Consumer Confidence Report
Certification Form

(To be submitted with a copy of the CCR)

Water System Name: Marina Coast Water District

Water System Number: 2710017

The water system named above hereby certifies that its Consumer Confidence Report was distributed on May 7, 2020 – June 23, 2020 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: Derek Cray

Signature: Derek Cray

Title: Operations and Maintenance Manager

Phone Number: (831) 883-5903 Date: 06/29/2020

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).

☐ 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: https://www.mcwd.org/docs/ccr/mcwd_ccr_2019.pdf
- ☒ Mailing the CCR to postal patrons within the service area (attach zip codes used)
- ☐ 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)
- ☒ 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) **CSUMB Internal Dashboard**
- ☐ Other (attach a list of other methods used)

☐ *For systems serving at least 100,000 persons*: Posted CCR on a publicly-accessible internet site at the following URL: www._____

☐ *For privately-owned utilities*: Delivered the CCR to the California Public Utilities Commission

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._____
- ☐ 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.

In addition to the methods outlined on the previous page, the District utilized a direct mailer plus email blasts as well as webpage notifications, for students and faculty at CSU Monterey Bay; similar methods of delivery were used for the Monterey Bay military housing (The Parks).

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.

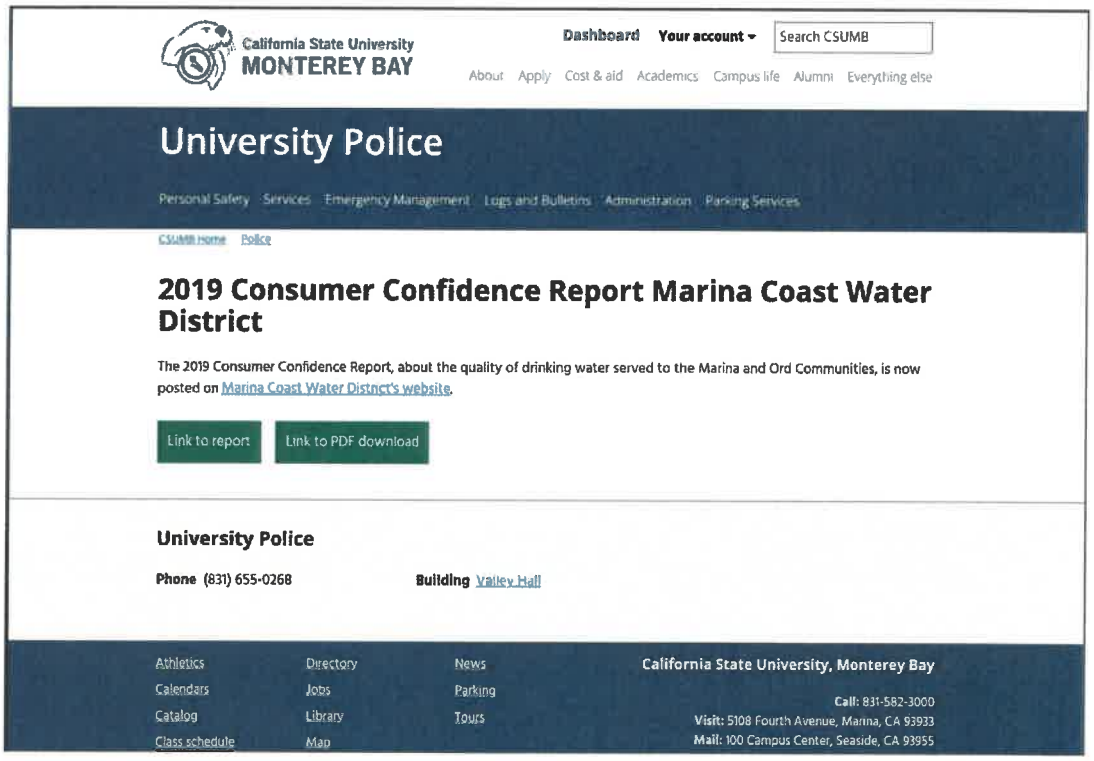
Sarah Babcock

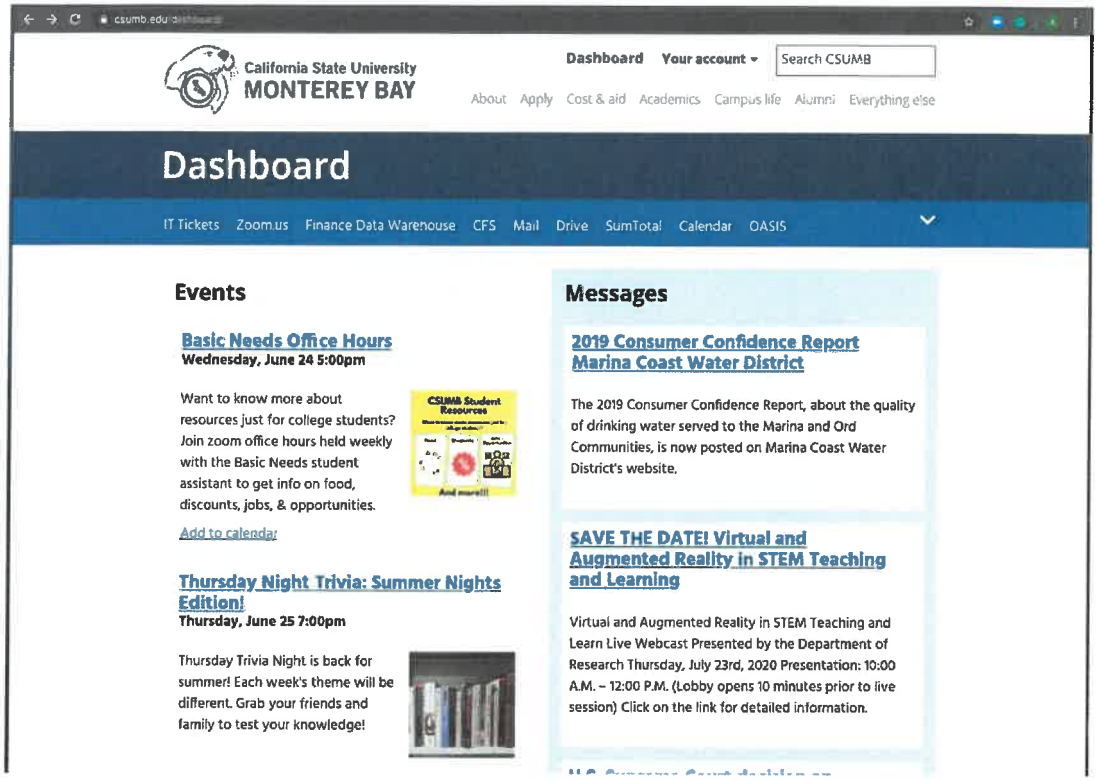
From: Aaron Bryant <aabryant@csumb.edu>
Sent: Wednesday, June 24, 2020 9:45 AM
To: Sarah Babcock; Sydney Clemann
Subject: Re: 2019 Consumer Confidence Report - CSUMB Posting

Hi Sarah,

Attached are screenshots of our webpage and of the internal communications board for all CSUMB affiliates. Anytime a person logs in to CSUMB, they see this "dashboard" which includes a link to the webpage.

Best,
Aaron





On Wed, Jun 24, 2020 at 8:37 AM Sarah Babcock <SBabcock@mcwd.org> wrote:

> Good morning Aaron,
>
> I hope this email finds you well. At your earliest convenience, could you forward or send a screen shot of the email blast/posting to the CSUMB website regarding the 2019 Consumer Confidence Report?
>
> Thanks,

Sarah Babcock

Administrative Analyst – O&M

Marina Coast Water District

Engineering, Operations & Maintenance Office

2840 4th Avenue, Marina CA 93933

W: 831-883-5952

F: 831-384-0267

From: Sarah Babcock
Sent: Tuesday, May 26, 2020 7:28 AM
To: Aaron Bryant <aabryant@csumb.edu>
Cc: Sydney Clemann <sclemann@csumb.edu>; Tatiana Olivera <tolivera@csumb.edu>
Subject: RE: 2019 Consumer Confidence Report - CSUMB Posting

Hi Aaron,

This annual report is required by law and contains important information regarding the quality and source of the drinking water for all water consumers within the District, which includes CSUMB. Attached you will find the 2019 Consumer Confidence Report.

