible): PALUDI/LAUSTEN/ULLOA

EXHIBIT A



Photo of Dove Lake and PVC Vent Pipe Separation, January 4, 2023

**TRABUCO CANYON WATER DISTRICT
REGULAR BOARD MEETING | DECEMBER 15, 2022**

**ACTION CALENDAR
ENGINEERING MATTERS**

ITEM 7: APPROVAL OF DOVE DAM AIR VENT PIPE REPAIR

Trabuco Canyon Water District (District) operates Dove Dam in the Dove Canyon community via an agreement with the Dove Canyon HOA. The Division of Safety of Dams (DSOD) performs a yearly inspection on the Dam, outlet structure, and appurtenances. Operations Staff is responsible for completing the recommended maintenance as outlined in the DSOD report. In 2019, Staff contracted with Myers Marine Diving to inspect the outlet structure, sluice gate, gate stem and supports. The report on these items indicated that the stem and supports have significant corrosion and this equipment should be replaced.

In the past three months, the 6” PVC air vent pipe, which is connected to the 30” diameter discharge drain pipe, failed twice, allowing lake water to fill the discharge pipe and slowly drain the lake (Exhibit 1). Staff contracted with Myers Marine to make temporary repairs to the pipe and is concerned that the air vent pipe is significantly vulnerable to further damage. Staff recommends repairing the pipe which includes the following components (Exhibit 2):

- Epoxy each of the joints to prevent another separation;
- Fiberglass wrapping the area from the bottom to the surface of the lake;
- Re-bracing the pipe to the supports with stainless steel straps;
- Constructing stainless steel angle iron bracing supports in the areas that cannot be supported to the concrete supports, and;
- Replacing the area above the water line with new piping.

Below is a summary of the costs for these repairs:

Dove Dam Vent Pipe Leak Costs		
Repair	Item	Cost
8/31/2022	Repair Break	\$ 9,825.00
11/15/2022	Repair Break	\$ 8,240.00
11/21-11/22	Jet Vent Pipe	\$ 16,320.00
Proposed	Epoxy, Fiberglass Wrap and Supports	\$ 97,415.00
Total:		\$ 131,800.00

District Staff recommends contracting with Myers Marine for the repairs, which will provide Staff time to design the permanent fix to the facility.

FUNDING SOURCE:

General Fund

FISCAL IMPACT:

\$131,800 (not budgeted)

ENVIRONMENTAL COMPLIANCE:

Notice of Exemption

COMMITTEE STATUS:

This matter was reviewed with the Engineering /Operational Committee

**TRABUCO CANYON WATER DISTRICT
REGULAR BOARD MEETING | DECEMBER 15, 2022**

RECOMMENDED ACTION:

1. *Receive information at the time of the Board meeting.*
2. *Authorize the General Manager execute a contract for the Dove Dam Air Vent Pipe Repair to Myers Marine Division, LLC in the not to exceed amount of \$97,415.*

