

## **OUR COMMITMENT TO YOU**

Safe & Reliable Drinking Water, Delivered Every Day





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Dear Customer,

Thank you for reviewing our 2019 Water Quality & Consumer Confidence Report.

On behalf of the Moulton Niguel Water District Board of Directors, I am pleased to report:

Our water is safe, clean and continues to surpass every state and federal water quality standard.

Every year, Moulton Niguel conducts approximately 12,000 water quality tests that are independently analyzed at state-of-the-art laboratories. Our staff works diligently to ensure that our drinking water complies with the science-based water quality standards set by the Environmental Protection Agency and the State Water Resources Control Board.

When you turn on the tap, your family and mine are drinking water that is safe, clean and surpasses every state and federal standard for water quality and water safety.

Moulton Niguel is committed to delivering high-quality water to every customer. We also believe in full transparency. The District publishes this annual Consumer Confidence Report to provide our customers with all the data from our water quality testing.

This report, which covers water quality testing for the 2019 calendar year, includes a comprehensive summary of everything you need to know about your water. It provides details on the results of water quality tests conducted at each stage of treatment and delivery as well as information about the required safety regulations for public drinking water providers.

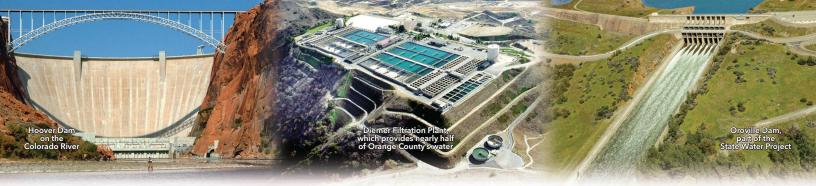
As a father of three children and Moulton Niguel customer, I believe that our agency's top priority must always be the safety and reliability of our water supply. That commitment has added significance this year as our country continues to struggle with the COVID-19 pandemic. According to the Centers for Disease Control and Prevention, coronavirus has not been detected in any drinking water systems nor does it present any threat to our water supply.

Over our 60-year history, Moulton Niguel has invested in building a robust water infrastructure system. We take great pride in delivering safe, clean and reliable drinking water at the lowest water rates in South Orange County.

We are here to serve you. Please call us anytime you need help at (949) 831-2500, or email customerservice@mnwd.com.

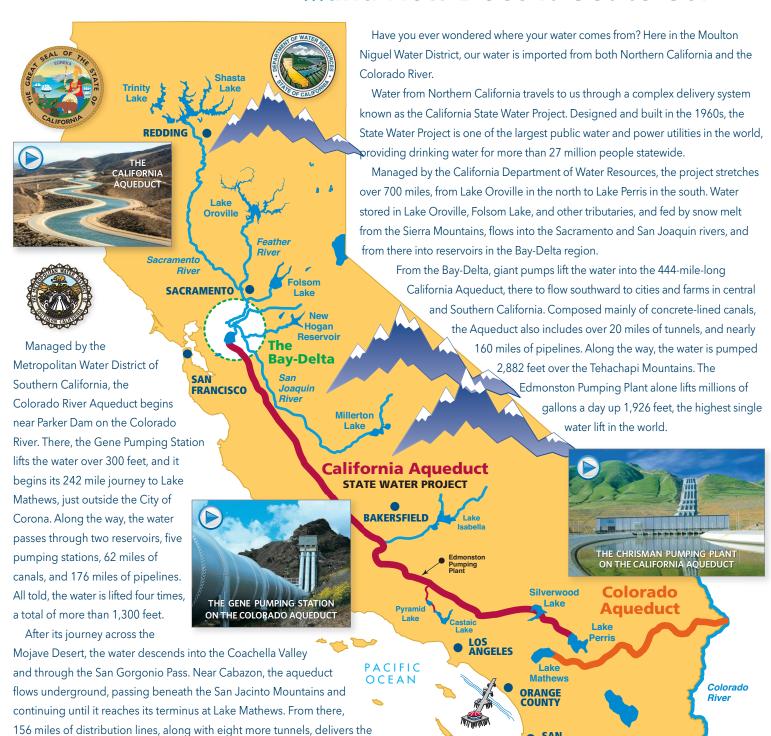
**BRIAN S. PROBOLSKY** 

President, Moulton Niguel Water District



## **Where Does Our Water Come From?**

## ...and How Does It Get to Us?



water throughout Southern California.