Please let me know if you have any questions.

Thanks,

Sarah Babcock

Administrative Analyst – O&M

Marina Coast Water District

Engineering, Operations & Maintenance Office

2840 4th Avenue, Marina CA 93933

W: 831-883-5952

F: 831-384-0267

From: Aaron Bryant <aabryant@csumb.edu>
Sent: Friday, May 22, 2020 3:53 PM
To: Sarah Babcock <SBabcock@mcwd.org>
Cc: Sydney Clemann <sclemann@csumb.edu>; Tatiana Olivera <tolivera@csumb.edu>
Subject: Re: 2019 Consumer Confidence Report - CSUMB Posting

Hi Sarah,

Can you send us a summary of the material and your link to the report. We can definitely get it up on our website. Once we have the material, we can see what other channels it may best fit in for communications.

Best,

Aaron

On Thu, May 21, 2020 at 12:57 PM Sarah Babcock <SBabcock@mcwd.org> wrote:

Hi Aaron,

I want to follow up with you via email after I left a voicemail on your desk line earlier today regarding information on the 2019 Consumer Confidence Report (CCR). In the past, CSUMB has posted a link for the CCR to the CSUMB website as it is required by law for us to send out information regarding the water quality to all consumers. In addition to posting on the CSUMB website, we would like to request that an email blast be sent out as well. Please let me know if the aforementioned is still possible and I will send you the files to post.

If you have any questions at all please let me know.

Thank you!

Sarah Babcock

Administrative Analyst – O&M

Marina Coast Water District

Engineering, Operations & Maintenance Office

2840 4th Avenue, Marina CA 93933

W: 831-883-5952

F: 831-384-0267

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Aaron C. Bryant, M.S., M.B.A.

Director of Communications & Marketing

University Communications

California State University, Monterey Bay

Phone: 831-582-4768

Email: aabryant@csumb.edu

Web: csumb.edu/communications

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Web: csumb.edu/communications

Sarah Babcock

From: Schoonover Park <schoonoverpark@allresco.com>
Sent: Tuesday, May 26, 2020 3:53 PM
To: Schoonover Park
Subject: Marina Coast Water District
Attachments: Marina Coast Water District - 2019 Consumer Confidence Report.pdf

Please See Attached Newsletter 

CSUMB East Campus Housing
Schoonover Park Apartments
601 Thomas Court
Marina, Ca. 93933
(p)831-582-4810 (f)831-883-3153

Sarah Babcock

From: Teresa Watkins <twatkins@tmo.com>
Sent: Wednesday, June 24, 2020 8:55 AM
To: Sarah Babcock
Subject: Fwd: Test Message - Marina Coast Water District's 2019 Consumer Confidence Report (CCR)

Please see below

---------- Forwarded message ---------
From: **The Parks at Monterey Bay** <parksatmontereybay@tmo.com>
Date: Wed, Jun 24, 2020 at 8:50 AM
Subject: Test Message - Marina Coast Water District's 2019 Consumer Confidence Report (CCR)
To: <twatkins@tmo.com>

Water Supply and Treatment

2019 Production Summary

Source Water Assessment

Current and Future Service Areas

Water Quality

The District diligently monitors drinking water quality and once again is pleased to report that your tap water meets all federal and federal drinking water standards.