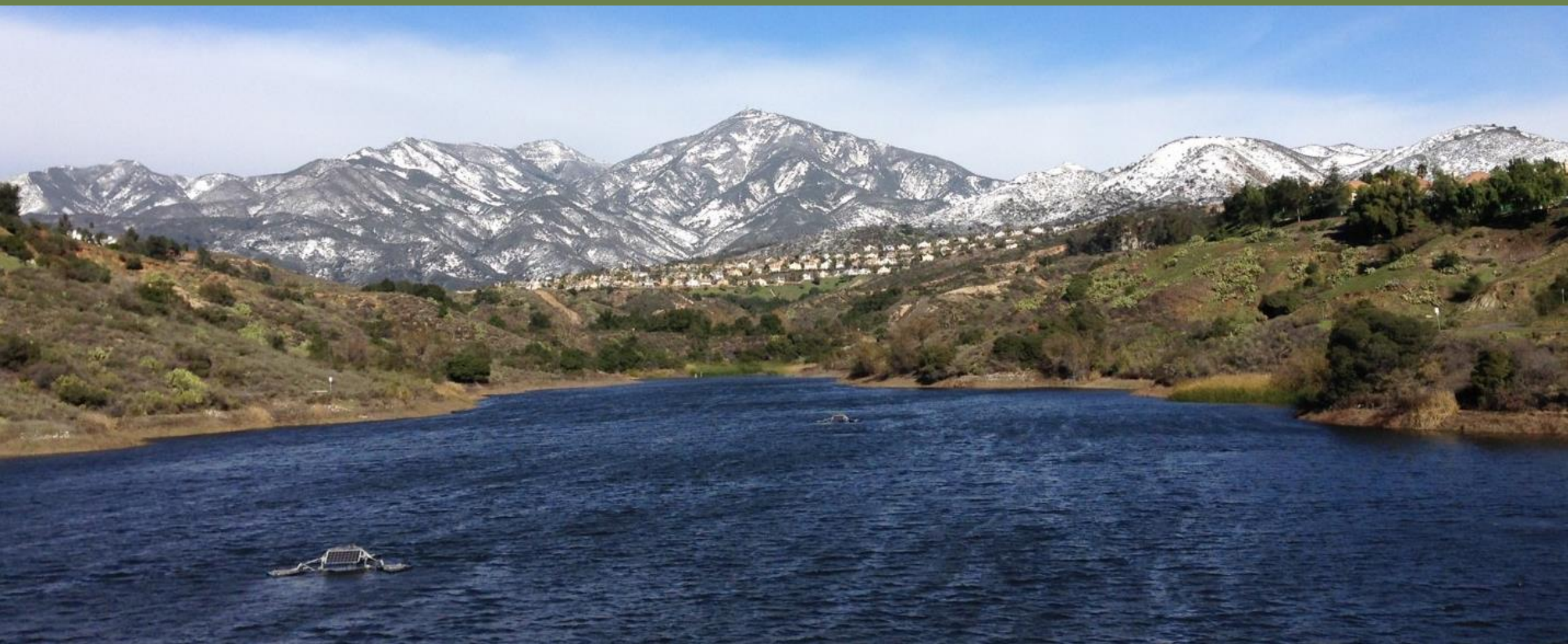
EXHIBIT(S):

