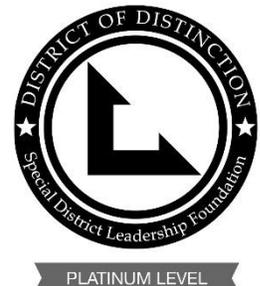




TOWN OF DISCOVERY BAY

A COMMUNITY SERVICES DISTRICT

SDLF Platinum-Level of Governance



PLATINUM LEVEL

President – Bill Pease • Vice-President – Bryon Gutow • Director – Kevin Graves • Director – Bill Mayer

**MINUTES OF THE REGULAR MEETING
OF THE WATER AND WASTEWATER COMMITTEE
OF THE TOWN OF DISCOVERY BAY
Wednesday, September 2, 2020
5:30 P.M. – 6:30 P.M.**

NOTICE **Coronavirus COVID-19**

In accordance with the Governor's Executive Order N-33-20, and for the period in which the Order remains in effect, the Town of Discovery Bay Community Services District Committee Chambers will be closed to the public.

To accommodate the public during this period of time that the Committee's Chambers are closed to the public, the Town of Discovery Bay Community Services District Committee Members have arranged for members of the public to observe and address the meeting telephonically.

TO ATTEND BY TELECONFERENCE:
Toll-Free Dial-In Number: (866) 848-2216
CONFERENCE ID **5193676302#**

Download Agenda Packet and Materials at www.todb.ca.gov/

Water and Wastewater Committee Board Members

*Chair Bill Pease
Vice-Chair Bill Mayer*

- A. ROLL CALL**
1. Call business meeting to order 5:30 p.m.- By Chair Pease
 2. Roll Call – All present with the exception of General Manager Mike Davies who joined the meeting at 5:40 p.m. and District Water Engineer Gregory Harris who joined the meeting at 5:34 p.m.
- B. PUBLIC COMMENTS (Individual Public Comments will be limited to a 3-minute time limit)**
None.
- C. DRAFT MINUTES TO BE APPROVED**
1. Approve DRAFT minutes of August 5, 2020 Water and Wastewater Committee meeting.
Motion made by Vice-Chair Mayer to approve minutes of May 6, 2020 Standing Water and Wastewater Committee meeting as noted.
Chair Pease second.
- D. PRESENTATIONS**
- E. DISCUSSION ITEMS**
1. Discussion and Provide Feedback on Scope of Work for Luhdorff & Scalmanini to Prepare an Asset Management Plan in the Amount of \$224,612.
Water Engineer Justin Shobe discussed the option to have Luhdorff & Scalmanini Consulting Engineers prepare an Asset Management Plan to help the Town prioritize risk and failure of current and foreseeable issues. Data will be collected and arranged in order starting with the most critical.
Assistant General Manager Dina Breitstein added that this will be a great way for the Town to be proactive instead of reactive and allow the Town to forecast needs for more accurate financial planning.
Vice-Chair Mayer indicated that with this Asset Management Plan, the Town should receive quarterly updates.

Assistant General Manager Dina Breitstein recommended bringing this item to the Board for approval on September 16, 2020.

Vice-Chair Mayer agreed that this would be something the Board should be informed about.

Chair Pease asked if there will be an update after a few years to continue to update the Asset Management Plan. Water Engineer Justin Shobe advised that an updated Asset Management Plan will be given every 5 years or as needed.

2. Discussion and Provide Feedback on Scope of Work for Luhdorff & Scalmanini to Prepare the America's Water Infrastructure Act (AWIA) Risk and Resilience Assessment in the Amount of \$25,000.

Water Engineer Justin Shobe advised that this is a regulatory document that needs to be prepared by all water districts to do a Risk and Resilience Assessment regarding vulnerability to the Town's water from a variety of hazards. The District will be required to submit a self-certification to the Environmental Protection Agency declaring that the District has completed the Assessment. An updated assessment declaration must be submitted every five (5) years thereafter. Water Engineer Justin Shobe suggested that Luhdorff & Scalmanini Consulting Engineers conduct the assessment and submit a self-certification to the EPA by the June 30, 2031 deadline. This quote does not include updating the Town's Emergency Response Plan. The ERP will be updated with countermeasures to improve security if any concerns are identified. The approved budget for this project is \$25,000. The proposed cost by Luhdorff & Scalmanini Consulting Engineers is \$25,000.

