

State Water Resources Control Board – Division of Drinking Water Attn: Mr. Sean Sterchi, P.E., District Engineer District 14 - San Diego 1350 Front Street, Room 2050 San Diego, CA 92101

April 24, 2023

Re: Consumer Confidence Report CY2022 (CCR2021) – Delivery Certification Form.

Dear Mr. Sterchi,

Enclosed please find copy of the completed Delivery Certification Form for the Water Quality Report (CCR2021).

During two bimonthly water billing cycles of May and June 2022, we added a message to the Utility Service bill to inform the City's potable water customers that the electronic version of the CCR2021, is available online via City's website by July 1, 2022, at http://www.delmar.ca.us/ccr2021.

The CCR2021, was also uploaded to the eAR portal on 05/27/2022, the URL is: <u>https://ear.waterboards.ca.gov/PwsUser/DetailsCCR?PwsID=CA3710004&Year=2021</u> &curYear=2022. Fifteen total hard copies of the CCR 2021 were sent out as requests from customers were received.

If you have any questions, please give me a call at (858) 755-3294.

Sincerely,

- Prido

Joe Bride, Public Works Director

Encl.: CCR2021 Delivery Certification Form

T:\PubWork\MUFFS\900-PUBLIC WORKS\907-WATER SYSTEM\907-1 Water Services, General\CCR\CCR2022 (Act CY2021)\CCR2021\certification for CY2021\CY2021 CCR Certification Form COVER LETTER to SWRCB-DDW.docx

APPENDIX B: eCCR Certification Form (Suggested Format)

Consumer Confidence Report Certification Form

(To be submitted with a copy of the CCR)

| Water System Name: | City of Del Mar |
|----------------------|-----------------|
| Water System Number: | 37-10004-001 |

The water system named above hereby certifies that its Consumer Confidence Report was distributed on <u>before 06/30/2022</u> (*date*) to customers (and appropriate notices of availability have been given). Further, the system certifies that the information contained in the report is correct and consistent with the compliance monitoring data previously submitted to the State Water Resources Control Board, Division of Drinking Water (DDW).

Certified by:

| Name: Joe Bride | Title: Public Works Director | | | | |
|----------------------------|------------------------------|--|--|--|--|
| Signature: J Briela | Date: April 24, 2023 | | | | |
| Phone number: 858-755-3294 | | | | | |

To summarize report delivery used and good-faith efforts taken, please complete this page by checking all items that apply and fill-in where appropriate:

- CCR was distributed by mail or other direct delivery methods (attach description of other direct delivery methods used).
- CCR was distributed using electronic delivery methods described in the Guidance for Electronic Delivery of the Consumer Confidence Report (water systems utilizing electronic delivery methods must complete the second page).
- Good faith" efforts were used to reach non-bill paying consumers. Those efforts included the following methods:
 - Posting the CCR at the following URL: www. delmar.ca.us/ccr2021
 - Mailing the CCR to postal patrons within the service area (attach zip codes used) 92014, as requested
 - Advertising the availability of the CCR in news media (attach copy of press release)
 - Publication of the CCR in a local newspaper of general circulation (attach a copy of the published notice, including name of newspaper and date published)
 - Posted the CCR in public places (attach a list of locations): City Hall, Finance Department

| | Delivery of multiple copies of CCR to single-billed addresses serving several |
|-----------|---|
| | persons, such as apartments, businesses, and schools |
| | Delivery to community organizations (attach a list of organizations) |
| | Publication of the CCR in the electronic city newsletter or electronic community |
| | newsletter or listserv (attach a copy of the article or notice) |
| | Electronic announcement of CCR availability via social media outlets (attach |
| | list of social media outlets utilized) |
| \square | Other (attach a list of other methods used) Upon request, mailed printed copy |
| | CCR2021, to 15Residents/water consumers, announced via Water Utility bill sent to |
| | all Customers. |
| For s | systems serving at least 100,000 persons: Posted CCR on a publicly-accessible |
| inter | net site at the following URL: www |
| For | privately-owned utilities: Delivered the CCR to the California Public Utilities |
| Con | nmission |

Consumer Confidence Report Electronic Delivery Certification

Water systems utilizing electronic distribution methods for CCR delivery must complete this page by checking all items that apply and fill-in where appropriate.