State Total Coliform Rule and Federal Groundwater Rule

This Consumer Confidence Report (CCR) reflects changes in drinking water regulatory requirements starting 2016. All water systems are required to comply with the state total coliform Rule. Effective April 1, 2016, all water systems are also required to comply with the federal Revised Total Coliform Rule. The new federal rule maintains the purpose to protect public health by ensuring the integrity of the drinking water distribution system and monitoring for the presence of microbes (i.e., total coliform and E. coli bacteria). The U.S. EPA anticipates greater public health protection as the new rule requires water systems that are vulnerable to microbial contamination to identify and fix problems. Water systems that exceed a specified frequency of total coliform occurrences are required to conduct an assessment to determine if any sanitary defects exist. If found, these must be corrected by the water system.

Trichloroethylene (TCE)

TCE was originally detected by the US Army on the former Fort Ord in 2019. TCE (below the MCL, or safe standard level) was detected in the Intake supply wells 29 and 30. With the interconnection of the two water systems, drinking water may be supplied to either General Marion or the Ord Community distribution systems depending on water demand. The District also continues to regularly monitor for TCE in its water supply.

The Army operates a network of shallow groundwater monitoring wells to track progress in remediating cleanup of the TCE contaminants plume from the now closed landfill and the drill area. Army groundwater monitoring wells, not water supply drinking water wells, have TCE contaminants. TCE has also been detected in many Army groundwater monitoring wells.

Nitrate

Nitrate in drinking water at levels above 10 mg/l is a health risk for infants of less than six months of age. Such high nitrate levels in drinking water can interfere with the capacity of the infant's blood to carry oxygen, resulting in a serious illness; symptoms include shortness of breath and blueness of the skin. Nitrate levels above 10 mg/l may also affect the ability of the blood to carry oxygen in other individuals, such as pregnant women and those with certain specific enzyme deficiencies. If you are caring for an infant, or you are pregnant, you should ask advice from your health care provider. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity.

Arsenic

While your drinking water meets the federal and state standard for arsenic, it does contain low levels of arsenic. The arsenic standard balances the current understanding of arsenic's potential health effects against the costs of removing arsenic from drinking water. The U.S. Environmental Protection Agency continues to research the health effects of low levels of arsenic, which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems.

Lead

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. Marina Coast Water District 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 2 minutes before using water for drinking or cooking. 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 or at http://www.epa.gov/safewater/lead.

A Notice on Radon

Radon is a radioactive gas that you cannot see, taste, or smell. It is found throughout the U.S. Radon can move up through the ground and into a home through cracks and holes in the foundation. Radon can build up to high levels in all types of homes. Radon can also get into indoor air when released from tap water from showering, washing dishes, and other household activities. Compared to radon entering the home through soil, radon entering the home through tap water will in most cases be a small source of radon in indoor air. Radon is a known human carcinogen. Breathing air containing radon can lead to lung cancer. Drinking water containing radon may also cause increased risk of stomach cancer. If you are concerned about radon in your home, test the air in your home. Testing is inexpensive and easy. You should pursue radon removal for your home if the level of radon in your air is 4 pCi/L or more per liter of air (pCi/L) or higher. There are simple ways to fix a radon problem that are not too costly. For additional information, call your State radon program at 800 745 7236, the U.S. EPA Safe Drinking Water Hotline at 800 426 4791 or the National Safety Council Radon Hotline (1 800 767 7236).

What Are the Sources of Contaminants?

The sources of drinking water (both tap 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 stormwater 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 stormwater 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 stormwater 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) and the State Water Resources Control Board (State Board) 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.

A note to the immune compromised. Some people may be more vulnerable to contaminants in drinking water than the general population. Immune-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 (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (1 800 426 4791).

