Consumer Confidence Report
Certification Form

(to be submitted with a copy of the CCR)

(to certify electronic delivery of the CCR, use the certification form on the State Water Board's website at http://www.swrcb.ca.gov/drinking_water/certlic/drinkingwater/CCR.shtml)

Water System Name:	**RIO MANOR MUTUAL WATER CO**
Water System Number:	**CA5610035**

The water system named above hereby certifies that its Consumer Confidence Report was distributed on _____(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.

Certified By:	Name:		
	Signature:		
	Title:		
	Phone Number:	( )	Date:

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

☐ CCR was distributed by mail or other direct delivery methods. Specify other direct delivery methods used:

_____

_____

☐ "Good faith" efforts were used to reach non-bill paying customers. Those efforts included the following methods:

- ☐ Posted the CCR on the internet at http:// _____
- ☐ Mailed the CCR to postal patrons within the service area (attach zip codes used)
- ☐ Advertised the availability of the CCR in news media (attach a 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 the newspaper and date published)
- ☐ Posted the CCR in public places (attach a list of locations)
- ☐ Delivery of multiple copies of CCR to single bill addresses serving several persons, such as apartments, businesses, and schools
- ☐ Delivery to community organizations (attach a list of organizations)
- ☐ 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 address: http://_____

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

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

2023 Consumer Confidence Report

Water System Name: RIO MANOR MUTUAL WATER CO Report Date: April 2024

We test the drinking water quality for many constituents as required by state and federal regulations. This report shows the results of our monitoring for the period of January 1 - December 31, 2023.

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

Type of water source(s) in use: This information is not available, please see the Drinking Water Source Assessment information at the end of this report for details.

Your water comes from 2 source(s): WELL 01 and WELL 03
and from 1 treated location(s): Tank #3

Opportunities for public participation in decisions that affect drinking water quality: Water Board Meetings are held on the 4th Thursday of each month. Please call 805-364-4931 to receive a copy of an Agenda and location of the meeting.

For more information about this report, or any questions relating to your drinking water, please call (805)364-4931 and ask for Robert Eranio.

TERMS USED IN THIS REPORT

Maximum Contaminant Level (MCL): The highest level of contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically 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 risk to health. MCLGs are set by the U.S. Environmental Protection Agency (USEPA).

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.

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.

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.

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

Secondary Drinking Water Standards (SDWS): MCLs for the contaminants that affect taste, odor, or appearance of the drinking water. Contaminants with SDWSs do not affect the health at the MCL levels.

Treatment Technique (TT): A required process intended to reduce the level of a contaminant in drinking water.

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

Level 1 Assessment: A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

Level 2 Assessment: A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.

ND: not detectable at testing limit

mg/L: milligrams per liter or parts per million (ppm)

ug/L: micrograms per liter or parts per billion (ppb)

pCi/L: picocuries per liter (a measure of radiation)

NTU: Nephelometric Turbidity Units

umhos/cm: micro mhos per centimeter

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 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 if 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 the State Water Resource Control Board (State Water Board) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. State Water Board regulations also establish limits for contaminants in bottled water that provide the same protection for public health.

Tables 1, 2, 3, 4, 5, 6, 7, 8 and 9 list all of the drinking water contaminants that were detected during the most recent sampling for the constituent. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. The State Water Board allows us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data, though representative of the water quality, are more than one year old.

Any violation of MCL, AL or MRDL is highlighted. Additional information regarding the violation is provided later in this report.

Table 1 - SAMPLING RESULTS SHOWING THE DETECTION OF LEAD AND COPPER

Lead and Copper (complete if lead or copper detected in last sample set)	**Sample Date**	**No. of Samples**	**90th percentile level detected**	**No. Sites Exceeding AL**	**AL**	**PHG**	**Typical Sources of Contaminant**
Copper (mg/L)	(2021)	10	0.14	0	1.3	.3	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

Table 2 - SAMPLING RESULTS FOR SODIUM AND HARDNESS

Chemical or Constituent (and reporting units)	**Sample Date**	**Average Level Detected**	**Range of Detections**	**MCL**	**PHG (MCLG)**	**Typical Sources of Contaminant**
Sodium (mg/L)	(2021)	101	97 - 104	none	none	Salt present in the water and is generally naturally occurring
Hardness (mg/L)	(2021)	626	620 - 632	none	none	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring

