JORDAN VALLEY WATER
CONSERVANCY DISTRICT

Consumer Confidence Report
2024

Este informe contiene información importante acerca de su agua potable.
Haga que alguien lo traduzca para usted, o hable con alguien que lo entienda.

Your Water is in Good Hands

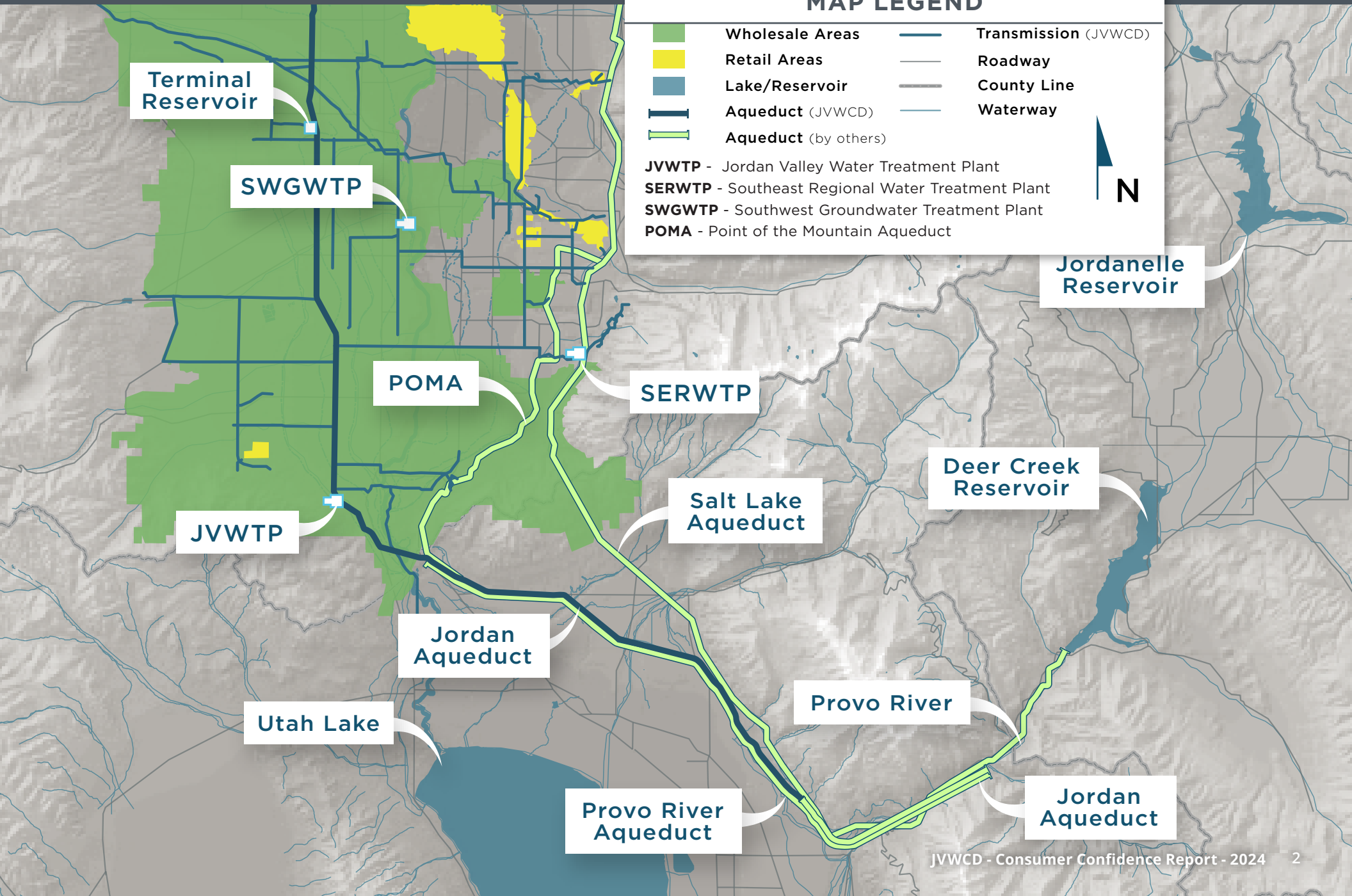
Jordan Valley Water Conservancy District (JVWCD) performs regular testing of our water so you can be confident using the water from your tap. Based on the extensive testing we performed throughout 2024, we are in compliance with water quality standards established by the Environmental Protection Agency (EPA) and state agencies. Additionally, our advanced treatment processes allow us to meet internal standards that are even more stringent than what is required by law.