The District's Customer Service staff is available to assist you Monday through Friday, 8 am to 5:30 pm

Educational Information and Special Health Information

[illegible]

Other Water Information Sources

[illegible]

Operator [illegible] the flow meter at one of the District's reservoirs

How to Read Water Quality Tables

[illegible]

Distribution System Water Quality

PRIMARY DRINKING WATER STANDARDS — Microbiology

[illegible]

PRIMARY DRINKING WATER STANDARDS — Disinfection Byproducts & Disinfectant Residual

[illegible]

PRIMARY DRINKING WATER STANDARDS — Lead & Copper Indoor Tap Samples

[illegible]

PRIMARY DRINKING WATER STANDARDS — Lead in Schools Testing [illegible]

[illegible]

Definitions of Terms Used

[illegible]

Groundwater Supply Wells Water Quality

Detected Contaminants	Units	MCL	PHG (MCLG)	Year Tested	Annual Average	Range Low - High	Violation	Major Sources in Drinking Water
PRIMARY DRINKING WATER STANDARDS								
Arsenic	ppb	10	0.004	2019	2.6	ND - 7.5	No	Erosion of natural deposits.
Fluoride (Natural)	ppm	2.0	1	2019	0.17	ND - 0.26	No	Erosion of natural deposits.
Gross Alpha particle activity	pCi/L	15	(Zero)	2014 / 2016 / 2018 / 2013 (c)	1.2	ND - 7.1	No	Erosion of natural deposits.
Nitrate (as N)	ppm	10	10	2019	2.0	ND - 5.5	No	Erosion of natural deposits.
Trichloroethylene (TCE)	ppb	5	1.7	2019	0.3	ND - 1.6	No	Discharge from metal degreasing sites.
Uranium	pCi/L	20	0.43	2015 / 2019 (d)	1.2	ND - 4.8	No	Erosion of natural deposits.
SECONDARY DRINKING WATER STANDARDS								
Chloride	ppm	500	n/a	2019	101	54 - 208	No	Leaching from natural deposits; seawater influence
Odor Threshold	TON	3	n/a	2019	0.6	ND - 2.0	No	Naturally-occurring organic materials.
pH Units	Units	6.5 - 8.5	n/a	2019	7.8	7.5 - 8.2	No	Naturally-occurring minerals.
Specific Conductance	µS/cm	1600	n/a	2019	680	480 - 1100	No	Substances that form ions when in water; seawater influence
Sulfate	ppm	500	n/a	2019	46	30 - [illegible]	No	Leaching from natural deposits.
Total Dissolved Solids	ppm	1000	n/a	2019	390	200 - 570	No	Leaching from natural deposits.
Turbidity	NTU	5	n/a	2019	0.15	0.11 - 0.24	No	Soil run-off.
OTHER CONSTITUENTS — *No Drinking Water Standards*								
Alkalinity	ppm	n/a	n/a	2019	115	93 - 180	n/a	Naturally occurring minerals.
Bicarbonate Alkalinity	ppm	n/a	n/a	2019	141	110 - 220	n/a	Naturally occurring minerals.
Calcium	ppm	n/a	n/a	2019	45	24 - 60	n/a	Naturally occurring mineral.
Magnesium	ppm	n/a	n/a	2019	14	2.1 - 29	n/a	Naturally occurring mineral.
Potassium	ppm	n/a	n/a	2019	3.0	2.0 - 4.3	n/a	Naturally occurring mineral.
Sodium	ppm	n/a	n/a	2019	68	38 - 130	n/a	Naturally occurring mineral.
Hardness (a)	ppm	n/a	n/a	2019	169	85 - 340	n/a	Naturally occurring minerals.
Radon 222	pCi/L	n/a	n/a	2009 (b)	1081.5	715 - 1400	n/a	Naturally occurring gas.
UNREGULATED CONTAMINANTS — *No Drinking Water Standards*								
Boron	ppb	1000 (NL)	n/a	2019	45.7	ND - 120	n/a	Erosion of natural deposits.
Vanadium	ppb	50 (NL)	n/a	2019	6.6	ND - 15	n/a	Erosion of natural deposits.
Perfluorohexanoic acid (PFHxA)	ppt	n/a	n/a	2019-2020 (e)	0.8	ND - 5.2	n/a	Breakdown product of stain- and grease-proof food coatings.

Footnotes

(a) Water Hardness Unit Conversion: Total Hardness (Annual Average) = 9.9 grains/gallon (for 169 ppm). Total Hardness (Range) = 5.2 – 14 grains/gallon.