Table 3 - DETECTION OF CONTAMINANTS WITH A PRIMARY DRINKING WATER STANDARD

Chemical or Constituent (and reporting units)	**Sample Date**	**Average Level Detected**	**Range of Detections**	**MCL [MRDL]**	**PHG (MCLG) [MRDLG]**	**Typical Sources of Contaminant**
Arsenic (ug/L)	(2021)	6	2 - 9	10	0.004	Erosion of natural deposits; runoff from orchards, glass and electronics production wastes

Fluoride (mg/L)	(2021)	0.6	n/a	2	1	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories.
Nitrate as N (mg/L)	(2023)	4.8	2.5 - 8.2	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Nitrate + Nitrite as N (mg/L)	(2021)	7.5	7.3 - 7.6	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Selenium (ug/L)	(2023)	29	15 - 44	50	30	Discharge from petroleum, glass, and metal refineries; erosion of natural deposits; discharge from mines and chemical manufacturers; runoff from livestock lots(feed additive)
Gross Alpha (pCi/L)	(2022 - 2023)	14	13.3 - 14.6	15	(0)	Erosion of natural deposits.
Uranium (pCi/L)	(2022 - 2023)	10.9	10.3 - 11.4	20	0.43	Erosion of natural deposits

Table 4 - TREATED DETECTION OF CONTAMINANTS WITH A PRIMARY DRINKING WATER STANDARD

Chemical or Constituent (and reporting units)	**Sample Date**	**Average Level Detected**	**Range of Detections**	**MCL [MRDL]**	**PHG (MCLG) [MRDLG]**	**Typical Sources of Contaminant**
1,2-Dichlorobenzene (o-DCB) (ug/L)	(2022)	2	n/a	600	600	Discharge from industrial chemical factories
1,4-Dichlorobenzene (p-DCB) (ug/L)	(2022)	4.3	n/a	5	6	Discharge from industrial chemical factories
Monochlorobenzene (Chlorobenzene) (ug/L)	(2022)	3.4	n/a	70	70	Discharge from industrial and agricultural chemical factories and dry cleaning facilities

Table 5 - DETECTION OF CONTAMINANTS WITH A SECONDARY DRINKING WATER STANDARD

Chemical or Constituent (and reporting units)	**Sample Date**	**Average Level Detected**	**Range of Detections**	**MCL**	**PHG (MCLG)**	**Typical Sources of Contaminant**
Chloride (mg/L)	(2021)	68	64 - 71	500	n/a	Runoff/leaching from natural deposits; seawater influence
Color (Units)	(2021)	4	ND - 8	15	n/a	Naturally-occurring organic materials
Specific Conductance (umhos/cm)	(2023)	1500	1210 - 1750	1600	n/a	Substances that form ions when in water; seawater influence
Sulfate (mg/L)	(2023)	479	388 - 592	500	n/a	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (mg/L)	(2023)	1144	890 - 1370	1000	n/a	Runoff/leaching from natural deposits
Turbidity (NTU)	(2021)	5.7	ND - 11.3	5	n/a	Soil runoff

Table 6 - DETECTION OF UNREGULATED CONTAMINANTS

Chemical or Constituent (and reporting units)	**Sample Date**	**Average Level Detected**	**Range of Detections**	**Notification Level**	**Typical Sources of Contaminant**
Boron (mg/L)	(2021)	0.7	0.6 - 0.7	1	Boron exposures resulted in decreased fetal weight (developmental effects) in newborn rats.
Vanadium (ug/L)	(2021)	3	2 - 3	50	Vanadium exposures resulted in developmental and reproductive effects in rats.
Perfluorobutane Sulfonic Acid [PFBS] (ng/L)	(2023)	1.3	ND - 3.0	500	n/a

Perfluorohexane Sulfonic Acid [PFHxS] (ng/L)	(2023)	0.3	ND - 2.0	3	n/a

Table 7 - TREATED DETECTION OF UNREGULATED CONTAMINANTS					
Chemical or Constituent (and reporting units)	**Sample Date**	**Average Level Detected**	**Range of Detections**	**Notification Level**	**Typical Sources of Contaminant**
Chloromethane(Methyl Chloride) (ug/L)	(2022)	1.5	n/a	n/a	n/a