In addition to testing, JVWCD has developed state-approved groundwater and surface water protection programs for its water sources. These programs develop partnerships to prevent potential contamination of drinking water sources.

JVWCD is proud of the quality water and service we provide every day.

JORDAN VALLEY WATER
CONSERVANCY DISTRICT

Sources and Treatment Plants



Water Quality Testing

The testing results on the following pages include all parameters required by state and federal agencies for 2024. Additionally we test for parameters above and beyond those required to ensure the water we provide is of the highest quality. These results are also included.

Scan the QR code to see a video of our testing process.

Notes

Annual monitoring isn't required for parameters with 'Last Sampled' years marked with an '' since concentration levels are typically slow to change.*

Secondary Standards (SS or NSDWR) are non-enforceable guidelines regulating contaminants that may cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste, odor, or color) in drinking water. EPA recommends secondary standards to water systems but does not require systems to comply with the standard.

Water Quality Data

Units, and Abbreviations

Units

CU: Color Unit
Cysts/1L: Cysts per one liter
mg/L: milligrams per liter
MPN/mL: most probable number per milliliter
MFL: millions of fibers per liter
ng/L: nanograms per liter
NTU: Nephelometric Turbidity Unit
Oocysts/1L: Oocysts per one liter
pCi/L: picocuries per liter
pg/L: picograms per liter
ppm: parts per million
TON: Threshold Odor Unit
ug/L: micrograms per liter
umhos/cm: micro ohms per centimeter
1/cm: one per centimeter

Abbreviations

AL: Action Level
HAA5s: Five Haloacetic Acids
HPC: Heterotrophic Plate Count
MCL: Maximum Contaminant Level
MCLG: Maximum Contaminant Level Goal
NA: Not Applicable
ND: None Detected
NE: Not Established
PCBs: Polychlorinated Biphenyls
SOCs: Synthetic Organic Chemicals
SS: Secondary Standard
TT: Treatment Technique
TTHM: Total Trihalomethanes
UV: Ultraviolet
UR: Unregulated
VOCs: Volatile Organic Compounds

Regulated Parameters - Detected *(Required report)*

While all regulated parameters are tested for, only those that are found are reported. The parameters in this table were found in water testing in 2024. All items were within acceptable limits, with no violations.

Parameter	2024 Avg.	2024 Max.	2024 Min.	Monitoring Criteria			Last Sampled	Comments/Likely Source
				MCL	MCLG	Violation		
DISINFECTANTS / DISINFECTION BY-PRODUCTS								
Chlorine (mg/L)	0.8	1.2	0.05	4.0	NE	No	2024	Drinking water disinfectant
Chlorine Dioxide (ug/L)	12	470	ND	800	NE	No	2024	Drinking water disinfectant
Chlorite (mg/L)	0.36	0.70	0.2	1.00	0.80	No	2024	By-product of drinking water disinfection
HAA5s (ug/L)	18.3	57.1	ND	60.0	NE	No	2024	High result is not a violation, violation is determined on annual location average. By-product of drinking water disinfection
HAA6 (ug/L)	38.7	70.9	14.0	UR	NE	No	2023*	By-product of drinking water disinfection
Highest Annual Location-Wide Avg.(ug/L)	TTHM = 50.9 ug/L, HAA5s = 33.8 ug/L							
TTHMs (ug/L)	25.6	66.3	ND	80.0	NE	No	2024	By-product of drinking water disinfection
LEAD and COPPER (tested at the consumer's tap) - monitoring required every 3 years.								
Copper (ug/L)	0.132	0.545	0.009	AL = 1300	NE	No	2022*	Naturally occuring
Lead (ug/L)	0.002	0.010	ND	AL = 15	NE	No	2022*	Naturally occuring
90th Percentile	Lead = 0.0058 ppm, Copper = 0.2520 ppm						2022*	Concentration of natural, UV-absorbing organic compounds
# of sites above Action Level	Lead = 0, Copper = 0						2022*	Concentration of natural, UV-absorbing organic compounds
MICROBIOLOGICAL								
HPC (MPN/mL)	0.7	2.0	ND	500.0	0.0	No	2024	Used to measure the overall bacteriological quality of drinking water
ORGANIC MATERIAL								
Dissolved Organic Carbon (mg/L)	2.0	2.8	0.7	TT	NE	No	2024	Naturally occuring
Total Organic Carbon (mg/L)	2.05	3.7	ND	TT	NE	No	2024	Naturally occuring
UV-254 (1/cm)	0.03	0.05	0.01	UR	NE	No	2024	Concentration of natural, UV-absorbing organic compounds

