



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

July 16, 2020

Re: Consumer Confidence Report CY2019 (CCR2019) – Delivery Certification Form.

Dear Mr. Sterchi,

Enclosed please find copy of the completed Delivery Certification Form for the Water Quality Report (CCR2019), and four attachments.

During two bimonthly water billing cycles of May and June 2020, we added a message to the Utility Service bill, as shown in Attachment C, to inform the City's potable water customers that the electronic version of the CCR2019, is available online via City's website by July 1, 2020.

The CCR2019, was uploaded to the DRINC portal on 6/3/2020, the URL is: <http://drinc.ca.gov/EAR/CCR/CCR2019CA3710004.pdf>. Sixteen (16) residents who responded to the message in their water bill, received a hard copy of the CCR2019. The list with names and addresses of the residents can be found in Attachment D, for your information, please.

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

Sincerely,

A handwritten signature in blue ink that reads "Joe Bride".

Joe Bride  
Public Works Director

Cc: CJ Johnson, City Manager

Encl.: CCR2019 Delivery Certification Form.

Attachment A: Emails from SWRCB-DDW to Create, Review, and Publish CCR2019.

Attachment B: City of Del Mar CY2019 Consumer Confidence Report.

Attachment C: Copy of model water bill with statement of availability of CCR2019 online, or on request via US-mail, and with example of the bill stuffer.

Attachment D: CCR Distribution list with Residents' names and addresses.

## APPENDIX B: eCCR Certification Form (Suggested Format)

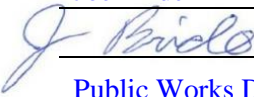
### Consumer Confidence Report Certification Form

(To be submitted with a copy of the CCR)

Water System Name: City of Del Mar

Water System Number: 3710004-001

The water system named above hereby certifies that its Consumer Confidence Report was distributed on before 6/30/2020 (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  
Signature:   
Title: Public Works Director  
Phone Number: (858) 755-3294 Date: July 16, 2020

*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). Via instructions from SWRCB website, at: [http://www.waterboards.ca.gov/drinking\\_water/certlic/drinkingwater/CCR.html](http://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/CCR.html)
- ☒ 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/ccr2019](http://www.delmar.ca.us/ccr2019)
  - ☒ Mailing the CCR to postal patrons within the service area (attach zip codes used): 92014
  - ☐ 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)
  - ☒ Other (attach a list of other methods used) Mailed hard copy of CCR2019, to Residents/water consumers upon their request, this announced via Water Utility Bill to all customers.
- ☐ For systems serving at least 100,000 persons: Posted CCR on a publicly-accessible internet site at the following URL: [www.delmar.ca.us/ccr2019](http://www.delmar.ca.us/ccr2019)
- ☐ For privately-owned utilities: Delivered the CCR to the California Public Utilities Commission

## Consumer Confidence Report Electronic Delivery Certification

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*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/ccr2019](http://www.delmar.ca.us/ccr2019)
- ☐ 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.](http://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 2020, 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](#)

[CCR2019, is online starting July 1, 2020, from City's website at URL: \[www.delmar.ca.us/ccr2019\]\(http://www.delmar.ca.us/ccr2019\).](#)

[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](#)

[CCR2019, will be mailed to their residency address. A Total of sixteen \(16\) hard copies have been](#)

[mailed to Residents of Del Mar, see list of names in Attachment D.](#)

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*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.*

**From:** lyris@swrcb18.waterboards.ca.gov  
**Sent:** Tuesday, February 18, 2020 4:23 PM  
**To:** Victor Sturm  
**Subject:** Electronic Annual Report (EAR) to the Division of Drinking Water

ATTACHMENT A-1



**This is a message from the State Water Resources Control Board.**

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Hello Public Water System Representative:

The time has arrived to complete the electronic annual report (EAR) to the State Water Resources Control Board's (State Board) [Division of Drinking Water](#) (DDW) on the operation of your public water system during the past year (2019).

The 2019 electronic Annual Report to the Drinking Water Program (2019 EAR) is due to be submitted by **April 20, 2020**. Please note that if you have previously registered for access to the [EAR website](#) for the 2019 reporting year, you do not need to register again.