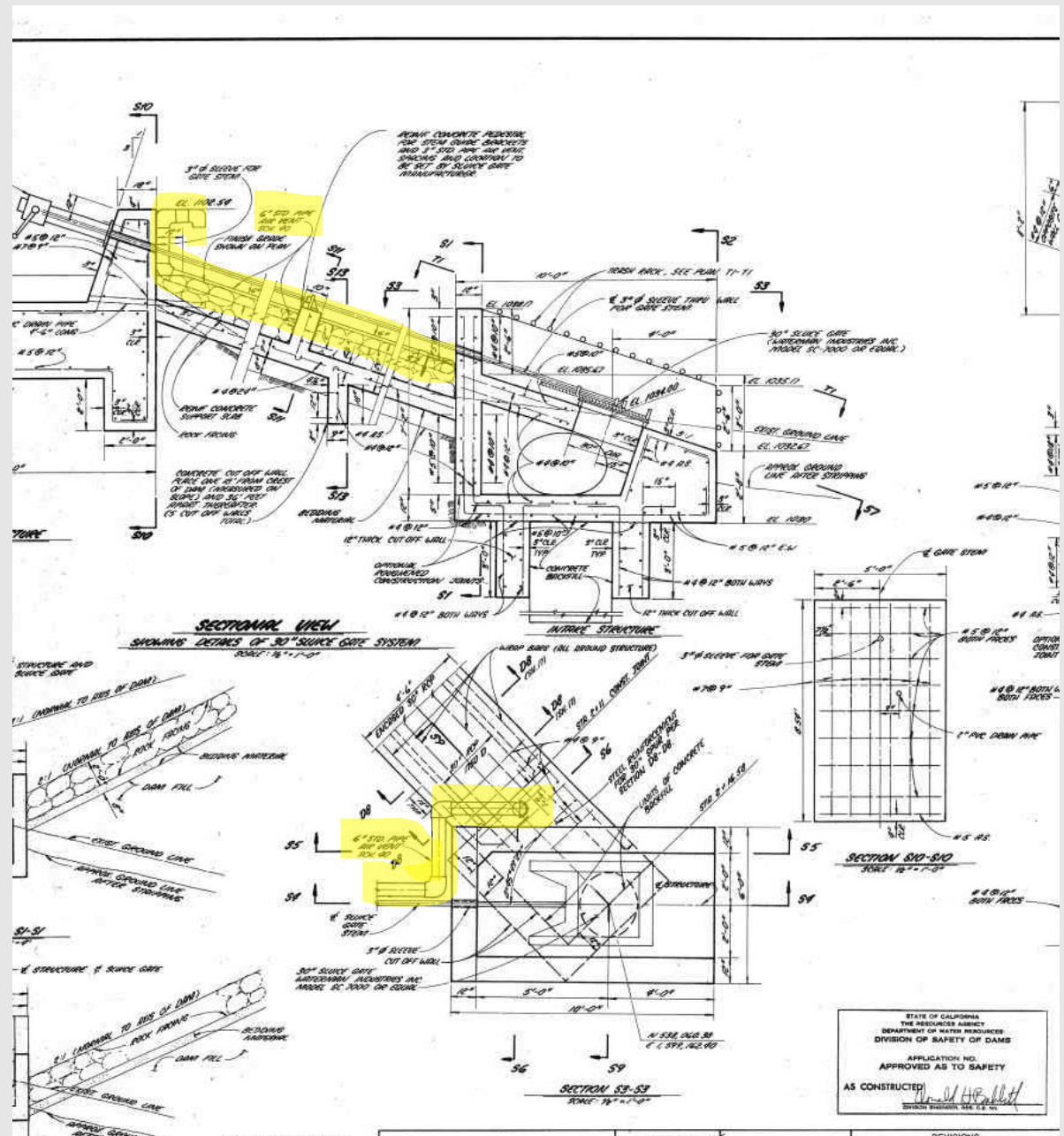
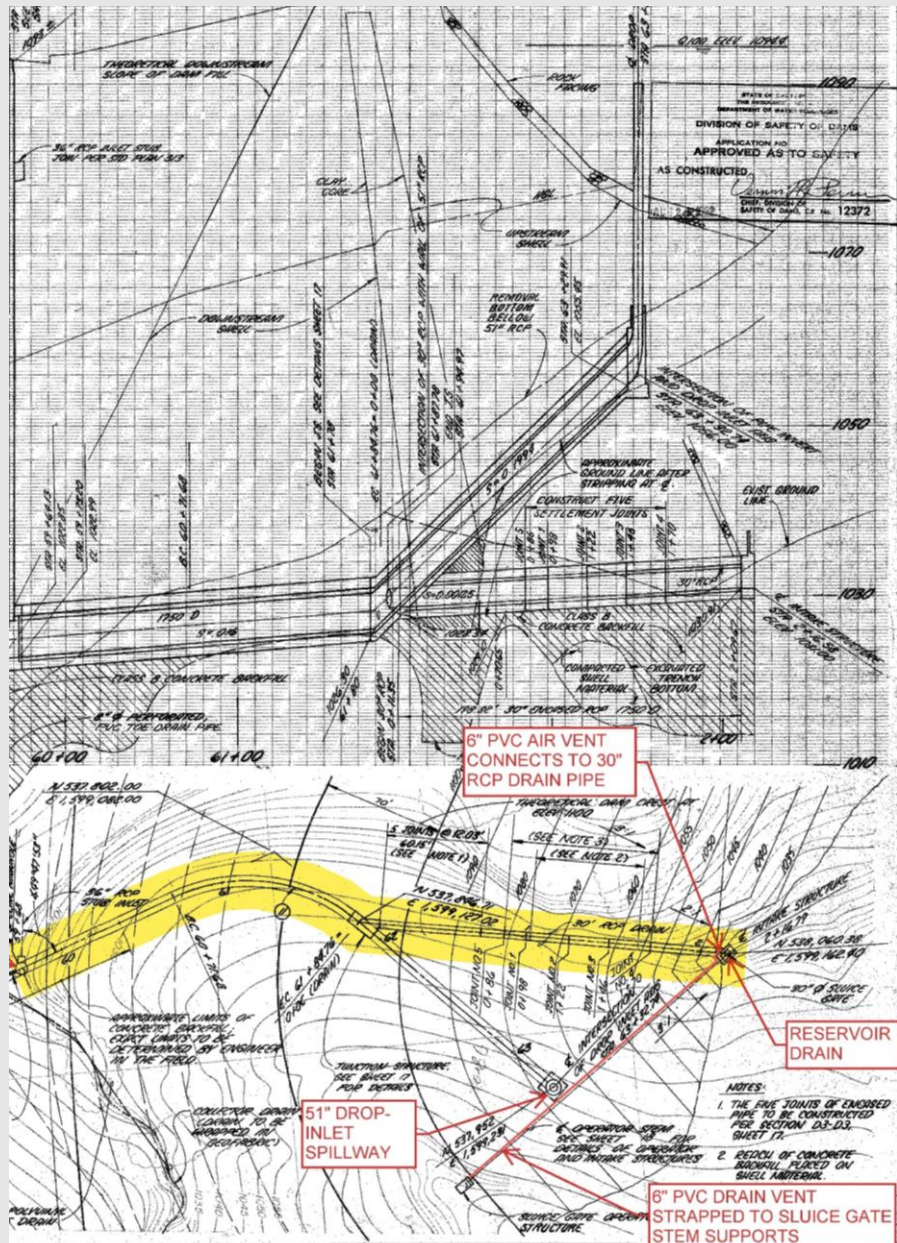
1. Outlet Structure Exhibit
2. Myers Marine Division Proposal