Table 8 - ADDITIONAL DETECTIONS					
Chemical or Constituent (and reporting units)	**Sample Date**	**Average Level Detected**	**Range of Detections**	**Notification Level**	**Typical Sources of Contaminant**
Calcium (mg/L)	(2021)	164	161 - 166	n/a	n/a
Magnesium (mg/L)	(2021)	53	n/a	n/a	n/a
pH (units)	(2021)	8	n/a	n/a	n/a
Alkalinity (mg/L)	(2021)	285	280 - 290	n/a	n/a
Aggressiveness Index	(2021)	13.1	n/a	n/a	n/a
Langelier Index	(2021)	1.2	1.1 - 1.2	n/a	n/a

Table 9 - DETECTION OF DISINFECTANT/DISINFECTANT BYPRODUCT RULE							
Chemical or Constituent (and reporting units)	**Sample Date**	**Average Level Detected**	**Range of Detections**	**MCL (MRDL)**	**PHG (MCLG)**	**Violation**	**Typical Sources of Contaminant**
Total Trihalomethanes (TTHMs) (ug/L)	(2023)	4	n/a	80	n/a	No	By-product of drinking water disinfection
Chlorine (mg/L)	(2018)	0.00	n/a	4.0	4.0	No	Drinking water disinfectant added for treatment.
Haloacetic Acids (five) (ug/L)	(2023)	3	n/a	60	n/a	No	By-product of drinking water disinfection

Additional General Information on Drinking Water

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts if some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the USEPA's Safe Drinking Water Hotline (1-800-426-4791).

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. USEPA/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).

Lead Specific Language for Community Water Systems: 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 the service lines and home plumbing. *Rio Manor Mutual Water Co* 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/lead.

Summary Information for Violation of a MCL, MRDL, AL, TT, or Monitoring and Reporting Requirement

VIOLATION OF A MCL,MRDL,AL,TT, OR MONITORING AND REPORTING REQUIREMENT				
Violation	**Explanation**	**Duration**	**Actions Taken To Correct the Violation**	**Health Effects Language**
Specific Conductance				The conductivity of your water was found at levels that exceed the secondary MCL. The secondary MCLs were set to protect you against unpleasant aesthetic affects such as color, taste and odor. Violating this MCL does not pose a risk to public health.
Sulfate				Sulfate was found at levels that exceed the secondary MCL. The Sulfate MCL was set to protect you against unpleasant aesthetic effects such as color, taste or odor. Violating this MCL does not pose a risk to public health.
Total Dissolved Solids				The TDS or Total Dissolved Solids in your water was found at levels that exceed the secondary MCL. The TDS MCLs was set to protect you against unpleasant aesthetic affects such as color, taste or hardness. Violating this MCL does not pose a risk to public health.
Turbidity				Turbidity is Secondary Drinking Water Standards and has found no health effects. However, high levels of turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity may indicate the presence of disease-causing organisms. These organisms include bacteria, viruses, and parasites that can cause symptoms such as nausea, cramps, diarrhea and associated headaches.

About your Arsenic: For Arsenic detected above 5 ug/L (50% of the MCL) but below or equal to 10 ug/L: 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 possible 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.

2023 Consumer Confidence Report

Drinking Water Assessment Information

Assessment Information

A source water assessment was conducted for the WELL 01 of the RIO MANOR MUTUAL WATER CO water system in August, 2001. A source water assessment was conducted for the WELL 03 of the RIO MANOR MUTUAL WATER CO water system in October, 2018.

WELL 01 - is considered most vulnerable to the following activities not associated with any detected contaminants: Chemical & petroleum pipelines, Utility stations, sewer collections systems, Veterinary offices, high density housing, parking lots >50 spaces

WELL 03 - is considered most vulnerable to the following activities not associated with any detected contaminants: Chemical & petroleum pipelines, Utility stations, sewer collections systems, Veterinary offices, high density housing, parking lots >50 spaces.