If you have any questions that are not addressed in the [FAQ](#) or [User Guidance Document](#), please contact your local regulatory agency or send an email to [DRINC@waterboards.ca.gov](mailto:DRINC@waterboards.ca.gov).

For contact information for your local regulatory agency, please reference the links identifying [DDW District Offices](#) or [LPA county environmental health agencies](#).

Thank you for your cooperation in completing the Annual Report.

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You are currently listed to drinkingwater\_public\_water\_systems as: [vsturm@delmar.ca.us](mailto:vsturm@delmar.ca.us).

Division of Drinking Water Website: [http://www.waterboards.ca.gov/drinking\\_water/](http://www.waterboards.ca.gov/drinking_water/)

This email is being sent to you because you were identified by your agency as the Administrative Contact or Carbon Copy Contact. If you are not the Administrative Contact or Carbon Copy Contact for your agency, please contact the local Division of Drinking Water (DDW) District Office or your regulating agency.

For a map of the district offices, please go to [http://www.waterboards.ca.gov/drinking\\_water/programs/documents/ddwem/DDWdistrictoffice\\_smap.pdf](http://www.waterboards.ca.gov/drinking_water/programs/documents/ddwem/DDWdistrictoffice_smap.pdf).

**Archived:** Friday, June 26, 2020 4:13:49 PM  
**Subject:** FW: FINAL CCR2019 (updated 20200602)  
**Importance:** Normal

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ATTACHMENT A-2

**From:** DDWSanDiego <DW9-DDWSanDiego@waterboards.ca.gov>  
**Sent:** Wednesday, June 3, 2020 6:53 AM  
**To:** Victor Sturm <VSturm@delmar.ca.us>  
**Subject:** Auto-reply from DDW San Diego District Office

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thank you for your submittal to the SWRCB Division of Drinking Water San Diego District Office.

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**From:** Victor Sturm <VSturm@delmar.ca.us>  
**Sent:** Wednesday, June 3, 2020 6:53 AM  
**To:** Kent, Aaron@Waterboards <Aaron.Kent@Waterboards.ca.gov>; Mizusawa, Taylor@Waterboards <Taylor.Mizusawa@Waterboards.ca.gov>; Sterchi, Sean@Waterboards <Sean.Sterchi@waterboards.ca.gov>; DDWSanDiego <DW9-DDWSanDiego@waterboards.ca.gov>  
**Cc:** \*Public Works Group <PublicWorksGroup@delmar.ca.us>; Adele Crawford <acrawford@delmar.ca.us>; Melinda Gould <mgould@delmar.ca.us>; Emily Bernardo <EBernardo@delmar.ca.us>  
**Subject:** RE: FINAL CCR2019 (updated 20200602)

All,

The CCR2019 (Consumer Confidence Report over Calendar Year 2019) is now available online for review of Residents and interested parties, via City's website at <http://www.delmar.ca.us/ccr2019>, (thank you Emily for creating the short URL), and also via the State Water Resources Control Board's DRINC portal at <https://drinc.ca.gov/ear/CCR/CCR2019CA3710004.pdf>.

Thank you.

Stay Safe and Healthy,

Victor STURM, Project Assistant  
City of Del Mar – Public Works Department  
T: (858) 755-3294 | Direct: (858) 704-3677  
F: (858) 481-0254  
E: [vsturm@delmar.ca.us](mailto:vsturm@delmar.ca.us)

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**From:** Kent, Aaron@Waterboards <[Aaron.Kent@Waterboards.ca.gov](mailto:Aaron.Kent@Waterboards.ca.gov)>  
**Sent:** Tuesday, June 2, 2020 2:05 PM  
**To:** Victor Sturm <[VSturm@delmar.ca.us](mailto:VSturm@delmar.ca.us)>  
**Subject:** RE: FINAL CCR2019 (updated 20200602)

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thanks, Victor.

Aaron

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**From:** Victor Sturm <[VSturm@delmar.ca.us](mailto:VSturm@delmar.ca.us)>  
**Sent:** Tuesday, June 2, 2020 2:02 PM  
**To:** Kent, Aaron@Waterboards <[Aaron.Kent@Waterboards.ca.gov](mailto:Aaron.Kent@Waterboards.ca.gov)>  
**Cc:** \*Public Works Group <[PublicWorksGroup@delmar.ca.us](mailto:PublicWorksGroup@delmar.ca.us)>  
**Subject:** RE: FINAL CCR2019 (updated 20200602)

EXTERNAL:

Thank you, Aaron,

I'll upload the CCR2019 to the DRINC portal and City's website.