CONTACTS (staff responsible): LAUSTEN

Dove Lake Air Vent Pipe Repair

Trabuco Canyon Water District
Regular Board of Director's Meeting
12/15/2022





REVISIONS		DATE	
1	BUILT	1-90	9-87

DOVE CANYON DAM AND RESERVOIR

OUTLET CONDUIT

Plan and Profile

Station 51+50 to Station 63+32.74

MICROFILM

Existing Plans

Project Geology and Geotechnical Engineering by Leighton & Associates, Inc. 1151 Dwyer Avenue Irvine CA 92714

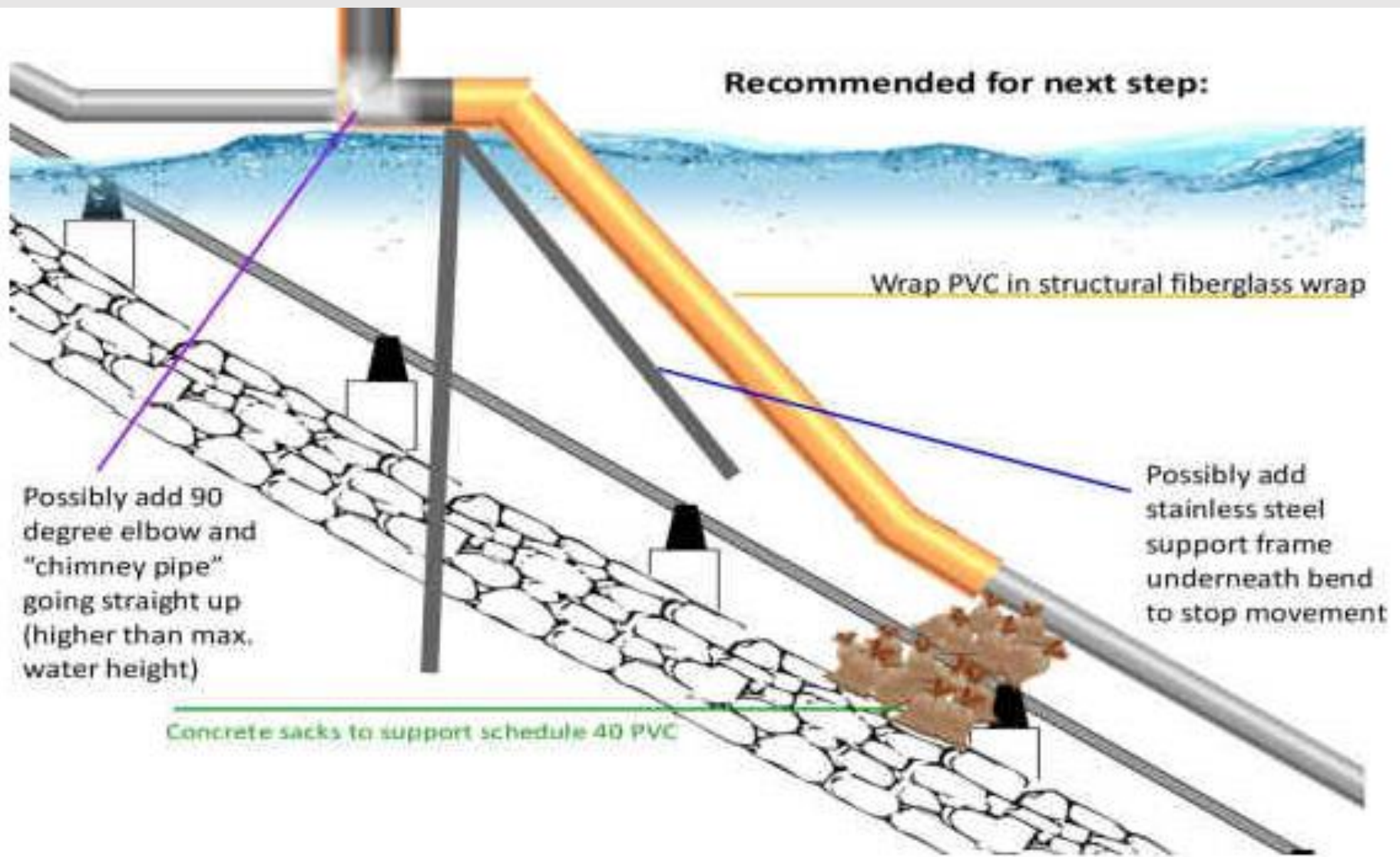
John M. Zettler
REGISTERED PROFESSIONAL ENGINEER
EXERCISES EXCLUSIVE AUTHORITY