Acquiring Information

For more info you may visit https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/DWSAP.html or contact the health department in the county to which the water system belongs as indicated on this following link: https://www.waterboards.ca.gov/drinking_water/programs/documents/ddwem/DDWdistrictofficesmap.pdf

Rio Manor Mutual Water Co

Analytical Results By FGL - 2023

LEAD AND COPPER RULE									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	90th Percentile	# Samples
Copper		mg/L		1.3	.3			0.14	10
161 Purdue	SP 2108386-10	mg/L				2021-06-12	0.06		
216 St. Marys Dr.	SP 2108386-2	mg/L				2021-06-23	0.06		
277 Occidental Dr.	SP 2108386-5	mg/L				2021-06-11	0.06		
304 Occidental Dr.	SP 2108386-1	mg/L				2021-06-11	0.10		
313 Vanderbilt Dr.	SP 2108386-9	mg/L				2021-06-11	0.05		
336 Harvard Dr.	SP 2108386-8	mg/L				2021-06-04	ND		
349 Occidental Dr.	SP 2108386-6	mg/L				2021-06-11	0.06		
364 Harvard Dr.	SP 2108386-3	mg/L				2021-06-11	1.11		
379 St. Marys Dr.	SP 2108386-7	mg/L				2021-06-23	0.14		
87 Villanova	SP 2108386-4	mg/L				2021-06-12	ND		

SAMPLING RESULTS FOR SODIUM AND HARDNESS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Sodium		mg/L		none	none			101	97 - 104
WELL 01	SP 2106461-1	mg/L				2021-05-14	97		
WELL 03	SP 2112616-1	mg/L				2021-09-10	104		
Hardness		mg/L		none	none			626	620 - 632
WELL 01	SP 2106461-1	mg/L				2021-05-14	620		
WELL 03	SP 2112616-1	mg/L				2021-09-10	632		

PRIMARY DRINKING WATER STANDARDS (PDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Arsenic		ug/L		10	0.004			6	2 - 9
WELL 01	SP 2106461-1	ug/L				2021-05-14	2		
WELL 03	SP 2112616-1	ug/L				2021-09-10	9		
Fluoride		mg/L		2	1			0.6	0.6 - 0.6
WELL 01	SP 2106461-1	mg/L				2021-05-14	0.6		
WELL 03	SP 2112616-1	mg/L				2021-09-10	0.6		
Nitrate as N		mg/L		10	10			4.8	2.5 - 8.2
WELL 01	SP 2318867-1	mg/L				2023-11-10	2.5		
WELL 01	SP 2318866-1	mg/L				2023-11-10	2.7		
WELL 01	SP 2314193-1	mg/L				2023-08-18	4.9		
WELL 01	SP 2314191-1	mg/L				2023-08-18	5.1		
WELL 01	SP 2308723-1	mg/L				2023-05-26	8.2		
WELL 01	SP 2308722-1	mg/L				2023-05-26	6.9		
WELL 01	SP 2302425-1	mg/L				2023-02-17	7.8		
WELL 01	SP 2302423-1	mg/L				2023-02-17	7.3		
WELL 03	SP 2318868-1	mg/L				2023-11-10	2.7		
WELL 03	SP 2314187-1	mg/L				2023-08-18	3.1		
WELL 03	SP 2311583-1	mg/L				2023-07-07	3.0		
WELL 03	SP 2308720-1	mg/L				2023-05-26	3.7		
WELL 03	SP 2302428-1	mg/L				2023-02-17	3.9		
Nitrate + Nitrite as N		mg/L		10	10			7.5	7.3 - 7.6
WELL 01	SP 2106461-1	mg/L				2021-05-14	7.3		
WELL 03	SP 2112616-1	mg/L				2021-09-10	7.6		
Selenium		ug/L	50	50	30			29	15 - 44
WELL 01	SP 2318866-1	ug/L				2023-11-10	18		
WELL 01	SP 2314191-1	ug/L				2023-08-18	39		
WELL 01	SP 2308723-1	ug/L				2023-05-26	33		
WELL 01	SP 2302423-1	ug/L				2023-02-17	44		

WELL 03	SP 2317269-1	ug/L				2023-10-12	15		
WELL 03	SP 2311583-1	ug/L				2023-07-07	25		
WELL 03	SP 2305615-1	ug/L				2023-04-14	21		
WELL 03	SP 2300968-1	ug/L				2023-01-20	34		
Gross Alpha		pCi/L		15	(0)			14.0	13.3 - 14.6
WELL 01	SP 2202624-1	pCi/L				2022-02-16	14.6		
WELL 03	SP 2303088-1	pCi/L				2023-03-03	13.3		
Uranium		pCi/L		20	0.43			10.9	10.3 - 11.4
WELL 01	SP 2202624-1	pCi/L				2022-02-16	11.4		
WELL 03	SP 2303088-1	pCi/L				2023-03-03	10.3		