Stay Safe and Healthy,

Victor Sturm, Project Assistant  
City of Del Mar – Public Works Department  
Email: [vsturm@delmar.ca.us](mailto:vsturm@delmar.ca.us)  
Telephone: (858) 755-3294  
Direct Line: (858) 704-3677  
TeleFax: (858) 481-0254

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**From:** Kent, Aaron@Waterboards <[Aaron.Kent@Waterboards.ca.gov](mailto:Aaron.Kent@Waterboards.ca.gov)>

**Sent:** Tuesday, June 2, 2020 2:00 PM  
**To:** Victor Sturm <[VSturm@delmar.ca.us](mailto:VSturm@delmar.ca.us)>  
**Subject:** RE: FINAL CCR2019 (updated 20200602)

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Victor,

Thank you for editing the Del Mar CCR. The report looks great and I have no more edits. We will consider this version the final version. Please do not forget to upload the CCR and CCR certification paperwork to the DRINC portal.

Thanks,

Aaron Kent

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**From:** Victor Sturm <[VSturm@delmar.ca.us](mailto:VSturm@delmar.ca.us)>  
**Sent:** Tuesday, June 2, 2020 11:42 AM  
**To:** Kent, Aaron@Waterboards <[Aaron.Kent@Waterboards.ca.gov](mailto:Aaron.Kent@Waterboards.ca.gov)>; Peter Kiefer <[pkiefer@delmar.ca.us](mailto:pkiefer@delmar.ca.us)>; Joe Bride <[jbride@delmar.ca.us](mailto:jbride@delmar.ca.us)>; Mohsen Maali <[mmaali@delmar.ca.us](mailto:mmaali@delmar.ca.us)>  
**Cc:** Sterchi, Sean@Waterboards <[Sean.Sterchi@waterboards.ca.gov](mailto:Sean.Sterchi@waterboards.ca.gov)>  
**Subject:** FINAL CCR2019 (updated 20200602)

**EXTERNAL:**

Hi Aaron,

For your review, enclosed please find the FINAL CCR2019 (updated 20200602).pdf, with the corrections you proposed, thank you.

Stay Safe and Healthy,

Victor Sturm, Project Assistant  
City of Del Mar – Public Works Department  
Email: [vsturm@delmar.ca.us](mailto:vsturm@delmar.ca.us)  
Telephone: (858) 755-3294  
Direct Line: (858) 704-3677  
TeleFax: (858) 481-0254

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**From:** Kent, Aaron@Waterboards <[Aaron.Kent@Waterboards.ca.gov](mailto:Aaron.Kent@Waterboards.ca.gov)>  
**Sent:** Tuesday, June 2, 2020 10:10 AM  
**To:** Peter Kiefer <[pkiefer@delmar.ca.us](mailto:pkiefer@delmar.ca.us)>; Joe Bride <[jbride@delmar.ca.us](mailto:jbride@delmar.ca.us)>; Mohsen Maali <[mmaali@delmar.ca.us](mailto:mmaali@delmar.ca.us)>; Victor Sturm <[VSturm@delmar.ca.us](mailto:VSturm@delmar.ca.us)>  
**Cc:** Sterchi, Sean@Waterboards <[Sean.Sterchi@waterboards.ca.gov](mailto:Sean.Sterchi@waterboards.ca.gov)>  
**Subject:** RE: DRAFT CCR2019

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello,

Sorry for the delay, but we have reviewed Del Mar's CCR and found two very minor errors. Overall, the report looks great. My comments were included as notes in the PDF. Rather than edits, they were suggestions as the reports. Please review and make changes. Send back the finalized version for one last review before we approve.