## The Quality of Your Water

### is Our Primary Concern

## **Sources of Water Supply**

Moulton Niguel relies on imported water from MWD, which sources its water supply from the Colorado River and the State Water Project. MWD provides drinking water to nearly 19 million people in parts of Los Angeles, Orange, San Diego, Riverside, San Bernardino, and Ventura counties, and delivers an average of 1.7 billion gallons of water per day to a 5,200-square-mile service area.

Importing water from hundreds of miles away is only the start to providing you clean, fresh water. Once the water is in the southland, the Metropolitan Water District of Southern California pumps the water to individual cities throughout Orange County.

Your water is treated at the Diemer Filtration Plant in Yorba Linda and the Baker Water Treatment Plant in Lake Forest, which is then delivered to Moulton Niguel Water District. Your water is a blend of both treatment plants.

This water meets all state and federal regulations and it is kept safe from the treatment plant to your tap by regular testing throughout the distribution network. Moulton Niguel's pipelines, pump stations, and reservoirs are used to deliver this water to you when and where it is needed.

The Moulton Niguel Water District monitors the water quality at all sources, reservoirs, and various points in the distribution system. All told, between the many agencies responsible for providing your water, it is tested more times, and for more compounds, than is required by state and federal laws and regulations. This vigilant monitoring ensures your drinking water stays within the requirements mandated by the federal Safe Drinking Water Act.



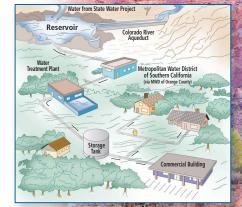
Drinking water, both tap and bottled, may reasonably be expected to contain trace amounts of some contaminants. The presence of trace contaminants does not indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the USEPA Safe Drinking Water Hotline at (800) 426-4791 or visiting www.epa.gov/your-drinking-water.

The sources of both tap and bottled drinking water include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of land or through the ground, it can dissolve naturally-occurring minerals 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, protozoa, and bacteria that may come from wastewater 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 USEPA and DDW prescribe regulations that limit the amounts of certain contaminants in water provided by public water systems. DDW and U.S. Food and Drug Administration regulations establish limits for contaminants in bottled water that provide similar protection for public health.





## **Water Quality Testing**

## You Should be Knowledgeable About ...

#### Lead

Moulton Niguel meets all required standards for lead in the USEPA Lead and Copper Rule. 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 home plumbing.

Moulton Niguel is responsible for providing high quality drinking water to your property, but cannot control the variety of materials used in various 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. However, please follow this practice carefully to reduce any potential water waste.

Moulton Niguel participates in the State Water

Resources Control
Board's Lead Testing in
Schools Program. To
date, all samples collected at schools in the
District have met drinking
water standards set by
the State and Federal
regulatory agencies.



Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline, (800) 426-4791, or at www.epa.gov/lead.



## Cryptosporidium



*Cryptosporidium* is a microbial pathogen that originates from animal or human waste and is found in surface waters throughout the United States. When ingested, it can cause diarrhea, fever, and other gastrointestinal symptoms.