TREATED PRIMARY DRINKING WATER STANDARDS (PDWS)

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
1,2-Dichlorobenzene (o-DCB)		ug/L	600	600	600			2.0	2.0 - 2.0
Tank #3	SP 2200149-1	ug/L				2022-01-04	2.0		
1,4-Dichlorobenzene (p-DCB)		ug/L	75	5	6			4.3	4.3 - 4.3
Tank #3	SP 2200149-1	ug/L				2022-01-04	4.3		
Monochlorobenzene (Chlorobenzene)		ug/L	70	70	70			3.4	3.4 - 3.4
Tank #3	SP 2200149-1	ug/L				2022-01-04	3.4		

SECONDARY DRINKING WATER STANDARDS (SDWS)

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Chloride		mg/L		500	n/a			68	64 - 71
WELL 01	SP 2106461-1	mg/L				2021-05-14	64		
WELL 03	SP 2112616-1	mg/L				2021-09-10	71		
Color		Units		15	n/a			4	ND - 8
WELL 01	SP 2106461-1	Units				2021-05-14	8		
WELL 03	SP 2112616-1	Units				2021-09-10	ND		
Specific Conductance		umhos/cm		1600	n/a			1500	1210 - 1750
WELL 01	SP 2318866-1	umhos/cm				2023-11-10	1210		
WELL 01	SP 2314191-1	umhos/cm				2023-08-18	1510		
WELL 01	SP 2308723-1	umhos/cm				2023-05-26	1750		
WELL 01	SP 2302423-1	umhos/cm				2023-02-17	1750		
WELL 03	SP 2318868-1	umhos/cm				2023-11-10	1330		
WELL 03	SP 2314187-1	umhos/cm				2023-08-18	1420		
WELL 03	SP 2308720-1	umhos/cm				2023-05-26	1480		
WELL 03	SP 2302428-1	umhos/cm				2023-02-17	1550		
Sulfate		mg/L		500	n/a			479	388 - 592
WELL 01	SP 2318866-1	mg/L				2023-11-10	388		
WELL 01	SP 2314191-1	mg/L				2023-08-18	478		
WELL 01	SP 2308723-1	mg/L				2023-05-26	592		
WELL 01	SP 2302423-1	mg/L				2023-02-17	575		
WELL 03	SP 2318868-1	mg/L				2023-11-10	433		
WELL 03	SP 2314187-1	mg/L				2023-08-18	449		
WELL 03	SP 2308720-1	mg/L				2023-05-26	467		
WELL 03	SP 2302428-1	mg/L				2023-02-17	452		
Total Dissolved Solids		mg/L		1000	n/a			1144	890 - 1370
WELL 01	SP 2318866-1	mg/L				2023-11-10	890		
WELL 01	SP 2314191-1	mg/L				2023-08-18	1150		
WELL 01	SP 2308723-1	mg/L				2023-05-26	1340		
WELL 01	SP 2302423-1	mg/L				2023-02-17	1370		
WELL 03	SP 2318868-1	mg/L				2023-11-10	1050		
WELL 03	SP 2314187-1	mg/L				2023-08-18	1090		
WELL 03	SP 2308720-1	mg/L				2023-05-26	1090		
WELL 03	SP 2302428-1	mg/L				2023-02-17	1170		
Turbidity		NTU		5	n/a			5.7	ND - 11.3
WELL 01	SP 2106461-1	NTU				2021-05-14	11.3		