- Water system mailed a notification that the CCR is available and provides a direct URL to the CCR on a publicly available website where it can be viewed (attach a copy of the mailed CCR notification). URL: www. delmar.ca.us/ccr2021
- Water system emailed a notification that the CCR is available and provides a direct URL to the CCR on a publicly available site on the Internet where it can be viewed (attach a copy of the emailed CCR notification). URL: www._____
- Water system emailed the CCR as an electronic file email attachment.
- Water system emailed the CCR text and tables inserted or embedded into the body of an email, not as an attachment (attach a copy of the emailed CCR).
- Requires prior DDW review and approval. Water system utilized other electronic delivery method that meets the direct delivery requirement.

Provide a brief description of the water system's electronic delivery procedures and include how the water system ensures delivery to customers unable to receive electronic delivery.

During the months of May and June 2022, in their bimonthly water bill, the City of Del Mar Potable Water Distribution System, included a notice and a bill stuffer to every resident/customer that the

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CCR2021, is online starting July 1, 2022, from City's website at URL: www.delmar.ca.us/ccr2021. Consumers were informed that by marking the check box and returning the notice with their payment, (see copy of water bill in attachment C), or by calling Public Works at (858) 755-3294, a copy of the CCR2021, will be mailed to their residency address. A Total of fifteen (15) hard copies of the CCR have been mailed to Residents/Customers of the City of Del Mar Water Distribution System.

This form is provided as a convenience and may be used to meet the certification requirement of section 64483(c) of the California Code of Regulations.

This report is a snapshot of the quality of the water the City of San Diego provided to the City of Del Mar during calendar year 2021. Included are details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies.

Where does my water come from?

The City of Del Mar purchases untreated water from the San Diego County Water Authority (sdcwa.org), which purchases water from multiple sources⁽¹⁾, including the Metropolitan Water District of Southern California (mwdh2o.com). The City of San Diego treats the water for the City of Del Mar at the Miramar Water Treatment Plant. The treated water is pumped to and stored in the City's four potable water reservoirs.

Source Water

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. Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- 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.
- Pesticides and herbicides that may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.
- 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 septic systems.
- Radioactive contaminants that can be naturally-occurring or be the result of oil and gas production and mining activities.

To ensure that tap water is safe to drink, the U.S. Environmental Protection Agency (EPA.gov) and the State Water Resources Control Board – <u>Division of Drinking</u> <u>Water</u> (SWRCB-<u>DDW</u>) at waterboards.ca.gov, specify regulations that limit the amount of certain contaminants in water provided by Public Water Systems. State Board regulations also establish limits for contaminants in bottled water that provide the same protection for public health.

In 2021, as in past years, your tap water not only met, but parameters were less than all U.S. Environment Protection Agency and State of California regulatory limits for drinking water health standards.

Lead and Copper

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.

Important Health Information

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised persons, such as persons with cancer undergoing chemotherapy, persons who 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. EPA/Centers for Disease Control guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline at (1-800-426-4791). During calendar year 2021, the water supply to each of the City's purveyor water treatment plants was monitored for Cryptosporidium and Giardia, and neither was detected.

Lead and Copper (cont'd)

The City of Del Mar is responsible for providing high quality drinking water but 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. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at https://www.epa.gov/lead or from the Safe Drinking Water Hotline at (1-800-426-4791).

Lead and copper enter drinking water primarily through plumbing materials. Exposure to lead and copper may cause health problems ranging from stomach distress to brain damage. In 1991, the EPA published the Lead and Copper Rule to control lead and copper in drinking water. The rule requires the City to monitor drinking water at customer taps. If lead concentrations exceed an Action Level (AL) of 15 ppb, or copper concentrations exceed an AL of 1.3 ppm in more than 10 percent of taps sampled, i.e. the 90th percentile, the City would be required to undertake a number of additional actions to inform the public and control corrosion.