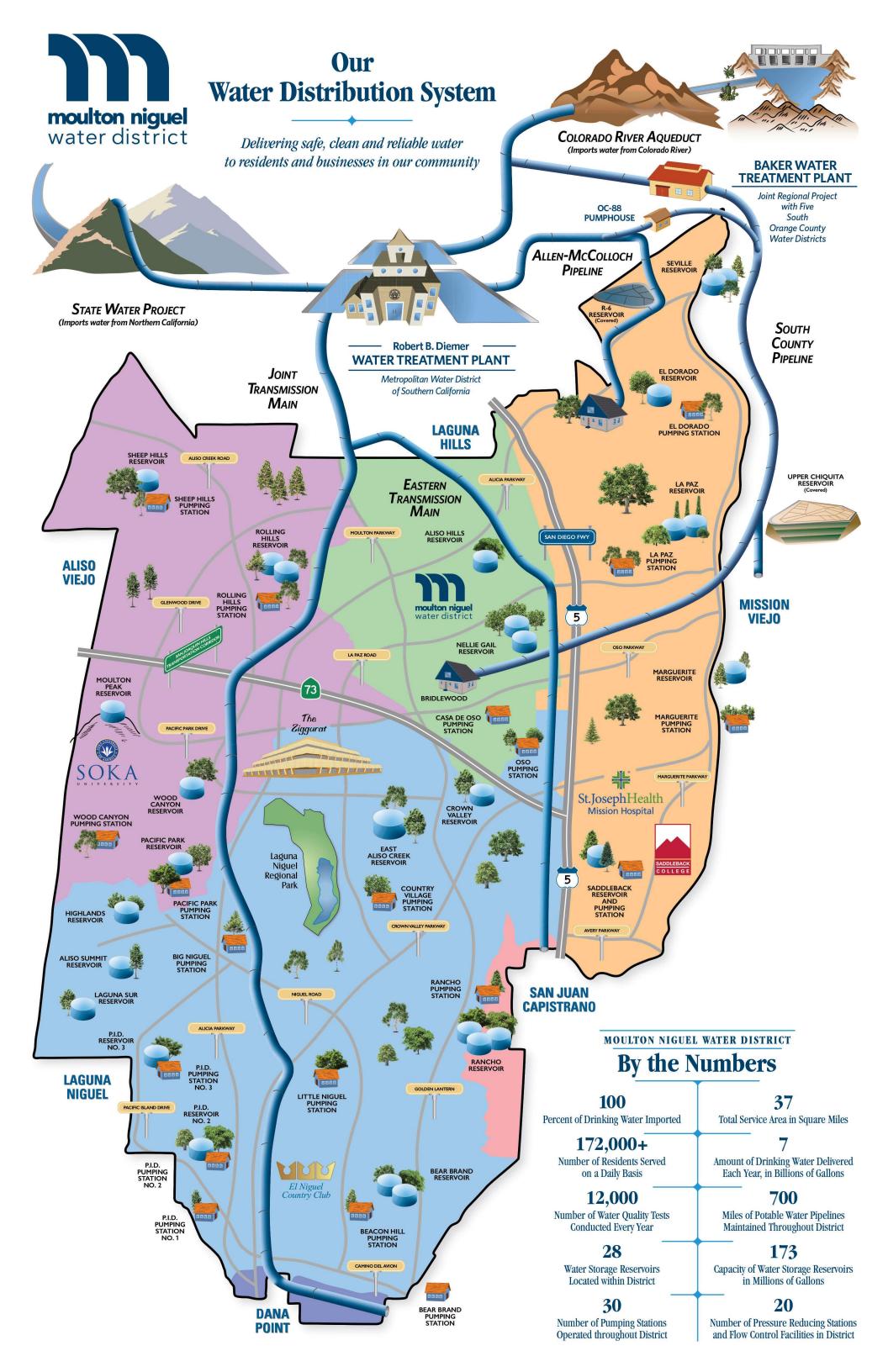
MWD tested but did not detect cryptosporidium in the source and treated surface waters during 2019. If detected, *Cryptosporidium* is eliminated by an effective treatment combination including sedimentation, filtration, and disinfection.

The USEPA and Federal Centers for Disease Control guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminates are available from the USEPA Safe Drinking Water Hotline at **(800) 426-4791** or visit www.epa.gov/safewater.

### **Water Hardness**

Levels of calcium and magnesium, which occur naturally in water, are the primary substances that determine whether water is hard or soft. Water from the Colorado River, one of Moulton Niguel's sources of water, contains fairly high levels of these minerals and is considered "hard." Water hardness does not negatively affect your health; however, hard water does require more soap than soft water and will leave mineral deposits on plumbing fixtures over time. Water hardness is measured in grains per gallon. In 2019, the hardness found in your water had an average of 12.4 grains per gallon.