Thanks,

**Aaron Kent, P.E.**  
**Water Resource Control Engineer**  
Division of Drinking Water, San Diego District  
State Water Resource Control Board  
1350 Front St, Room 2050, San Diego, CA 92101  
(619) 525 4023 (phone), (619) 525 4383 (fax)  
[Aaron.Kent@Waterboards.ca.gov](mailto:Aaron.Kent@Waterboards.ca.gov)

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**From:** Sterchi, Sean@Waterboards <[Sean.Sterchi@waterboards.ca.gov](mailto:Sean.Sterchi@waterboards.ca.gov)>  
**Sent:** Tuesday, June 2, 2020 9:20 AM  
**To:** Kent, Aaron@Waterboards <[Aaron.Kent@Waterboards.ca.gov](mailto:Aaron.Kent@Waterboards.ca.gov)>  
**Cc:** Tell, Alan@Waterboards <[Alan.Tell@waterboards.ca.gov](mailto:Alan.Tell@waterboards.ca.gov)>; Mizusawa, Taylor@Waterboards <[Taylor.Mizusawa@Waterboards.ca.gov](mailto:Taylor.Mizusawa@Waterboards.ca.gov)>  
**Subject:** Fwd: DRAFT CCR2019

Aaron

Is this one you can expedite?

Thanks

Begin forwarded message:

**From:** Victor Sturm <[VSturm@delmar.ca.us](mailto:VSturm@delmar.ca.us)>  
**Date:** June 2, 2020 at 09:11:08 PDT

To: "Mizusawa, Taylor@Waterboards" <[Taylor.Mizusawa@Waterboards.ca.gov](mailto:Taylor.Mizusawa@Waterboards.ca.gov)>, "Sterchi, Sean@Waterboards" <[Sean.Sterchi@waterboards.ca.gov](mailto:Sean.Sterchi@waterboards.ca.gov)>, DDWSanDiego <[DW9-DDWSanDiego@waterboards.ca.gov](mailto:DW9-DDWSanDiego@waterboards.ca.gov)>

Cc: Joe Bride <[jbride@delmar.ca.us](mailto:jbride@delmar.ca.us)>, Peter Kiefer <[pkiefer@delmar.ca.us](mailto:pkiefer@delmar.ca.us)>, Mohsen Maali <[mmaali@delmar.ca.us](mailto:mmaali@delmar.ca.us)>

Subject: RE: DRAFT CCR2019

\u-257 ?EXTERNAL:

Hi Taylor,

Have you been able to review the CCR2019 of the City of Del Mar, please.

As you know the water departments have to publish (and/or distribute upon request) the document in attachment by 7/1/2020, thank you.

Stay Safe and Healthy,

Victor Sturm, Project Assistant  
City of Del Mar - Public Works Department  
Email: [vsturm@delmar.ca.us](mailto:vsturm@delmar.ca.us)  
Telephone: (858) 755-3294  
Direct Line: (858) 704-3677  
TeleFax: (858) 481-0254

-----Original Message-----

From: Victor Sturm

Sent: Wednesday, May 20, 2020 1:56 PM

To: [Taylor.Mizusawa@Waterboards.ca.gov](mailto:Taylor.Mizusawa@Waterboards.ca.gov); Sterchi, Sean@Waterboards <[Sean.Sterchi@waterboards.ca.gov](mailto:Sean.Sterchi@waterboards.ca.gov)>; DW9-DDWSanDiego@waterboards.ca.gov

Cc: Joe Bride <[jbride@delmar.ca.us](mailto:jbride@delmar.ca.us)>; Peter Kiefer <[pkiefer@delmar.ca.us](mailto:pkiefer@delmar.ca.us)>

Subject: DRAFT CCR2019

Hi Taylor and Sean,

For your review and approval, enclosed please find the City of Del Mar - Public Works Department's CCR2019.

The above document has been reviewed internally in our PW Department, and OKed.

Please let us know if there's a need for any adjustments, if necessary.

The Water Chemistry tables (page 2 and 3) are based on City of Del Mar WQ test results performed during CY2019, via AIM (Applied Industrial Microbiology) Laboratory and City of San Diego WQ Lab.

Thank you for reviewing the (DRAFT) CCR2019 document in attachment.

Please let us know a need for update of certain details from your perspective or if we are ready to upload this document to City's website, and hardcopy distribution on request from Residents/water customers of the City of Del Mar, thank you.