In 2021, 20 customers (plus 'the Winston School') provided a total of 22 samples from their taps to the City of Del Mar for Lead and Copper analysis. The results of these tests are presented here, and in the tables, hereunder. Two (2) of the 20 sites had a result above the AL for Copper. Because less than 10 percent of our results were above the AL for Lead and Copper, no additional actions are required.

Infants and young children are typically more vulnerable to lead in drinking water than the general population. It is possible that lead levels at your home may be higher than at other homes in the community as a result of materials used in your home's plumbing. If you are concerned about elevated lead levels in your home's water, you may wish to have your water tested and/or flush your tap for 30 seconds to 2 minutes before using tap water. Additional information is available from the U.S. EPA Safe Drinking Water Hotline (1-800-426-4791).

Lead and Copper Rule monitoring must be conducted every three years - our next study will be conducted in June 2024.

Este informe contiene información muy importante sobre la calidad de su agua de beber. Favor de comunicarse City of Del Mar – Public Works, a (858) 755-3294, para asistirlo en español.

This report is also available online at City's website at: http://www.delmar.ca.us/ccr2021

City of Del Mar - 2021 Annual Drinking Water Quality Report

ENVIRONMENTAL MONITORING AND TECHNICAL SERVICES - CONSUMER CONFIDENCE REPORT DATA - 2021

Drinking water, including bottled water, may reasonably be expected to contain at least 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 USEPA United States Environmental Protection Agency's Safe Drinking Water Hotline at 800-426-4791. For a list of action levels, visit the website of the SWRCB-DDW State Water Resources Control Board Division of Drinking Water at: http://www.waterboards.ca.gov

How to Read the Tables

The tables below list contaminants which 1) SWRCB-DDW requires the City to monitor, and 2) SWRCB regulates with associated primary [health] or secondary [aesthetic], or no established standards. During 2021, these contaminants were detected at or above the SWRCB's Detection Limits for Purposes of Reporting during the reporting year.

These tables summarize monitoring from 2021, with exceptions (see table footnotes). SWRCB mandates monitoring radioactive contaminants every three years. The lead and copper testing was conducted in June 2021, and is monitored every three years. The levels of these contaminants are not expected to vary significantly from year to year.

Definition of Terms

Action Level (AL): The concentration of a contaminant that, if exceeded, triggers treatment or other requirements that a water system must follow.

Location-based Running Annual Average (LRAA): The average of the most recent four quarters of monitoring performed at a distinct location in the distribution system. LRAAs are calculated quarterly using twelve months of data and may include values obtained in previous CY 2020.

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

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected health risk. MCLGs are set by the U.S. EPA.

Maximum Residual Disinfectant Level (MRDL): The level of a disinfectant added for water treatment that may not be exceeded at the consumer's tap.

Maximum Residual Disinfectant Level Goal (MRDLG): The level of a disinfectant added for water treatment below which there is no known or expected health risk. MRDLGs are set by the U.S. EPA.

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

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

Abbreviations

A: Absent

CA SMCL: California Secondary Maximum Contaminant Level SWRCB-DDW: California State Water Resources Control Board - Division of Drinking Water CSD MDL: City of San Diego Water Quality Laboratory Method Detection Limit: Lowest quantifable concentration of a measured analyte detectable by the laboratory. CU: Color Units **DLR**: Detection Limit for Reporting gr/Gal: Grains per Gallon **ml**: Milliliter MWD: Metropolitan Water District of Southern California N/A: Not Applicable ND: Not Detected (less than DLR, where applicable) **NTU:** Nephelometric Turbidity Units OU: Odor Units pCi/L: Picocuries per Liter (a measure of radiation) **ppb**: Parts per billion or micrograms per liter $(\mu g/L) - [1 \text{ ppb} =$ [mqq 100.0 **ppm**: Parts per million or milligrams per liter (mg/L) – [1 ppm = 1,000 ppb] **TT** (Treatment Technique): a required process intended to reduce the level of a contaminant in drinking water **µS/CM**: Micro-siemens/cm