## **Additional Water Related Information**

## You Should be Knowledgeable About

### **Chloramines**

All of Moulton Niguel's drinking water is imported from MWD and is disinfected at the Diemer Water Treatment Plant and the Baker Water Treatment Plant with chloramines, which is a combination of chlorine and ammonia. In addition, Moulton Niguel maintains disinfection levels in stored water through the addition of chloramines, as needed. Chloramines are effective killers of bacteria and other microorganisms that may cause disease. Compared to chlorine alone,

chloramines last longer in the distribution system, minimize byproduct formation, and have minimal odor.



Individuals who use kidney dialysis machines may want to take special precautions and consult their health care providers for the appropriate type of supplementary water treatment, if required. Customers who maintain fish ponds, tanks, or aquariums should also make necessary adjustments in water quality treatment, as these disinfectants may be toxic to fish. For further information, or if you have any

questions about chloramines, please call Moulton Niguel at (949) 425-3562.

### **Drinking Water Fluoridation**



Fluoride has been added to drinking water supplies in the United States since 1945. Of the 50 largest cities in the United States, 43 fluoridate their drinking water. In December 2007, MWD joined a majority of the nation's public water suppliers

in adding fluoride to drinking water in order to prevent tooth decay.

MWD was in compliance with all provisions of the State's fluoridation system requirements. Fluoride levels in drinking water are limited under California State regulations at a maximum dosage of two (2) parts per million.

There are many places to go for additional information about the fluoridation of drinking water, including:

U.S. Centers for Disease Control and Prevention (800) 232-4636 ♦ www.cdc.gov/fluoridation/

State Water Resources Control Board,
Division of Drinking Water
www.waterboards.ca.gov/drinking\_water/certlic/
drinkingwater/Fluoridation.shtml

American Water Works Association • www.awwa.org

For more information about MWD's fluoridation program, please contact Edgar G. Dymally at (213) 217-5709 or email him at edymally@mwdh2o.com.

## **Immuno-Compromised People**

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, or have HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These individuals should seek advice about drinking water from their health care providers.



## **Water Quality Charts Legend**

#### What are Water Quality Standards?

Drinking water standards established by USEPA and DDW set limits for substances that may affect consumer health or aesthetic qualities of drinking water. The tables in the report show the following types of water quality standards:

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 are economically and technologically feasible. Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.

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

**Secondary MCLs:** Set to protect the odor, taste, and appearance of drinking water.

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

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

#### What is a Water Quality Goal?

In addition to mandatory water quality standards, the USEPA and the DDW have set voluntary water quality goals for some contaminants. Water quality goals are often set at such low levels that they are not achievable in practice and are not directly measurable. Nevertheless, these goals provide useful guidelines and direction for water management practices. The tables in this report include three types of water quality goals:

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

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

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

#### **How are Contaminants Measured?**

Water is sampled and tested throughout the year. Contaminants are measured in:

- Parts per million (ppm) or milligrams per liter (mg/L)
- Parts per billion (ppb) or micrograms per liter ( g/L)
- Parts per trillion (ppt) or nanograms per liter (ng/L)

### **Source Water Assessment**

#### **Metropolitan Water District**

Every five years, MWD is required by DDW to examine possible sources of drinking water contamination in its State Water Project and Colorado River source waters.

The most recent watershed sanitary surveys for MWD's source waters are the Colorado River Watershed Sanitary Survey – 2015 Update, and the State Water Project Watershed Sanitary Survey – 2011 Update.

Both source waters are exposed to stormwater runoff, recreational activities, wastewater discharges, wildlife, fires, and other watershed-related factors that could affect water quality.

Water from the Colorado River is considered to be most vulnerable to contamination from recreation, urban and stormwater runoff, increasing urbanization in the watershed,

and wastewater. Water supplies from Northern California's State Water Project are most vulnerable to contamination from urban and stormwater runoff, wildlife, agriculture, recreation, and wastewater.

USEPA also requires MWD to complete one Source Water Assessment (SWA) that utilizes information collected in the watershed sanitary surveys. MWD completed its SWA in December 2002. The SWA is used to evaluate the vulnerability of water sources to contamination and helps determine whether more protective measures are needed.