Stay Safe and Healthy,

Victor Sturm, Project Assistant  
City of Del Mar - Public Works Department  
Email: [vsturm@delmar.ca.us](mailto:vsturm@delmar.ca.us)  
Telephone: (858) 755-3294  
Direct Line: (858) 704-3677  
TeleFax: (858) 481-0254

-----Original Message-----

From: Victor Sturm

Sent: Friday, May 15, 2020 3:30 PM

To: \*Public Works Group <[PublicWorksGroup@delmar.ca.us](mailto:PublicWorksGroup@delmar.ca.us)>

Cc: Adele Crawford <[acrawford@delmar.ca.us](mailto:acrawford@delmar.ca.us)>

Subject: Emailing: DRAFT CCR2019

Hi Joe,

Enclosed please find the DRAFT CCR2019 for your review.

Newsletter (page 1)

Water Chemistry data (page 2 and 3) based on information from our own testing via AIM (Applied Industrial Microbiology) Laboratory and City of San Diego WQ Lab.

Let me know if you have any questions, and if we are ready to share with SWRCB-DDW (Taylor Mizusawa and Sean Sterchi), for their review and acceptance, so we can publish online, and send copies to Residents who requested hard copy in the mail.

Happy weekend!

Stay Safe and Healthy,

Victor Sturm, Project Assistant  
City of Del Mar - Public Works Department  
Email: [vsturm@delmar.ca.us](mailto:vsturm@delmar.ca.us)  
Telephone: (858) 755-3294  
Direct Line: (858) 704-3677

## DOCUMENT CENTER

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Date Uploaded: 6/3/2020 3:59:41 PM

By Victor Sturm

Folder: Home\Departments\Public Works

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CCR2019

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### Document Details

Last Modified:

By Victor Sturm

On June 3, 2020

Created:

By Victor Sturm

On June 2, 2020

# City of Del Mar - 2019 Annual Drinking Water Quality Report

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 2019. 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 ([sdewa.org](http://sdewa.org)), which purchases water from multiple sources<sup>(1)</sup>, including the Metropolitan Water District of Southern California ([mwdh2o.com](http://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.

In order to ensure that tap water is safe to drink, the U.S. Environmental Protection Agency ([EPA.gov](http://EPA.gov)) and the State Water Resources Control Board – Division of Drinking Water (SWRCB-DDW) at [waterboards.ca.gov](http://waterboards.ca.gov), prescribe 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 2019, as in past years, your tap water not only met, but 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. Immuno-compromised 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 2019, 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 2018, 22 customers (plus 'the Winston School') provided 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. Only one (1) of the 22 sites had a result above the AL for Lead. 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 2021.

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/ccr2019>

# City of Del Mar - 2019 Annual Drinking Water Quality Report

## ENVIRONMENTAL MONITORING AND TECHNICAL SERVICES - CONSUMER CONFIDENCE REPORT DATA - 2019

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 U.S. Environmental Protection Agency's (USEPA) Safe Drinking Water Hotline at 800-426-4791. For a list of action levels, visit the website of the State Water Resources Control Board - Division of Drinking Water (SWRCB-DDW): <http://www.waterboards.ca.gov>

### 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 2018.

**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 quantifiable 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 (µg/L) – [1 ppb = 0.001 ppm]

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

< Less than > Greater than

### 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 2019, 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 2019, with exceptions (see table footnotes). SWRCB mandates monitoring radioactive contaminants every three years. The lead and copper testing was conducted in 2018, and is monitored every three years. The levels of these contaminants are not expected to vary significantly from year to year.

TABLE 1 – DETECTED REGULATED CCR CONTAMINANTS WITH PRIMARY MCLs

PRIMARY STANDARDS (MANDATORY HEALTH RELATED STANDARDS)							
CHEMICAL PARAMETERS	UNITS	MCL	PHG	DDW DLR	CITY OF SAN DIEGO - MIRAMAR TREATMENT PLANT		
					AVERAGE	RANGE	MAJOR SOURCES IN DRINKING WATER
Fluoride (naturally occurring)	ppm	2.0	1	0.1	0.2	0.1 - 0.3	Erosion of natural deposits
Fluoride (treatment-related)*	ppm	2.0	1	0.1	0.5	0.2 - 0.7	Water additive that promotes strong teeth

\*Note: Optimal Fluoride Level as established by US Dept. of Health and Human Services and California Waterboards Division of Drinking Water is 0.7 ppm.

