



# TOWN OF DISCOVERY BAY

A COMMUNITY SERVICES DISTRICT

SDLF Platinum-Level of Governance



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

## NOTICE OF THE REGULAR MEETING OF THE WATER AND WASTEWATER COMMITTEE OF THE TOWN OF DISCOVERY BAY

Wednesday, May 6, 2020

5:30 P.M. – 6:30 P.M.

Website address: [www.todb.ca.gov](http://www.todb.ca.gov)

### 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 Board Chambers will be closed to the public.

To accommodate the public during this period of time that the Board's Chambers are closed to the public, the Town of Discovery Bay Community Services District Board of Directors has 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 CODE: **5193676302**

To view the Agenda and Presentation Materials go to

Agenda Packet and Materials at: [www.todb.ca.gov/](http://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.
2. Roll Call.

#### B. PUBLIC COMMENTS (Individual Public Comments will be limited to a 3-minute time limit)

During Public Comments, the public may address the Committee on any issue within the District's jurisdiction which is not on the Agenda. The public may comment on any item on the Agenda at the time the item is before the Committee for consideration. Any person wishing to speak will have 3 minutes to make their comment. There will be no dialog between the Committee and the commenter as the law strictly limits the ability of Committee members to discuss matters not on the agenda. We ask that you refrain from personal attacks during comment, and that you address all comments to the Committee only. Any clarifying questions from the Committee must go through the Chair. Comments from the public do not necessarily reflect the view point of the Committee members.

#### C. DRAFT MINUTES TO BE APPROVED

1. April 1, 2020 Regular Water and Wastewater Committee DRAFT Meeting Minutes.

#### D. PRESENTATIONS

1. Water and Wastewater Update.

**E. DISCUSSION ITEMS**

1. Discussion Regarding Annual Water Quality Report/Consumer Confidence Report - Reporting year 2019.
2. Discussion Regarding the Initial Study and Mitigated Negative Declaration (ISMND) Related to Repairing the Damaged Diffuser Outfall in Old River.
3. Discussion Regarding Well 8 Test Well.
4. Discussion Regarding Luhdorff & Scalmanini to Construct a Test Well, Perform Soil and Water Testing and Obtain Regulatory Siting Concurrence on Parcel C of the Pantages Subdivision in the Amount of \$172,775 for Future Well 8 Project.

**F. FUTURE DISCUSSION/AGENDA ITEMS**

**G. ADJOURNMENT**

1. Adjourn to the next Standing Water and Wastewater Committee Meeting

"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 website located at <https://www.todb.ca.gov>."



# TOWN OF DISCOVERY BAY

A COMMUNITY SERVICES DISTRICT

SDLF Platinum-Level of Governance



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

## MINUTES OF THE REGULAR MEETING OF THE WATER AND WASTEWATER COMMITTEE OF THE TOWN OF DISCOVERY BAY

Wednesday, April 1, 2020

5:30 P.M. – 6:30 P.M.

Website address: [www.todb.ca.gov](http://www.todb.ca.gov)

### Water and Wastewater Committee Board Members

Chair Bill Pease

Vice-Chair Bill Mayer

### 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/](http://www.todb.ca.gov/)

#### 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 District Water Engineer Shobe.

#### B. PUBLIC COMMENTS (Individual Public Comments will be limited to a 3-minute time limit)

None.

#### C. DRAFT MINUTES TO BE APPROVED

1. March 4, 2020 Regular Water and Wastewater Committee DRAFT Meeting Minutes – Approved.

#### D. PRESENTATIONS

1. Water and Wastewater Update.

District Engineer Harris – Provided an update regarding the Diffuser Project and the testing is delayed due to COVID-19.

Project Manager Sadler – Provided an update regarding the Plants are running normal, business as usual, and changes with outside vendors. There was discussion regarding any impacts related to COVID-19. The discussion continued regarding the flows at the Treatment Plant.

**E. DISCUSSION ITEMS**

1. Discussion Regarding Annexation of Water and Wastewater Plants into Town's Jurisdiction.  
Projects Manager Yeraka – Provided the details regarding the annexation of Water and Wastewater Plants into the Town's jurisdiction, and the CEQA documents. There was discussion regarding the timeframe,

**F. FUTURE DISCUSSION/AGENDA ITEMS**

None.

**G. ADJOURNMENT**

1. The meeting adjourned at 5:43 p.m. to the next Standing Water and Wastewater Committee Meeting

DRAFT



Presented By

Este informe contiene información muy importante sobre su agua potable. Tradúzcalo o hable con alguien que lo entienda bien.