A copy of the most recent summary of either Watershed Sanitary Survey or the SWA can be obtained by calling MWD at (800) CALL-MWD (225-5693).

#### **Baker Water Treatment Plant**

The Baker Treatment Plant receives untreated surface water from MWD (see MWD water assessment left) and untreated surface water from Irvine Lake (Santiago Reservoir). The surface water assessment of Santiago Reservoir is provided by Serrano Water District, which also uses source water from Santiago Reservoir.

The most recent watershed sanitary survey for Santiago Reservoir was updated in 2014. Water supplies from Santiago Reservoir are most vulnerable to septic tank, landfill and dump activities. The Source Water Assessment (SWA) for Santiago Reservoir was completed in April 2001. The assessment was conducted for the Serrano Water District by Boyle Engineering Corporation (Boyle) with assistance from the District's staff and management.

A copy of the complete assessment may be viewed at the IRWD Water Quality Department, 3512 Michelson Drive, Irvine. You may request a summary of the assessment by writing to District Secretary, Irvine Ranch Water District, 15600 Sand Canyon Avenue, Irvine, California 92618.



#### **Metropolitan Water District of Southern California Treated Surface Water Quality Results for 2019** PHG (MCLG) Average Amount Range of Detections MCL Violation? Chemical MCL **Typical Source of Chemical Disinfection Byproducts** Total Organic Carbon (ppm) П 2.4 1.8 - 2.6 Various Natural and Man-made Sources. n/a n/a TOC is a precursor for the formation of disinfection byproducts. **Inorganic Chemicals** Aluminum (ppm) .6 0.12 ND - .06 No Treatment Process Residue, Natural Deposits 10 10 0.5 Nο Run off and leaching from fertilizer; Nitrate (as Nitrogen) ppm 0.5 septic tank and sewage: runoff and leaching of natural deposits Fluoride (ppm) treatment-related 2 1 0.7 0.1 - 0.9No Water Additive for Dental Health Secondary Standards\* Aluminum (ppb) 200\* 600 124 ND - 65 Nο Treatment Process Residue, Natural Deposits 5003 53 - 58 Nο Chloride (ppm) n/a 56 Runoff or Leaching from Natural Deposits 15\* ND - 1 No Naturally-occurring Organic Materials Color (color units) n/a ND Odor (threshold odor number) 3\* n/a ND ND - 1 No Naturally-occurring Organic Materials Specific Conductance (µmho/cm) 1,600\* n/a 514 508 - 521 Nο Substances that Form Ions in Water Sulfate (ppm) 500\* n/a 91 89 - 93 No Runoff or Leaching from Natural Deposits Total Dissolved Solids (ppm) 1,000\* n/a 304 296 - 312 No Runoff or Leaching from Natural Deposits **Unregulated Chemicals** Chlorate (ppb) NL = 800n/a 55 55 n/a Byproduct of drinking water chlorination; industrial process Boron (ppm) NL = 1n/a 0.12 0.12 n/a Runoff or Leaching from Natural Deposits Hardness, total as CaCO<sub>3</sub> (ppm) Not Regulated 127 124 - 130 Runoff or Leaching from Natural Deposits Hardness, total (grains/gallon) Not Regulated n/a 7.4 7.2 - 7.6n/a Runoff or Leaching from Natural Deposits Runoff or Leaching from Natural Deposits Magnesium (ppm) Not Regulated n/a 14 13 - 14 n/a pH (pH units) Not Regulated n/a 8.4 8.4 - 8.5n/a Hydrogen Ion Concentration Not Regulated n/a 2.8 2.6 - 2.9 Runoff or Leaching from Natural Deposits Potassium (ppm) n/a Sodium (ppm) Not Regulated n/a 56 54 - 57 n/a Runoff or Leaching from Natural Deposits Bromate (ppb) Not Regulated 2 ND - 5.9 Byproduct of drinking water ozonation n/a n/a Alkalinity, total as CaCO<sub>3</sub> (ppm) Not Regulated n/a 72 69 - 74 n/a Runoff or Leaching from Natural Deposits

n/a

Not Regulated

ppb = parts-per-billion; ppm = parts-per-million; pCi/L = picoCuries per liter; µmho/cm = micromhos per centimeter; ND = not detected; MCL = Maximum Contaminant Level; (MCLG) = federal MCL Goal; PHG = California Public Health Goal; NL = Notification Level; n/a = not applicable; TT = treatment technique