Primary Standards (Mandatory Health Related Standards) - RADIOACTIVE CONTAMINANTS

RADIOACTIVE PARAMETERS	UNITS	MCL	PHG (MCLG)	DDW DLR	CITY OF SAN DIEGO - MIRAMAR TREATMENT PLANT*		
					AVERAGE	RANGE	MAJOR SOURCES IN DRINKING WATER
Uranium	pCi/L	20	0.43	1	1.0	N/A	Erosion of natural deposits

\*Miramar Treatment Plant - Radioactive Contaminant 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 Coliform Bacteria	/100ml	Highest number of positives in any month	0	0	Naturally present in the environment
		1			
Fecal Coliform and <i>E. coli</i>	/100ml	Total number of positives in the year	0	0	Human and animal fecal waste
		0			

City of Del Mar performed 6 water quality tests per month (72 routine samples and 3 repeat samples for a total of 75 samples) during CY2019.

One sample was found positive for Coliform. Expanded three sample tests proved negative, thus in compliance with the Total Coliform Rule.

LEAD AND COPPER RULE

CITY OF DEL MAR - SAMPLES TAKEN AT THE TAP OF 22 DIFFERENT SAMPLE SITES + 1 extra independent sample at 'The Winston School' (all in JUNE 2018)

LEAD AND COPPER STUDY	UNITS	ACTION LEVEL	PHG	DDW DLR	90th PERCENTILE CONCENTRATION	Exceeding AL	MAJOR SOURCES IN DRINKING WATER
Copper	ppm	1.300	0.3	0.05	0.614	0	Internal corrosion of household plumbing systems
Lead	ppb	15	0.2	5	2.92	1	Internal corrosion of household plumbing systems

Note: Monitoring mandated every three years. City of Del Mar most recent monitoring conducted in June 2018, from 22 water service connections (home addresses).

One (1) 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.)

TABLE 2 -- DETECTED REGULATED CCR PARAMETERS WITH SECONDARY MCLs (AESTHETICS STANDARDS)

	UNITS	CA SMCL	CSD MDL (DLR)	MIRAMAR TREATMENT PLANT EFFLUENT CONCENTRATION		
				AVERAGE	RANGE	MAJOR SOURCES IN DRINKING WATER
Chloride	ppm	500	0.5	86.7	69.9 - 107	Runoff/leaching from natural deposits; seawater influence
Color	CU	15	1	ND	ND - 2	Naturally occurring organic materials
Specific Conductance	µS/cm	1600	N/A	672	519 - 832	Substances that form ions when in water; seawater influence
Sulfate	ppm	500	(0.5)	115	68.5 - 184	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids	ppm	1000	10	404	300 - 522	Runoff/leaching from natural deposits

Distribution System Results (Secondary MCL)				CITY OF DEL MAR - DISTRIBUTION SYSTEM AVERAGE			
	UNITS	[MRDL]	[MRDLG]	MDL(DLR)	AVERAGE	RANGE**	MAJOR SOURCES IN DRINKING WATER
Color, Visual	Color Units	15	----	1	<1.3	ND - 4	Naturally occurring organic materials.
Odor	OU (Ton)	3	----	(1)	<1	ND - <1	Naturally occurring organic materials.
Turbidity	NTU	5	----	0.1	0.24	ND - 0.85	Soil runoff

This report is also available online at City's website at: <http://www.delmar.ca.us/ccr2019>

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 - 2019 Annual Drinking Water Quality Report

## ENVIRONMENTAL MONITORING AND TECHNICAL SERVICES - CONSUMER CONFIDENCE REPORT DATA - 2019

**TABLE 3 -- DETECTED UNREGULATED CCR PARAMETERS REQUIRING MONITORING**

	UNITS	NOTIFICATION LEVEL	DDW DLR (PHG)	MIRAMAR TREATMENT PLANT EFFLUENT CONCENTRATION		
				AVERAGE	RANGE	MAJOR SOURCES IN DRINKING WATER
Boron	ppm	1	0.1	0.1	0.1 - 0.1	--
Chromium, hexavalent (CrVI)	ppb	-	(0.02)*	0.04	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 -- DETECTED DISINFECTION BY-PRODUCTS, DISINFECTANT RESIDUAL AND DISINFECTION BY-PRODUCT PRECURSORS**