♻️ Recycled and Recyclable  
Copyright ©2020 Gemini Group, LLC  
All rights reserved  
CA001154-1

Town of Discovery Bay CSD  
1800 Willow Lake Road  
Discovery Bay, CA 94505-9376

To ensure that tap water is safe to drink, the U.S. Environmental Protection Agency (U.S. EPA) and the State Water Resources Control Board (SWRCB) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. California law also establish limits for contaminants in bottled water that provide the same protection for public health. Drinking water, including bottled water, may reasonably be expected to contain small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the U.S. EPA Safe Drinking Water Hotline at (800) 426-4791.

- **Radioactive Contaminants** that can be naturally occurring or be the result of oil and gas production and mining activities.
- **Organic Chemical Contaminants**, including synthetic and volatile organic chemicals that are by-products of industrial processes and petroleum production and can also come from gas stations, urban storm water runoff, agricultural application, and residential uses.
- **Pesticides and Herbicides** that may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.
- **Inorganic Contaminants**, such as salts and metals that can be naturally occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- **Microbial Contaminants**, such as viruses and bacteria that may come from wastewater treatment plants, septic systems, agricultural livestock operations, and wildlife.

Basic Information about Drinking Water Contaminants that may be present in source water include the following:

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material and can pick up substances resulting from the presence of animals or from human activity.

### Sources of Supply

# ANNUAL WATER QUALITY REPORT

REPORTING YEAR 2019

PR SRT STD  
U.S. Postage  
PAID  
Gemini Group  
22901

## A MESSAGE TO OUR VALUED CUSTOMERS

Thank you for taking the time to read our 2019 Annual Water Quality Report. This report covers all testing performed between January 1 and December 31, 2019 and summarizes the quality of your water. The Town of Discovery Bay Community Services District (CSD) continues to comply with or surpass federal and state standards for safe drinking water. This report includes details about water sources, what the water from your tap contains, and how it compares to standards set by regulatory agencies. We hope you find this report useful in illustrating the high quality of your water service. You can be confident your tap water is among the best in the country.

## Getting Involved with the Community

The Town of Discovery Bay CSD Board of Directors meets on the first and third Wednesday of each month at 7:00 p.m. at the Community Center, 1601 Discovery Bay Boulevard, Discovery Bay. Members of the community are encouraged to attend.

Our website, [www.todb.ca.gov](http://www.todb.ca.gov) is your best resource for community news, board meeting agendas and minutes, paying your water bill, and managing your water usage with Eye on Water.

### Board Members for 2019

- Bill Pease, President
- Bryon Gutow, Vice President
- Kevin Graves, Director
- Bob Leete, Director
- Bill Mayer, Director



## Finding leaks just got easier with EyeOnWater

Create your FREE account today!



- Free of cost
- Easy to read dashboard
- Connects you to us!

1. Visit [www.EyeOnWater.com/signup](http://www.EyeOnWater.com/signup) on your computer using a supported web browser OR download the mobile app to your cell phone.
2. Enter your service area zip code: 94505
3. Enter account number on your water bill including dashes and periods.
4. Review the account and verify it is in your name. If it is not your account, contact TODB's Water Department (925) 634-1131 to update your account info.
5. Create and confirm your account password.
6. You will receive a confirmation email from Badger Meter, Inc. Verify your email address by clicking the link to activate your EyeOnWater account.
7. Sign in to EyeOnWater using your email login and password.
8. You're all set to start monitoring your water usage!

## Lead in Home Plumbing

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. We are responsible for providing high-quality drinking water, but we cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to two minutes before using water for drinking or cooking. (If you do so, you may wish to collect the flushed water and reuse it for another beneficial purpose, such as watering plants.) If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline at (800) 426-4791 or at [www.epa.gov/safewater/lead](http://www.epa.gov/safewater/lead).

## Health-Related Notice

### Precautions for Vulnerable Populations

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised persons such as those with cancer actively undergoing chemotherapy, persons that have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. U.S. EPA/Center for Disease Control guidelines on appropriate means to lessen the risk of infection by *cryptosporidium* and other microbial contaminants are available from the U.S. EPA's Safe Drinking Water Hotline, (800) 426-4791, or <http://water.epa.gov/drink/hotline>.

## OBTAINING INFORMATION

Although the report lists only those regulated substances that were detected in your water, we test for more than what is reported. This report is only a summary of our activities during 2019. If you have any questions about the information in this report or have a concern or inquiry about your drinking water quality, please contact the Town of Discovery Bay water and wastewater manager at (925) 634-1131 or visit our website at [www.todb.ca.gov](http://www.todb.ca.gov).

You may request a summary of the assessment by contacting CA State Water Resources Control Board, Division of Drinking Water, 850 Marina Bay Parkway, Bldg. P-2, Richmond, CA 94804.