30

Calcium (ppm)

Clarity – combined filter effluent Metropolitan Water District Diemer Filtration Plant	Treatment Technique	Turbidity Measurements	TT Violation?	Typical Source of Chemical
1) Highest single turbidity measurement	0.3 NTU	0.05	No	Soil Runoff
2) Percentage of samples less than 0.3 NTU	95%	100%	No	Soil Runoff

NTU = nephelometric turbidity units

Runoff or Leaching from Natural Deposits

Turbidity is a measure of the cloudiness of the water, an indication of particulate matter, some of which might include harmful microorganisms.
Low turbidity in Metropolitan's treated water is a good indicator of effective filtration. Filtration is called a "treatment technique" (TT).

A treatment technique is a required process intended to reduce the level of chemicals in drinking water that are difficult and sometimes impossible to measure directly.

#### 2019 Moulton Niguel Water District Distribution System

				<u> </u>	
Disinfection Byproducts	MCL (MRDL/MRDLG)	Average Amount	Range of Detections	MCL Violation?	Typical Source of Contaminant
Total Trihalomethanes (ppb)	80	36	19.3 - 51.2	No	Byproducts of Chlorine Disinfection
Haloacetic Acids (ppb)	60	18	8.2 - 19.4	No	Byproducts of Chlorine Disinfection
Disinfectant Residual (chloramines) (mg/L)	4	2.03	0.5 - 3.3	No	Disinfectant Added for Treatment

MRDL = Maximum Residual Disinfectant Level; MRDLG = Maximum Residual Disinfectant Level Goal

Bacterial Quality	MCL	MCLG	Highest Monthly Positive Samples	MCL Violation?	Typical Source of Contaminant
Total Coliform Bacteria (cfu)	5.0%	0.0%	N/A	No	Naturally Present in the Environment

No more than 5.0% of the monthly samples may be positive for total coliform bacteria.

The occurrence of 2 consecutive total coliform positive samples, one of which contains fecal coliform/E.coli, constitutes an acute MCL violation.

### Lead and Copper Action Levels at Residential Taps

	Action Level (AL)	Health Goal	90 <sup>th</sup> Percentile Value	Sites Exceeding AL / Number of Sites	AL Violation?	Typical Source of Contaminant
Lead (ppb)	15	0.2	2.34	0/51	No	Corrosion of Household Plumbing
Copper (ppm)	1.3	0.3	0.20	0/51	No	Corrosion of household plumbing

Every three years, at least 50 residences are tested for lead and copper at-the-tap. The most recent set of samples was collected in 2018.

Zero samples exceeded the Regulatory Action Level (AL) for Lead or Copper.

A regulatory action level is the concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