WELL 03	SP 2112616-1	NTU				2021-09-10	ND		

UNREGULATED CONTAMINANTS

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Boron		mg/L		NS	n/a			0.7	0.6 - 0.7
WELL 01	SP 2106461-1	mg/L				2021-05-14	0.7		
WELL 03	SP 2112616-1	mg/L				2021-09-10	0.6		
Vanadium		ug/L		NS	n/a			3	2 - 3
WELL 01	SP 2106461-1	ug/L				2021-05-14	3		
WELL 03	SP 2112616-1	ug/L				2021-09-10	2		
Perfluorobutane Sulfonic Acid [PFBS]		ng/L		NS	n/a			1.3	ND - 3.0
WELL 01	SP 2316502-1	ng/L				2023-10-02	2.6		
WELL 01	SP 2316380-1	ng/L				2023-09-27	2.2		
WELL 01	SP 2305610-1	ng/L				2023-04-14	ND		
WELL 01	SP 2301320-1	ng/L				2023-01-27	ND		
WELL 03	SP 2316502-3	ng/L				2023-10-02	ND		
WELL 03	SP 2316380-3	ng/L				2023-09-27	ND		
WELL 03	SP 2305610-3	ng/L				2023-04-14	2.3		
WELL 03	SP 2301320-3	ng/L				2023-01-27	3.0		
Perfluorohexane Sulfonic Acid [PFHxS]		ng/L		NS	n/a			0.3	ND - 2.0
WELL 01	SP 2316502-1	ng/L				2023-10-02	ND		
WELL 01	SP 2316380-1	ng/L				2023-09-27	ND		
WELL 01	SP 2305610-1	ng/L				2023-04-14	ND		
WELL 01	SP 2301320-1	ng/L				2023-01-27	ND		
WELL 03	SP 2316502-3	ng/L				2023-10-02	ND		
WELL 03	SP 2316380-3	ng/L				2023-09-27	ND		
WELL 03	SP 2305610-3	ng/L				2023-04-14	ND		
WELL 03	SP 2301320-3	ng/L				2023-01-27	2.0		

TREATED UNREGULATED CONTAMINANTS

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Chloromethane(Methyl Chloride)		ug/L		NS	n/a			1.5	1.5 - 1.5
Tank #3	SP 2200149-1	ug/L				2022-01-04	1.5		

ADDITIONAL DETECTIONS

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Calcium		mg/L			n/a			164	161 - 166
WELL 01	SP 2106461-1	mg/L				2021-05-14	161		
WELL 03	SP 2112616-1	mg/L				2021-09-10	166		
Magnesium		mg/L			n/a			53	53 - 53
WELL 01	SP 2106461-1	mg/L				2021-05-14	53		
WELL 03	SP 2112616-1	mg/L				2021-09-10	53		
pH		units			n/a			8.0	8.0 - 8.0
WELL 01	SP 2106461-1	units				2021-05-14	8.0		
WELL 03	SP 2112616-1	units				2021-09-10	8.0		
Alkalinity		mg/L			n/a			285	280 - 290
WELL 01	SP 2106461-1	mg/L				2021-05-14	280		
WELL 03	SP 2112616-1	mg/L				2021-09-10	290		
Aggressiveness Index					n/a			13.1	13.1 - 13.1
WELL 01	SP 2106461-1					2021-05-14	13.1		
WELL 03	SP 2112616-1					2021-09-10	13.1		
Langelier Index					n/a			1.2	1.1 - 1.2
WELL 01	SP 2106461-1					2021-05-14	1.1		
WELL 03	SP 2112616-1					2021-09-10	1.2		

DETECTION OF DISINFECTANT/DISINFECTANT BYPRODUCT RULE

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Total Trihalomethanes (TTHMs)		ug/L		80	n/a			4	4 - 4
304 OCCIDENTAL DRIVE - STG 2 D	SP 2314188-1	ug/L				2023-08-18	4		
Average 304 OCCIDENTAL DRIVE - STG 2 D								4	
Chlorine		mg/L		4.0	4.0			0.00	-
WELL 03	SP 1812962-1	mg/L				2018-09-26	N/D		
Average WELL 03								0	
Haloacetic Acids (five)		ug/L		60	n/a			3	3 - 3
304 OCCIDENTAL DRIVE - STG 2 D	SP 2314188-1	ug/L				2023-08-18	3		
Average 304 OCCIDENTAL DRIVE - STG 2 D								3	