## How to Read the Table in Your Water Quality Report

The Water Quality Report, also called the Consumer Confidence Report, lets you know what, if any, are in your drinking water and how these constituents may affect your health. It lists all the regulated that were detected.

Although the average readings on all the substances listed within these tables are under the maximum contaminant level (MCL), we feel it is important that water consumers know exactly what was detected and how much of the substance was present in the water.

The state recommends monitoring for certain substances less than once per year because the concentrations of these substances do not change frequently. In these cases, the most recent sample data are included, along with the year in which the sample was taken.

### REGULATED SUBSTANCES

SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	MCL (MCL) [MRDL]	PHG AMOUNT DETECTED (MCLG) [MRDL]	AMOUNT DETECTED AL/TOTAL (90TH %ILE) SITES ABOVE	VIOLATION	TYPICAL SOURCE
Arsenic (ppb)	2018	10	0.004	3	ND-5	Erosion of natural deposits; runoff from orchards; glass and electronics production wastes
Barium (ppm)	2018	1	2	ND	ND-0.30	Discharges of oil drilling wastes and from metal refineries; erosion of natural deposits
Chlorine (ppm)	2019	[4.0 (as Cl <sub>2</sub> )]	[4 (as Cl <sub>2</sub> )]	0.49	0.38-0.61	By-product of drinking water disinfection
Fluoride (ppm)	2018	2.0	1	0.3	0.2-0.4	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories
Gross Alpha Particle Activity (pCi/L)	2018	15	(0)	2.54	ND-5.27	Erosion of natural deposits
Haloacetic Acids (ppb)	2019	60	NA	11	7-14	By-product of drinking water disinfection
Selenium (ppb)	2018	50	30	ND	ND-8	Discharge from petroleum, glass, and metal refineries; erosion of natural deposits; discharge from mines and chemical manufacturers; runoff from livestock lots (feed additive)
TTTHMs [Total Trihalomethanes] (ppb)	2019	80'	NA	73	46-91	By-product of drinking water disinfection

### Tap water samples were collected for lead and copper analyses from sample sites throughout the community

SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	AL (MCLG)	PHG AMOUNT DETECTED (MCLG)	AMOUNT DETECTED AL/TOTAL (90TH %ILE) SITES ABOVE	VIOLATION	TYPICAL SOURCE
Copper (ppm)	2018	1.3	0.3	0.34	0/40	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead (ppb)	2018	15	0.2	3.8	0/40	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits

### SECONDARY SUBSTANCES

SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	SMCL (MCLG)	PHG AMOUNT DETECTED (MCLG)	RANGE AMOUNT DETECTED (LOW-HIGH)	VIOLATION	TYPICAL SOURCE
Chloride (ppm)	2018	500	NS	189	86-594	Runoff/leaching from natural deposits; seawater influence
Color (Units)	2018	15	NS	3	ND-10	Naturally occurring organic materials
Iron (ppb)	2018	300	NS	ND	ND-140	Leaching from natural deposits; industrial wastes
Manganese (ppb)	2019	50	NS	0.54	0.5-0.58	Leaching from natural deposits
Odor-Threshold (TON)	2018	3	NS	ND	ND-1	Naturally occurring organic materials
Specific Conductance (umho/cm)	2018	1,600	NS	1,301	937-2,660	Substances that form ions when in water; seawater influence
Sulfate (ppm)	2018	500	NS	79.5	40.8-108	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (ppm)	2018	1,000	NS	745	540-1,470	Runoff/leaching from natural deposits
Turbidity (NTU)	2018	5	NS	0.3	0.1-0.5	Soil runoff

### UNREGULATED AND OTHER SUBSTANCES<sup>2</sup>

SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	AMOUNT DETECTED	RANGE AMOUNT DETECTED (LOW-HIGH)	TYPICAL SOURCE
Aggressiveness Index (Units)	2018	12.5	12.2-12.6	NA
Alkalinity (ppm)	2018	295	250-350	NA
Bromide (ppb)	2019	470	260-940	NA
Calcium (ppm)	2018	47	29-75	NA
Gross Alpha Particles (pCi/L)	2018	2.54	ND-5.27	Erosion of natural deposits
HAA9 (ppb)	2019	108.73	100.91-115.42	NA
Hardness, Total [as CaCO <sub>3</sub> ] (ppm)	2018	214	130-356	Sum of polyvalent cations present in the water, generally magnesium and calcium, usually naturally occurring
Langelier Index (Units)	2018	0.6	0.4-0.7	NA
Magnesium (ppm)	2018	24	14-41	NA
pH (Units)	2018	8	7.8-8.2	NA
Sodium (ppm)	2018	208	126-442	Salt present in the water and naturally occurring in the environment
Total Organic Carbon (ppb)	2019	250	ND-1,500	NA

<sup>1</sup> Some people who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous system and may have an increased risk of getting cancer. Unregulated contaminant monitoring helps U.S. EPA and the SWRCB determine where certain contaminants occur and whether the contaminants need to be regulated.