<sup>\*</sup>Chemical is regulated by a secondary standard

## Baker Water Treatment Plant Treated Surface Water Quality Results for 2019

Chemical	MCL	PHG (MCLG)	Average Amount	Range of Detections	MCL Violation?	Typical Source of Chemical
Radiologicals						
Gross Alpha Particle Activity (pCi/L)	15	(0)	<3.0	ND - 3.26	No	Erosion of Natural Deposits
Uranium (pCi/L)	20	0.43	1	ND - 2.1	No	Erosion of Natural Deposits
Disinfecton Byproducts						
Chlorite (BWTP Product Water) (ppm)	1	0.05	0.13	ND - 0.50	No	Byproduct of drinking water chlorination
Chlorine Dioxide (ppb)	MRDL = 800	MRDLG = 800	<20	ND - 280	No	Drinking water disinfectant added for treatment
Inorganic Chemicals (2017 - 2019)						
Barium (ppb)	1,000	2000	<100	ND - 114	No	Refinery Discharge, Erosion of Natural Deposits
Fluoride (ppm) treatment-related	2	1	0.28	0.25 - 0.31	No	Water Additive for Dental Health; Erosion of natural deposits
Secondary Standards*						
Turbidity (NTU)	5*	n/a	0.1	0.1	No	Soil Runoff
Chloride (ppm)	500*	n/a	72.7	44.4 - 101	No	Runoff or Leaching from Natural Deposits
Color	15*	n/a	5	<3 - 10	No	Naturally-Ocurring Organic Materials
Odor (threshold odor number)	3*	n/a	2	<1 - 4	No	Naturally-occurring Organic Materials
Specific Conductance (µmho/cm)	1,600*	n/a	878	789 - 968	No	Substances that Form Ions in Water
Manganese (ppb)	50*	NL = 500	<20	ND - 26.2	No	Runoff or Leaching from Natural Deposits
Foaming Agents - MBAS (ppb)	500*	n/a	< 0.05	ND - 0.055	No	Municipal and Industrial Waste Discharges
Sulfate (ppm)	500*	n/a	215	205 - 225	No	Runoff or Leaching from Natural Deposits
Total Dissolved Solids (ppm)	1,000*	n/a	568	530 - 606	No	Runoff or Leaching from Natural Deposits
Unregulated Chemicals						
Alkalinity, total as CaCO <sub>3</sub> (ppm)	Not Regulated	n/a	138	122 - 155	n/a	Runoff or Leaching from Natural Deposits
Bicarbonate (ppb)	Not Regulated	n/a	166	144 - 188	n/a	Runoff or Leaching from Natural Deposits
Boron (ppm)	NL=1	n/a	0.11	0.10 - 0.12	n/a	Runoff or Leaching from Natural Deposits
Carbonate (ppm)	Not Regulated	n/a	1	<0.6 - 2.1	n/a	Runoff or Leaching from Natural Deposits
Calcium (ppm)	Not Regulated	n/a	74.2	68.4 - 80.1	n/a	Runoff or Leaching from Natural Deposits
Hardness, total as CaCO <sub>3</sub> (ppm)	Not Regulated	n/a	299	275 - 323	n/a	Runoff or Leaching from Natural Deposits
Hardness as Grains per Gallon	Not Regulated	n/a	17.4	16.1 - 18.9	n/a	Runoff or Leaching from Natural Deposits
Magnesium (ppm)	Not Regulated	n/a	27.6	25.4 - 29.9	n/a	Runoff or Leaching from Natural Deposits
pH (pH units)	Not Regulated	n/a	8.1	7.7 - 8.5	n/a	Hydrogen Ion Concentration
Potassium (ppm)	Not Regulated	n/a	3.7	3.1 - 4.4	n/a	Runoff or Leaching from Natural Deposits
Sodium (ppm)	Not Regulated	n/a	68.2	44.5 - 91.9	n/a	Runoff or Leaching from Natural Deposits
Total Organic Carbon (ppm)	Π	n/a	3.7	2.8 - 4.6	n/a	Various Natural and Man-made Sources

ppb = parts-per-billion; ppm = parts-per-million; pCi/L = picoCuries per liter; μmho/cm = micromhos per centimeter; ND = not detected; n/a = not applicable; MCL = Maximum Contaminant Level; (MCLG) = federal MCL Goal; PHG = California Public Health Goal; NL = Notification Level; π = treatment technique

<sup>\*</sup>Chemical is regulated by a secondary standard.

Clarity – combined filter effluent Baker Water Treatment Plant	Treatment Technique	Turbidity Measurements	Π Violation?	Typical Source of Contaminant
1) Highest single turbidity measurement	0.1 NTU	0.034	No	Soil Runoff
2) Percentage of samples less than 0.3 NTU	95%	100%	No	Soil Runoff

Turbidity is a measure of the cloudiness of the water, an indication of particulate matter, some of which might include harmful microorganisms.

Low turbidity in Baker's treated water is a good indicator of effective filtration. Filtration is called a "treatment technique" (TT).

A treatment technique is a required process intended to reduce the level of chemicals in drinking water that are difficult and sometimes impossible to measure directly.