Rio Manor Mutual Water Co

CCR Login Linkage - 2023

FGL Code	Lab ID	Date_Sampled	Method	Description	Property
161 Purdue	SP 2108386-10	2021-06-12	Metals, Total	161 Purdue	Lead & Copper Monitoring
216 St. Mary's	SP 2108386-2	2021-06-23	Metals, Total	216 St. Marys Dr.	Lead & Copper Monitoring
277 Occidental	SP 2108386-5	2021-06-11	Metals, Total	277 Occidental Dr.	Lead & Copper Monitoring
304 Occidental	SP 2300950-1	2023-01-20	Coliform	304 Occidental	Bacteriological Monitoring
	SP 2301319-1	2023-01-27	Coliform	304 Occidental	Bacteriological Monitoring
	SP 2302427-1	2023-02-17	Coliform	304 Occidental	Bacteriological Monitoring
	SP 2302782-1	2023-02-24	Coliform	304 Occidental	Bacteriological Monitoring
	SP 2303087-1	2023-03-03	Coliform	304 Occidental	Bacteriological Monitoring
	SP 2304657-1	2023-03-30	Coliform	304 Occidental	Bacteriological Monitoring
	SP 2305613-1	2023-04-14	Coliform	304 Occidental	Bacteriological Monitoring
	SP 2306533-1	2023-04-27	Coliform	304 Occidental	Bacteriological Monitoring
	SP 2308320-1	2023-05-18	Coliform	304 Occidental	Bacteriological Monitoring
	SP 2308721-1	2023-05-26	Coliform	304 Occidental	Bacteriological Monitoring
	SP 2309664-1	2023-06-09	Coliform	304 Occidental	Bacteriological Monitoring
	SP 2310547-1	2023-06-21	Coliform	304 Occidental	Bacteriological Monitoring
	SP 2311584-1	2023-07-07	Coliform	304 Occidental	Bacteriological Monitoring
	SP 2312514-1	2023-07-21	Coliform	304 Occidental	Bacteriological Monitoring
	SP 2312852-1	2023-07-27	Coliform	304 Occidental	Bacteriological Monitoring
	SP 2313780-1	2023-08-11	Coliform	304 Occidental	Bacteriological Monitoring
	SP 2314190-1	2023-08-18	Coliform	304 Occidental	Bacteriological Monitoring
	SP 2316189-1	2023-09-22	Coliform	304 Occidental	Bacteriological Monitoring
	SP 2316383-1	2023-09-27	Coliform	304 Occidental	Bacteriological Monitoring
	SP 2317268-1	2023-10-12	Coliform	304 Occidental	Bacteriological Monitoring
	SP 2318135-1	2023-10-26	Coliform	304 Occidental	Bacteriological Monitoring
	SP 2318869-1	2023-11-10	Coliform	304 Occidental	Bacteriological Monitoring
	SP 2319578-1	2023-11-27	Coliform	304 Occidental	Bacteriological Monitoring
	SP 2320642-1	2023-12-15	Coliform	304 Occidental	Bacteriological Monitoring
	SP 2320965-1	2023-12-22	Coliform	304 Occidental	Bacteriological Monitoring
	SP 2108386-1	2021-06-11	Metals, Total	304 Occidental Dr.	Lead & Copper Monitoring
DBP2 304 OCCIDE	SP 2314188-1	2023-08-18	EPA 551.1	304 OCCIDENTAL DRIVE - STG 2 D	Stage 2 DBP Monitoring
	SP 2314188-1	2023-08-18	EPA 552.2	304 OCCIDENTAL DRIVE - STG 2 D	Stage 2 DBP Monitoring
313 Vanderbilt	SP 2108386-9	2021-06-11	Metals, Total	313 Vanderbilt Dr.	Lead & Copper Monitoring
336 Harvard Dr.	SP 2108386-8	2021-06-04	Metals, Total	336 Harvard Dr.	Lead & Copper Monitoring
349 Occidental	SP 2108386-6	2021-06-11	Metals, Total	349 Occidental Dr.	Lead & Copper Monitoring
364 Harvard Dr.	SP 2108386-3	2021-06-11	Metals, Total	364 Harvard Dr.	Lead & Copper Monitoring
379 St. Mary's	SP 2108386-7	2021-06-23	Metals, Total	379 St. Marys Dr.	Lead & Copper Monitoring
87 Villanova	SP 2108386-4	2021-06-12	Metals, Total	87 Villanova	Lead & Copper Monitoring
Tank #3	SP 2200149-1	2022-01-04	EPA 524.2	Tank #3	Tank Rehab Testing
Well 1	SP 2106461-1	2021-05-14	General Mineral	WELL 01	Well 1 - Water Quality
	SP 2106461-1	2021-05-14	Metals, Total	WELL 01	Well 1 - Water Quality
	SP 2106461-1	2021-05-14	Wet Chemistry	WELL 01	Well 1 - Water Quality
	SP 2202624-1	2022-02-16	Radio Chemistry	WELL 01	Well 1 - Radio Monitoring
	SP 2202624-1	2022-02-16	Metals, Total	WELL 01	Well 1 - Radio Monitoring
	SP 2301320-1	2023-01-27		WELL 01	PFAS Moniitoring
	SP 2302425-1	2023-02-17	Wet Chemistry	WELL 01	RIO MANOR MUTUAL WATER CO
	SP 2302423-1	2023-02-17	Wet Chemistry	WELL 01	Well 01 - Quartely Sampling
	SP 2302423-1	2023-02-17	Metals, Total	WELL 01	Well 01 - Quartely Sampling
	SP 2305610-1	2023-04-14		WELL 01	PFAS Moniitoring
	SP 2308722-1	2023-05-26	Wet Chemistry	WELL 01	Well 1 - Water Quality
	SP 2308723-1	2023-05-26	Wet Chemistry	WELL 01	Well 01 - Quartely Sampling
	SP 2308723-1	2023-05-26	Metals, Total	WELL 01	Well 01 - Quartely Sampling
	SP 2314191-1	2023-08-18	Metals, Total	WELL 01	Well 01 - Quartely Sampling
	SP 2314193-1	2023-08-18	Wet Chemistry	WELL 01	Well 1 - Water Quality
	SP 2314191-1	2023-08-18	Wet Chemistry	WELL 01	Well 01 - Quartely Sampling