| TABLE 1 – DETECTED REGULATED CCR CONTAMINANTS WITH PRIMARY MCLs PRIMARY STANDARDS (MANDATORY HEALTH RELATED STANDARDS) | | | | | | | | | | | |
|--|---|---------------|------------|-----------|--------------------|------------------|---|--|--|--|--|
| CHEMICAL PARAMETERS DDW CITY OF SAN DIEGO - MIRAMAR TREATMENT PLANT | | | | | | | | | | | |
| | UNITS MCL PHG DLR AVERAGE RANGE MAJOR SOURCES IN DRINKING WATER | | | | | | | | | | |
| Fluoride (naturally occurring) | ppm | 2.0 | 1 | 0.1 | 0.3 | 0.2 - 0.4 | Erosion of natural deposits | | | | |
| Fluoride (treatment-related)* | ppm | 2.0 | 1 | 0.1 | 0.6 | 0.4 - 0.6 | Water additive that promotes strong teeth | | | | |
| Barium ppm 1.0 2 0.1 0.1 ND - 0.1 Erosion of natural deposits; discharges of oil drilling wastes | | | | | | | | | | | |
| *Note: Optimal Fluoride Level as esta | blished by U | S Dept. of He | alth and H | uman Serv | vices and Californ | ia Waterboards [| Division of Drinking Water is 0.7 ppm. | | | | |

Note. Optimal hubidue level as established by 05 Dept. Of health and human services and camornia waterboards bivision of Drinking water is t

| Primary Standards (Mandatory Health Related Standards) - RADIOACTIVE CONTAMINANTS | | | | | | | | | | | |
|---|-------|-----|--------|--|---|---------------|--|--|--|--|--|
| RADIOACTIVE PARAMETERS | | | PHG | G DDW CITY OF SAN DIEGO - MIRAMAR TREATMENT PLANT [^] | | | | | | | |
| | UNITS | MCL | (MCLG) | DLR | AVERAGE RANGE MAJOR SOURCES IN DRINKING WATER | | | | | | |
| Gross Alpha Particle Activity | pCi/L | 15 | (0) | 3 | 3 | Single Sample | Erosion of natural deposits | | | | |
| Gross Beta Particle Activity | pCi/L | 50* | (0) | 4 | 5 | Single Sample | Decay of natural and man-made deposits | | | | |
| Uranium | pCi/L | 20 | 0.43 | 1 | 1 | Single Sample | Erosion of natural deposits | | | | |

*The State Water Resources Control Board considers 50 pCi/L to be the level of concern for beta particles.

^Miramar Treatment Plant - Alpha and Beta data from 2020, Uranium data from 2017

| | CITY OF DEL MAR - DISTRIBUTION SYSTEM AVERAGE | | | | | | | | | | | |
|-----------------------------------|---|--|---------------|--------|--------------------------------------|--|--|--|--|--|--|--|
| MICROBIOLOGICAL | | Systems that collect <40 samples/month No more than 1 positive monthly sample | No. of Months | PHG | | | | | | | | |
| Contaminant | UNITS | Amount Detected | in Violation | (MCLG) | MAJOR SOURCES IN DRINKING WATER | | | | | | | |
| Total Caliform Pactoria | /100ml | Highest number of positives in any month | 0 | 0 | Not wells present in the environment | | | | | | | |
| Total Coliform Bacteria /100ml | | 0 | 0 | U | Naturally present in the environment | | | | | | | |
| Fecal Coliform and <i>E. coli</i> | /100ml | Total number of positives in the year | 0 | 0 | Unimer and animal feed meth | | | | | | | |
| | /10000 | 0 | 0 | 0 | Human and animal fecal waste | | | | | | | |

City of Del Mar performed 6 water quality tests per month. All 72 representative samples tested negative for presence of Coliform bacteria. This means that NO bacteriological contamination was found in the potable water samples of the City of Del Mar, during Calendar Year 2021. It was/is therefor safe for consumption.