Unregulated Chemicals Requiring Monitoring for 2013					
Chemical	Average Amount	Range of Detections			
Chromium (ppb)	0.25	0.24 - 0.26			
Molybdenum (ppb)	4.4	4.1 - 4.7			
Strontium (ppb)	864	750 - 960			
Vanadium (ppb)	3.2	2.5 - 4.2			
Chromium-6 (Hexavalent Chromium) (ppb)	0.075	0.041 - 0.1			
Chlorate (ppb)	116	40 - 310			

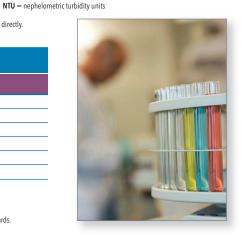
 $In 2012, the EPA \ revised \ the \ Unregulated \ Contaminant \ Monitoring \ Rule \ to \ establish \ a \ new \ set \ of \ unregulated \ contaminants.$ 

Unregulated contaminants are those that don't yet have a drinking water standard set by the USEPA.

The purpose of monitoring for these contaminants is to help the EPA decide whether the contaminants should have a standard.

As drinking water standards are reviewed and updated, Moulton Niguel will continue to ensure that all drinking water meets those defined water quality standards.

For more information, please visit the EPA's website at http://water.epa.gov/lawsregs/sdwa/ucmr/ucmr3/basicinformation.cfm.



## **Connect with Moulton Niguel**

## Learn More about Your Water ...

## **Federal and State Water Quality Regulations**

The United States Environmental Protection Agency (USEPA) and the State Water Resources Control Board, Division of Drinking Water (DDW) are the agencies responsible for establishing drinking water quality standards. The Metropolitan Water District of Southern California (MWD), which supplies imported water to Moulton Niguel, tests for unregulated chemicals in our water supply. Whenever possible, MWD goes beyond what is required by testing for unregulated chemicals that do not have drinking water standards. Unregulated chemical monitoring helps USEPA and DDW determine where certain chemicals may be present and whether new standards need to be established to protect public health.

Through drinking water quality testing programs carried out by MWD for imported water and Moulton Niguel for our local distribution system, your drinking water is constantly monitored from source to tap for regulated and unregulated constituents.

The State allows monitoring for some contaminants less than once per year because concentrations of these

contaminants do not change frequently. Some data, though representative, is more than one year old.



# Questions About Your Water? Contact Us for Answers.

For information or questions about this report, please call (949) 425-3562. To reach Moulton Niguel Customer Service and for other information, please call (949) 831-2500 or visit www.mnwd.com.

A copy of this report is also available on our website: **www.mnwd.com/CCR**.

For more information about the health effects of the listed contaminants in this report, call the **USEPA Safe Drinking Water Hotline** at **(800) 426-4791**.

#### **Community Participation**

The Moulton Niguel Board of Directors typically meet on the second Thursday of the month at 6pm at the District office at 26880 Aliso Viejo Parkway, Aliso Viejo, California 92656. More information about regular meetings and events is available at www.mnwd.com/events.

This report contains important information about your drinking water.

Translate it, or speak with someone who understands it.

Este informe contiene información muy importante sobre su agua potable.

Tradúzcalo o hable con alquien que lo entienda bien.

此份有关你的食水报告,内有重要资料 和讯息,请找他人为你翻译及解释清楚。

"هذا التقرير يحتوي على معلوماً ت مهمّة تتعلق بمياه الشفة (أو الشرب). ترجم التقرير أو تكلم مع شخص يستطيع أن يفهم التقرير."

#### Where Can You Learn More?

There's a wealth of information online about Drinking Water Quality and water issues in general. Some good sites to begin your own research are:

Metropolitan Water District of So. California: www.mwdh2o.com

California Department of Water Resources: www.water.ca.gov

The Water Education Foundation: www.watereducation.org

To learn more about

Water Conservation & Rebate Information:

www.mnwd.com/rebates

To learn more about

Why You Can Depend on Your Water System:
youtu.be/lshe58YVGRE

And to see the Aqueducts in action, checkout these two videos:

Wings Over the State Water Project: youtu.be/8A1v1Rr2neU Wings Over the Colorado Aqueduct: youtu.be/KipMQh5t0f4



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