(b) Wells 10 and 11 were tested in 2009.

(c) Wells 12, 17, and Watkins Gate were sampled in 2013. Wells 31 and 34 were sampled in 2019.

(d) Watkins Gate Well sampled in 2013. Wells 15 and 12 were sampled in 2014. Wells 29 and 30 were sampled in 2016. Wells 31 and 34 were sampled in 2019.

(e) Year Tested — four consecutive quarters of testing began second Quarter 2019, as required, and ended first Quarter 2020 as required.

Unregulated Chemicals: Unregulated contaminant monitoring helps U.S. EPA and the State Water Resources Control Board to determine where certain contaminants occur and whether the contaminants need to be regulated. The District performed Per-and-Poly-Fluoroalkyl Substances (PFAS) sampling in 2019 and low levels of Perfluorohexanoic Acid (PFHxA) were detected within Well 29. The District continues to closely monitor these levels within Well 29.

Unsubscribe

This message was sent to twatkins@tmo.com from parksatmontereybay@tmo.com

The Parks at Monterey Bay
1200 Fechteler Drive
Monterey, CA 93940

--
Teresa Watkins
Community Director
The Parks at Monterey Bay

P (831-644-0400)
F (831-643-0401)

1200 Fechteler Drive
Monterey, CA 93940

The Parks
AT MONTEREY BAY

www.parksatmonterey.com

Zip Codes Used for Marina Coast Water District, CA - 2710017

99503	93654	93944	94546	95037	95138	96789	23320
99664	93704	93944	94550	95039	95148	96789	23430
72223	93711	93950	94551	95039	95148	83227	98012
85083	93711	93950	94552	95045	95206	83616	99037
85143	93720	93953	94552	95050	95207	83686	99210
85284	93722	93953	94555	95050	95215	60522	99210
85365	93729	93955	94563	95051	95252	62650	82604
90069	93730	93955	94566	95060	95340	67278	
90248	93792	93955	94568	95061	95350	48843	
90265	93901	93962	94582	95062	95355	65801	
90405	93901	94015	94583	95066	95355	59034	
90815	93902	94022	94588	95066	95356	28732	
91001	93905	94024	94596	95070	95360	58554	
91326	93905	94035	94597	95070	95366	68103	
91356	93906	94040	94621	95073	95372	3062	
91361	93906	94041	94923	95076	95376	3862	
91768	93907	94042	94928	95076	95377	89113	
92024	93907	94043	94948	95077	95382	89137	
92037	93907	94043	94960	95103	95404	89147	
92101	93907	94062	95001	95110	95476	89156	
92109	93908	94070	95002	95111	95501	89509	
92119	93908	94080	95003	95112	95614	89523	
92166	93912	94087	95003	95112	95616	43218	
92562	93912	94087	95004	95118	95618	43218	
92602	93920	94102	95006	95118	95624	97113	
92657	93921	94107	95008	95119	95626	97526	
92672	93921	94108	95008	95119	95630	97601	
92677	93921	94112	95010	95120	95661	97701	
92806	93921	94118	95010	95121	95662	18949	
92880	93922	94304	95012	95123	95678	19101	
93001	93922	94306	95012	95123	95695	19426	
93010	93923	94403	95014	95124	95746	29306	
93274	93923	94404	95014	95124	95758	57186	
93278	93924	94404	95015	95125	95758	57186	
93291	93924	94404	95018	95126	95762	75078	
93291	93933	94505	95019	95127	95814	77904	
93401	93933	94517	95020	95127	95816	78426	
93402	93933	94520	95020	95128	95827	78641	
93412	93933	94530	95021	95128	95833	78704	
93446	93940	94536	95023	95129	95864	79912	
93611	93940	94536	95023	95130	80111	84108	
93614	93940	94538	95032	95132	80111	84323	
93626	93942	94539	95032	95133	80225	20164	
93635	93942	94539	95033	95135	32707	22116	
93637	93943	94541	95035	95136	30281	22309	
93637	93943	94542	95036	95138	31324	22835	