| | LEAD AND COPPER RULE | | | | | | | | | | | |
|---|--|-------|-----|------|-------|---|--|--|--|--|--|--|
| CITY OF DEL MAR - SAMPLES TAKEN AT THE TAP OF 20 DIFFERENT SAMPLE SITES + 2 extra independent sample at 'The Winston School' (all in JUNE 2021) | | | | | | | | | | | | |
| LEAD AND COPPER STUDY | LEAD AND COPPER STUDY ACTION DDW 90th PERCENTILE | | | | | | | | | | | |
| | UNITS LEVEL PHG DLR CONCENTRATION Exceeding AL MAJOR SOURCES IN DRINKING WATER | | | | | | | | | | | |
| Copper | ppm | 1.300 | 0.3 | 0.05 | 0.569 | 2 | Internal corrosion of household plumbing systems | | | | | |
| Lead | ppb | 15 | 0.2 | 5 | 3.97 | 0 | Internal corrosion of household plumbing systems | | | | | |

Note: Monitoring mandated every three years. City of Del Mar most recent monitoring conducted in June 2021, from 20 water service connections (home addresses).

Two (2) extra Lead and Copper test performed at the only school ('The Winston School') at 215 9th Street in the City of Del Mar. Results were also below Action Level (A.L.)

| TABL | TABLE 2 DETECTED REGULATED CCR PARAMETERS WITH SECONDARY MCLs (AESTHETICS STANDARDS) | | | | | | | | | | | | |
|--------------------------------------|--|--------|---------|--|---------|-------------|---|--|--|--|--|--|--|
| | CA | | CSD | MIRAMAR TREATMENT PLANT EFFLUENT CONCENTRATION | | | | | | | | | |
| | UNITS | SMC | L | MDL (DLR) | AVERAGE | RANGE | MAJOR SOURCES IN DRINKING WATER | | | | | | |
| Chloride | ppm | 500 |) | 0.5 | 97.4 | 92.2 - 107 | Runoff/leaching from natural deposits; seawater influence | | | | | | |
| Color | CU | 15 | | 1 | ND | ND - 2 | Naturally occurring organic materials | | | | | | |
| Specific Conductance | μS/cm | 160 | 0 | N/A | 890 | 797 - 1040 | Substances that form ions when in water; seawater influence | | | | | | |
| Sulfate | ppm | 500 |) | (0.5) | 195 | 158 - 222 | Runoff/leaching from natural deposits; industrial wastes | | | | | | |
| Total Dissolved Solids | ppm | 100 | 0 | 10 | 569 | 501 - 595 | Runoff/leaching from natural deposits | | | | | | |
| Distribution System Results (Seconda | ry MCL) | SMCL | (MCLG) | CSD | | CITY OF DEI | L MAR - DISTRIBUTION SYSTEM AVERAGE | | | | | | |
| | UNITS | [MRDL] | [MRDLG] | MDL/(DLR) | AVERAGE | RANGE** | MAJOR SOURCES IN DRINKING WATER | | | | | | |
| Color, Visual | Color Units | 15 | | 1 | <1 | ND - 4 | Naturally occuring organic materials. | | | | | | |
| Odor | OU (Ton) | 3 | | (1) | ND | ND - ND | Naturally occuring organic materials. | | | | | | |
| Turbidity | NTU | 5 | | 0.1 | 0.03 | ND - 0.15 | Soil runoff | | | | | | |

This report is also available online at City's website at: http://www.delmar.ca.us/ccr2021

Este informe contiene información muy importante sobre la calidad de su agua de beber. Favor de comunicarse City of Del Mar – Public Works, a (858) 755-3294, para asistirlo en español.