	SP 2316380-1	2023-09-27		WELL 01	PFAS Moniitoring
	SP 2316502-1	2023-10-02		WELL 01	PFAS Moniitoring
	SP 2318867-1	2023-11-10	Wet Chemistry	WELL 01	Well 1 - Water Quality
	SP 2318866-1	2023-11-10	Wet Chemistry	WELL 01	Well 01 - Quartely Sampling
	SP 2318866-1	2023-11-10	Metals, Total	WELL 01	Well 01 - Quartely Sampling
5610035-006	SP 1812962-1	2018-09-26	Field Test	WELL 03	New Well 3 - Title 22
Well 3	SP 2112616-1	2021-09-10	Wet Chemistry	WELL 03	Well 3 - Water Quality
	SP 2112616-1	2021-09-10	General Mineral	WELL 03	Well 3 - Water Quality
	SP 2112616-1	2021-09-10	Metals, Total	WELL 03	Well 3 - Water Quality
	SP 2300968-1	2023-01-20	Metals, Total	WELL 03	Well 3 - Water Quality
	SP 2301320-3	2023-01-27		WELL 03	PFAS Moniitoring
	SP 2302428-1	2023-02-17	Wet Chemistry	WELL 03	Well 03 - Quarterly Sampling
	SP 2303088-1	2023-03-03	Radio Chemistry	WELL 03	Well 3 - Radio/TCP
	SP 2303088-1	2023-03-03	Metals, Total	WELL 03	Well 3 - Radio/TCP
	SP 2305615-1	2023-04-14	Metals, Total	WELL 03	Well 3 - Water Quality
	SP 2305610-3	2023-04-14		WELL 03	PFAS Moniitoring
	SP 2308720-1	2023-05-26	Wet Chemistry	WELL 03	Well 03 - Quarterly Sampling
	SP 2311583-1	2023-07-07	Wet Chemistry	WELL 03	Well 3 - Water Quality
	SP 2311583-1	2023-07-07	Metals, Total	WELL 03	Well 3 - Water Quality
	SP 2314187-1	2023-08-18	Wet Chemistry	WELL 03	Well 03 - Quarterly Sampling
	SP 2316380-3	2023-09-27		WELL 03	PFAS Moniitoring
	SP 2316502-3	2023-10-02		WELL 03	PFAS Moniitoring
	SP 2317269-1	2023-10-12	Metals, Total	WELL 03	Well 3 - Water Quality
	SP 2318868-1	2023-11-10	Wet Chemistry	WELL 03	Well 03 - Quarterly Sampling