Assistant General Manager Dina Breitstein recommended presenting this item to the Board on September 16, 2020 for Discussion and Possible Action.

Chair Pease asked about the required frequency of this document.

Water Engineer Justin Shobe states the Risk and Resilience Assessment will be updated every 5 years.

3. Discussion and Provide Feedback on Scope of Work for Advisian (WorleyParsons Group) to Perform Detailed Design and Construction Support Engineering Services for Outfall Diffuser Replacement Project in the Amount of \$145,150.

Len Marino from Advisian discussed the Rehabilitation Project for the Outfall Diffuser. A diver hired in 2013 inspected the diffuser and noted several diffuser ports are missing and a portion of the diffuser has become plugged. These issues have caused the diffuser to not perform to its capacity as is required to properly handle peak wastewater flows. Advisian was hired to prepare a report on options and cost to repair the diffuser. From this report, the Town set aside \$500,000 to repair the diffuser with a larger header pipe. This budget will cover the cost of permits, engineering and construction to the diffuser repairs. Advisian completed and filed reports with the appropriate agencies for the repair of the system. It is recommended that this item be presented to the Board on September 16, 2020 to allow Advisian to continue interaction with the diffuser design team and permitting agencies to continue the work on the diffuser repairs. There was a discussion between Len Marino and the Committee regarding cost and projected budget. It was determined that the amount for this item is \$145,150 additional to the original amount budgeted of \$500,000.

Chair Pease asked how common it is for diffusers to empty into a river.

Len Marino replied that it is unusual.

Vice-Chair Mayer asked if this was parallel to the Denitrification Project.

District Water Engineer Gregory Harris states it is separate to the Denitrification Project and will not present a problem.

Committee suggested to move this item to the Board for Discussion and Possible Action on September 16, 2020.

4. Discussion and Provide Feedback on Scope of Work for Stantec to Perform Computational Fluid Dynamics Modeling Engineering Services for UV System at Plant No. 2 as part of the Denitrification Project in the Amount of \$54,500.

District Water Engineer Gregory Harris states he has done some flow testing with Stantec to ensure the UV system is working at its capacity and up to Title 22 standards. It was found there is an issue with hydraulic turbulence interfering with proper operations of the UV system during times of high flow. This project was put on the CIP and budgeted at \$160,000. Based on preliminary hydraulic testing completed on July 30, 2020, the need for Computational Fluid Dynamics Modeling of the UV channel is needed. In essence, this will provide detailed computer modeling to determine the best approach. Stantec's proposed cost for Computational Fluid Dynamics Modeling of the UV channel is \$54,500.

Committee asked questions to clarify the process of the repair.

Vice-Chair Mayer asked if this project would interfere with the Denitrification Project.

District Water Engineer Gregory Harris indicated this project would be done as part of the Denitrification Project.

District Water Engineer Gregory Harris requested permission from the Committee to bring this item to the Board on September 16, 2020 for Discussion and Possible Action.

Committee agreed to recommend this item be presented to the Board at the next BOD meeting.

F. FUTURE DISCUSSION/AGENDA ITEMS

G. ADJOURNMENT

1. Adjourn at 6:20 p.m. to the next Standing Water and Wastewater Committee meeting at the Community Center located at 1601 Discovery Bay Boulevard.

"This agenda shall be made available upon request in alternative formats to persons with a disability, as required by the American with Disabilities Act of 1990 (42 U.S.C. § 12132) and the Ralph M. Brown Act (California Government Code § 54954.2). Persons requesting a disability related modification or accommodation in order to participate in the meeting should contact the Town of Discovery Bay, at (925) 634-1131, during regular business hours, at least forty-eight hours prior to the time of the meeting."

"Materials related to an item on the Agenda submitted to the Town of Discovery Bay after distribution of the agenda packet are available for public inspection in the District Office located at 1800 Willow Lake Road during normal business hours."

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