City of Del Mar - 2021 Annual Drinking Water Quality Report

ENVIRONMENTAL MONITORING AND TECHNICAL SERVICES - CONSUMER CONFIDENCE REPORT DATA - 2021

| | TABLE 3 DETECTED UNREGULATED CCR PARAMETERS REQUIRING MONITORING | | | | | | | | | | |
|---|--|-------|-----------|---|---------------|-------------|--|--|--|--|--|
| NOTIFICATION DDW MIRAMAR TREATMENT PLANT EFFLUENT CONCENTRATION | | | | | | | | | | | |
| | UNITS | LEVEL | DLR (PHG) | AVERAGE RANGE MAJOR SOURCES IN DRINKING WATER | | | | | | | |
| Boron | ppm | 1 | 0.1 | 0.1 | 0.1 - 0.1 | | | | | | |
| Chromium, hexavalent (CrVI) | ppb | - | (0.02)* | 0.11 | Single Sample | - | | | | | |

* The DLR of 1 ppb and the MCL of 10 ppb for Chromium VI were repealed in 2017. The value listed here is the PHG for Chromium VI.

| TABLE 4 – DET | TABLE 4 – DETECTED DISINFECTION BY-PRODUCTS, DISINFECTANT RESIDUAL AND DISINFECTION BY-PRODUCT PRECURSORS | | | | | | | | | | | |
|----------------------------|---|--------|-------|------|--|-----------|---|--|--|--|--|--|
| Treatment Plant Effluent | | MCL | | DDW | DDW MIRAMAR TREATMENT PLANT EFFLUENT CONCENTRATION | | | | | | | |
| | UNITS | [MRDL] | PHG | DLR | AVERAGE RANGE MAJOR SOURCES IN DRINKING WATER | | | | | | | |
| Chlorate | ppb | NL=800 |) PPB | 20 | N/A | N/A | By-product of drinking water disinfection | | | | | |
| Chlorite | ppm | 1 | 0.05 | 0.02 | N/A | N/A | By-product of drinking water disinfection | | | | | |
| Total Organic Carbon [TOC] | ppm | TT | N/A | 0.3 | 2.4 | 2.1 - 2.8 | Various natural and manmade sources | | | | | |

TOC is a precursor for the formation of disinfection byproducts

| Distribution System Results | | MCL | PHG | CSD | CITY OF DEL MAR - DISTRIBUTION SYSTEM AVERAGE | | | |
|-------------------------------|-------|--------|---------|-----|---|-------------|---|--|
| | UNITS | [MRDL] | [MRDLG] | DLR | AVERAGE | RANGE** | MAJOR SOURCES IN DRINKING WATER | |
| Disinfectant Residual | ppm | [4.0]^ | [4] | 0.1 | 2.08 | 0.17 – 3.11 | Drinking water disinfectant added for treatment | |
| [Chloramines as Cl2] | | | | | | | | |
| HaloAcetic Acids [HAA5] | ppb | 60* | N/A | | Max LRAA = 14 | 2.6 – 15.0 | By-product of drinking water disinfection | |
| Total TriHaloMethanes [TTHMs] | ppb | 80* | N/A | | Max LRAA = 33 | 16.3 – 34.7 | By-product of drinking water chlorination | |

NOTES: * Total Trihalomethane and HAA5 compliance is based on guarterly Locational Running Annual Average (LRAA) ** Ranges and average are based upon individual 2019-Q4 and 2020 sample results.

^Compliance is determined by Distribution System Running Annual Average.

| | TABLE 5 – ADDITIONAL CONSTITUENTS - SODIUM, TOTAL HARDNESS, AND TURBIDITY | | | | | | | | | | | |
|-----------------------------|---|--------------------------------|--------|-----|------------------|--|--------------------------------------|--|--|--|--|--|
| | | | PHG | CSD | | MIRAMAR TREATMENT PLANT EFFLUENT CONCENTRATION | | | | | | |
| | UNITS | MCL | (MCLG) | MDL | AVERAGE | RANGE | MAJOR SOURCES IN DRINKING WATER | | | | | |
| Sodium | ppm | N/A | N/A | 20 | 90.3 | 83.3 - 97.6 | Naturally present in the environment | | | | | |
| Total Hardness | ppm | N/A | N/A | 10 | 258 | 229 - 273 | Naturally present in the environment | | | | | |
| Total Hardness | gr/Gal | N/A | N/A | 0.6 | 15.1 | 13.4 - 15.9 | Naturally present in the environment | | | | | |
| Alkalinity - Total as CaCO3 | ppm | N/A | N/A | 20 | 127 | 115 - 144 | | | | | | |
| рН | рН | N/A | N/A | N/A | 8.18 | 7.54 - 8.56 | | | | | | |
| Turbidity | NTU | TT= 1 NTU | N/A | | Max. Level found | d = 0.09 NTU | Soil runoff | | | | | |
| Turbidity | NTU | TT=95% of samples ≤ 0.3 NTU | N/A | | 100% of samples | s ≤ 0.3 NTU | Soil runoff | | | | | |