Treatment Plant Effluent	UNITS	MCL [MRDL]	PHG	DDW DLR	MIRAMAR TREATMENT PLANT EFFLUENT CONCENTRATION		
					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 - 3.2	Various natural and manmade sources

TOC is a precursor for the formation of disinfection byproducts

Distribution System Results	UNITS	MCL [MRDL]	PHG [MRDLG]	CSD DLR	CITY OF DEL MAR - DISTRIBUTION SYSTEM AVERAGE		
					AVERAGE	RANGE**	MAJOR SOURCES IN DRINKING WATER
Disinfectant Residual [Chloramines as Cl2]	ppm	[4.0]^	[4]	0.1	1.24	0.26 - 1.98	Drinking water disinfectant added for treatment
HaloAcetic Acids [HAA5]	ppb	60*	N/A	----	Max LRAA = 14	10.6 - 18.4	By-product of drinking water disinfection
Total TriHaloMethanes [TTHMs]	ppb	80*	N/A	----	Max LRAA = 42	18.4 - 54.3	By-product of drinking water chlorination

NOTES: \* Total Trihalomethane and HAA5 compliance is based on quarterly Locational Running Annual Average (LRAA)

\*\* Ranges and average are based upon individual 2018-Q4 and 2019 sample results.

^Compliance is determined by Distribution System Running Annual Average.

**TABLE 5 -- ADDITIONAL CONSTITUENTS - SODIUM, TOTAL HARDNESS, AND TURBIDITY**

	UNITS	MCL	PHG (MCLG)	CSD MDL	MIRAMAR TREATMENT PLANT EFFLUENT CONCENTRATION		
					AVERAGE	RANGE	MAJOR SOURCES IN DRINKING WATER
Sodium	ppm	N/A	N/A	20	71.1	59.0 - 86.2	Naturally present in the environment
Total Hardness	ppm	N/A	N/A	10	174	135 - 244	Naturally present in the environment
Total Hardness	gr/Gal	N/A	N/A	0.6	10.2	7.88 - 14.3	Naturally present in the environment
Alkalinity - Total as CaCO3	ppm	N/A	N/A	20	99.1	82.4 - 124	
pH	pH	N/A	N/A	N/A	8.04	7.28 - 8.38	
Ammonia as Nitrogen	ppm	N/A	N/A	0.03	0.38	0.56 - 1.05	
Turbidity	NTU	TT= 1 NTU	N/A	---	Max. Level found = 0.09 NTU		Soil runoff
Turbidity	NTU	95% of samples ≤ 0.3 NTU	N/A	---	100% of samples ≤ 0.3 NTU		Soil runoff

**TABLE 6 -- DETECTED UNREGULATED PARAMETERS REQUIRING MONITORING**

UCMR4 PARAMETERS <sup>1</sup>	UNITS		UCMR4 MRL		MIRAMAR TREATMENT PLANT EFFLUENT CONCENTRATION		
					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	

<sup>1</sup>Note: 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:

<sup>(1)</sup> A Watershed Sanitary Survey containing information about the City of San Diego's source water was completed in 2015, and is available at:

<https://www.sandiego.gov/public-utilities/water-quality/watersheds/sanitary-survey>

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 2015 Watershed Sanitary Survey, in:

Chapter 4 - Potential Contaminant Sources within the Local Source Water System, or at: <https://www.sandiego.gov/sites/default/files/2015wss-chap4.pdf>

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 at: <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](mailto:PublicWorks@delmar.ca.us)**



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## CITY OF DEL MAR

Finance Department  
1050 Camino Del Mar  
Del Mar, CA 92014-2698  
(858) 755-9354

ATTACHMENT C-1

## UTILITY SERVICE

Account Number  
**02-1676-00**

Service Address  
**221 20TH ST**

Past Due After  
**07/06/2020**

Balance Due  
**348.72**

**BARRY DASTIN  
9240 HAZEN DR.  
BEVERLY HILLS, CA 90210**



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CHECK #

**2512**

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# 2019 Annual Drinking Water Quality Report

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Del Mar Public Works Department

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Del Mar Public Works Department

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