<sup>2</sup> Inadequately treated water may contain disease-causing organisms. These organisms include bacteria, viruses, and parasites that can cause symptoms such as nausea, cramps, diarrhea, and associated headaches.

## Source Water—Vulnerability Assessment

We participated in the fourth stage of the U.S. EPA's Unregulated Contaminant Monitoring Rule (UCMR4) program by performing additional tests on our drinking water. UCMR4 sampling benefits the environment and public health by providing the U.S. EPA with data on the occurrence of contaminants suspected to be in drinking water in order to determine if U.S. EPA needs to introduce new regulatory standards to improve drinking water quality. Unregulated contaminant monitoring data are available to the public, so please feel free to contact us if you are interested in obtaining that information. If you would like more information on the U.S. EPA's Unregulated Contaminant Monitoring Rule, please call the Safe Drinking Water Hotline at (800) 426-4791.

Vulnerability assessments are required for all new sources under the California Waterworks Standards (Chapter 16 of Title 22, CA Code of Regulations). There have been no contaminants detected in the water supply to date; however, the source is still considered vulnerable to potentially contaminating activities due to proximity.

GROUND WATER WELL #	POSSIBLE CONTAMINATING ACTIVITIES (PCA) DUE TO PROXIMITY	ASSOCIATED CONTAMINANTS DETECTED?	PHYSICAL BARRIER EFFECTIVENESS
18	Automobile-gas station, dry cleaners	No	High
2	Automobile-gas stations, historic gas stations, known contaminant plumes, unauthorized dumping, and photo processing/printing waste	No	High
4A	Automobile-gas stations, unauthorized dumping, and agricultural drainage	No	High
5A	A source assessment is not available	NA	NA
6	Known contaminant plumes, dry cleaners, and unauthorized dumping	No	High
7	Known contaminant plumes, dry cleaners, unauthorized dumping	No	High

## Sources of Supply

The Town of Discovery Bay CSD obtains its water from six groundwater wells in the community. The groundwater flows through two water treatment facilities that remove iron and manganese. The average depth of our wells is approximately 400 feet.

## Definitions

**90th %ile:** The levels reported for lead and copper represent the 90th percentile of sites tested. The 90th percentile is equal to or greater than 90% of our lead and copper detections.

**AL:** Regulatory Action Level. The concentration of a contaminant which, when exceeded, triggers treatment or other requirements that a water system must follow.

**DLR:** Detection Limit for purposes of Reporting. Detections above this level must be reported.

**LRAA (Locational Running Annual Average):** The average of sample analytical results for samples taken at a particular monitoring location during the previous four calendar quarters. Amount Detected as the highest LRAAs.

**MCL:** Maximum Contaminant Level. The highest level of contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically and technologically feasible.

**SMCL:** Secondary Maximum Contaminant Level. MCLGs for MCLGs (or MCLGs) as is economically and technologically feasible. Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.

**MCLG:** Maximum Contaminant Level of drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. EPA.

**MFL:** million fibers per liter

**MRDL:** Maximum Residual Disinfectant Level. The highest level of a disinfectant allowed in drinking water. There is convincing evidence that the addition of a disinfectant is necessary for control of microbial contaminants.

**MRDLG:** Maximum Residual Disinfectant Level Goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants

**NA:** Not applicable.

**ND:** Not detected. Constituent was not detected at the reporting level.

**NS:** No standard. Officials have not developed a Public Health Goal or MCLG standard.

**NTU:** Nephelometric Turbidity Units. A measure of the clarity of water. Turbidity of 5 NTU is just noticeable to the average person

**PC/L:** picocuries per liter

**PWS:** Primary Drinking Water Standard. MCLs and MRDLs for contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.

**PHG:** Public Health Goal. The level of contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California EPA.

**ppb:** parts per billion (or micrograms per liter). One ppb is equal to 1 teaspoon in 1.3 million gallons.

**ppm:** parts per million (or milligrams per liter. One ppm is equal to 1 teaspoon in 1,500 gallons.

**ppb:** parts per billion (or nanograms per liter)

**SMCL:** Secondary Maximum Contaminant Levels are set to protect the odor, taste and appearance of drinking water.

**TON:** (Threshold Odor Number): A measure of odor in water.

**umho/cm (microhms per centimeter):** A unit expressing the amount of electrical conductivity of a solution.