| TABLE 6 – DETECTED UNREGULATED PARAMETERS REQUIRING MONITORING | | | | | | | |
|--|-------|--|--------------|--|--|-------------|---------------------------------|
| | | | UCMR4 MRL | | | | |
| | | | | | MIRAMAR TREATMENT PLANT EFFLUENT CONCENTRATION | | |
| UCMR4 PARAMETERS ¹ | UNITS | | (MDL) | | AVERAGE | RANGE | MAJOR SOURCES IN DRINKING WATER |
| Bromide* | ppm | | (0.02) | | 0.06 | 0.04 - 0.11 | |
| Manganese | ppb | | 0.4 | | 0.9 | 0.6 - 1.2 | Leaching from natural deposits |
| Total Organic Carbon [TOC]* | ppm | | (1) | | 2.7 | 2.6 - 2.9 | |

¹Note: UCMR4 (Fourth Unregulated Contaminant Monitoring Rule) Public water systems (PWS) City of San Diego samples were collected in 2018.

* As measured in untreated plant influent

SOURCE WATER ASSESSMENT:

⁽¹⁾ 2020 Watershed Sanitary Survey containing information about the City of San Diego's source water was completed March 1, 2021, and is available at:

https://www.sandiego.gov/public-utilities/water-quality/watersheds/sanitary-survey (as: https://www.sandiego.gov/sites/default/files/2020_wss_final.pdf)

The source water is vulnerable to potential sources of contamination, such as stormwater runoff, Sanitary Sewer Overflows (SSOs), (leaking) underground storage tanks, More specific information can be found in the City of San Diego 2020 Watershed Sanitary Survey, in: https://www.sandiego.gov/sites/default/files/2020 wss final.pdf Chapter 4 - Potential Contaminant Sources within the Local Source Water System (pages 67-93)

Additional tables and information about the water quality can also viewed via https://www.sandiego.gov/public-utilities/water-quality/water-quality-reports

The public is invited to discuss water quality related items during the regularly scheduled City Council Meetings, held the first and third Mondays of the month from 4:30 PM at Civic Center, 1050 Camino del Mar, in Del Mar. Council meetings are occasionally held on the second Mondays and/or special meetings called. Pursuant to the State of California Executive Order N-25-20, and in the interest of public health, the City of Del Mar is temporarily taking actions to mitigate the COVID-19 pandemic by holding City Council Meetings electronically or by teleconference. The Town Hall will not be open to the public for this meeting. Viewing the Meeting and Access to Agenda Materials: Members of the public can watch the meeting live on the City's website at: http://delmar.12milesout.com/Video/Live and on Cable TV Spectrum Ch. 24, AT&T Ch. 99 starting at 4:30 PM. Agenda materials and communications from the public on agenda items, "Red Dots", are available on City's website and the agenda materials are available at the Del Mar Library during their limited hours of operation. http://www.delmar.ca.us/AgendaCenter



City of Del Mar - Public Works Department 2240 Jimmy Durante Boulevard, Del Mar, CA 92014 T: (858) 755-3294 | F: (858) 481-0254 | E: PublicWorks@delmar.ca.us



This report is also available online at City's website at: http://www.delmar.ca.us/ccr2021

Este informe contiene información muy importante sobre la calidad de su agua de beber. Favor de comunicarse City of Del Mar – Public Works, a (858) 755-3294, para asistirlo en español.