DESIGNED: EM
DRAWN: DG
CHECKED: AAR

REVISIONS		DATE	
AS BUILT	1-90		

Existing Air Vent Pipe and Supports





Repair:

Will not install chimney pipe.

Operations will install the above water line piping.



Myers Marine Division, LLC.

(Subsidiary of Steve T. Myers Construction, Inc.)

PROPOSAL

December 5, 2022

(Revised from proposal submitted 09/29/22)

Proposal Submitted To:

Trabuco Canyon Water District (TCWD)
32003 Dove Canyon Drive
Trabuco Canyon, CA 92679

Contact:

Lorrie Lausten, P.E. | District Engineer
Phone: (949) 858-0277 x 130
Email: llausten@tcwd.ca.gov
Job: Dove Lake Dam Repair II

Scope of Work:

- Provide all materials and labor necessary to clear sediment and debris away from PVC vent pipe.
 - Approximate length and width of area to be cleared 200 ft. in length and 4-5 ft. in width.
 - Provide 4-man dive team and full dive spread as deemed necessary until sediment and debris are cleared. Clean PVC pipe with light abrasive pad. (Jetting is to also be performed at PVC in the same vicinity as slide gate).
 - PVC pipe to be cleared of marine growth in preparation for fiberglass wrap application.
 - Installation of Splash Zone 2-part marine epoxy at submerged pipe joints. (Myers Marine Division LLC to purchase Splash Zone epoxy).
 - Fiberglass wrap of PVC pipe and adding support (stainless steel angle iron bracing) is projected to take 4 days.
 - Any additional jetting will be performed as needed.
- * Myers Marine Division LLC to purchase fiberglass wrap and install. (SynthoGlass XT 4"x30' 10SF FP, SythoGlass UV White 4" x 30')
 - * SynthoGlass wrap will be applied from deepest depth possible to shoreline.
- Myers Marine Division LLC to fabricate, provide, and install stainless steel retaining brackets (10).

Contractor agrees to complete work promptly and leave premises as clean as upon arrival. Contract not valid until accepted by an officer of the corporation. Customer is responsible for all code or rule compliance, variances, permits, fees, assessments or taxes, or other governing body ordinances with regard to this contract.


All material is guaranteed to be as specified, and the above work to be performed in a substantial workmanlike manner for the sum of **\$97,415.00**

With payments to be made as follows: Payments due upon invoicing.

Note – This proposal may be withdrawn by us if not accepted within 30 days.

Myers Marine, LLC Proposal:

Myers Marine Division LLC, propose the above for the **total amount of \$ 97,415.00**



Steve T. Myers, CEO

12/5/2022

Date

Acceptance:

Name of Authorized Representative, Title

Date

Steve T. Myers Construction, Inc. will retain the services of Myers Marine Division, LLC. as a wholly owned subsidiary of Steve T. Myers Construction, Inc. to perform all diving tasks.

1663 Industrial Ave. #A, Norco, CA. 92860 (951) 403-5581 f:(951) 817-0527

myersmarinedivision@gmail.com