Water Quality Data *Cont.*

Parameter	2024 Avg.	2024 Max.	2024 Min.	Monitoring Criteria			Last Sampled	Comments/Likely Source
				MCL	MCLG	Violation		
PESTICIDES/PCBs/SOCs								
Bis (2ethylhexyl) Phthalate (ug/L)	0.05	1.3	ND	6.0	0.0	No	2024	Discharge from rubber and chemical factories
PRIMARY INORGANICS								
Antimony (ug/L)	0.004	0.70	ND	6.00	6.00	No	2024	Discharge from petroleum refineries, fire retardants, ceramics, electronics, solder
Arsenic (ug/L)	1.1	4.3	ND	10.0	0.0	No	2024	Erosion of naturally occuring deposits and runoff from orchards
Barium (ug/L)	52.4	111	ND	2000	2000	No	2024	Erosion of natural deposits
Chromium (ug/L)	0.1	2.6	ND	100.0	100.0	No	2024	Discharge from steel and pulp mills, erosion of natural deposits
Copper (ug/L)	0.8	34	ND	NE	NE	No	2024	Erosion of natural deposits
Cyanide, Free (ug/L)	0.6	3.7	ND	200.0	200.0	No	2023*	Discharge from steel/metal, plastic, and fertilizer factories
Fluoride (mg/L)	0.49	1.73	ND	4.0	4.0	No	2024	Erosion of natural deposits from fertilizers, fluoride added at source
Lead (ug/L)	0.002	0.6	ND	NE	NE	No	2024	Erosion of natural deposits
Nickel (ug/L)	0.3	3	ND	NE	NE	No	2024	Erosion of natural deposits
Nitrate (mg/L)	1.07	2.9	ND	10.0	10.0	No	2024	Fertilizer runoff, leaching septic tanks, and natural organic material
Selenium (ug/L)	0.3	2.4	ND	50.0	50.0	No	2024	Erosion of natural deposits
Sodium (mg/L)	21.7	74.2	8.0	NE	NE	No	2024	Erosion of natural deposits and runoff from road deicing
Sulfate (mg/L)	63.6	239	13.5	1000	NE	No	2024	Erosion of natural deposits
TDS (mg/L)	292	652	28	2000	NE	No	2024	Erosion of natural deposits
Turbidity - Groundwater (NTU)	0.13	0.41	0.01	5.0	NE	No	2023*	Soil runoff (MCL is 5.0 for groundwater)
Turbidity - Surface Water (NTU)	0.03	0.17	0.01	0.3	TT	No	2024	Soil runoff (MCL is 0.3 NTU 95% of the time for surface water)
Lowest Monthly % Meeting Turbidity (%)	100% (Treatment Technique requirement applies only to treated surface water sources)							
PROTOZOA (sampled at source water)								
Giardia (Cysts/1L)	1.5	7.0	ND	TT	0.00	No	2017*	Enters lakes and rivers through sewage and animal waste
RADIOLOGICAL								
Radium 226 (pCi/L)	0.3	1.3	ND	NE	NE	No	2023*	Decay of natural and man-made deposits
Radium 228 (pCi/L)	0.3	1.3	-0.3	NE	NE	No	2024	Decay of natural and man-made deposits
Gross-Alpha (pCi/L)	2.3	6	0.5	15.0	NE	No	2024	Decay of natural and man-made deposits
Gross-Beta (pCi/L)	4	11	0.9	50.0	NE	No	2024	Decay of natural and man-made deposits
Uranium (ug/L)	3.7	7.5	0.004	30.0	NE	No	2023*	Decay of natural and man-made deposits
SECONDARY INORGANICS - Aesthetic standards								
Aluminum (ug/L)	2.8	35.7	ND	SS = 50-200	NE	No	2024	Erosion of natural deposits and treatment residuals
Chloride (mg/L)	46.6	161	12.5	SS = 250	NE	No	2024	Erosion of natural deposits
Color (CU)	4.11	10	0.12	SS = 15	NE	No	2022*	Decaying natural organic material and suspended particles
Iron (ug/L)	6.3	70	ND	SS = 300	NE	No	2024	Erosion of natural deposits
Manganese (ug/L)	1.9	34	ND	SS = 50	NE	No	2024	Erosion of natural deposits

Water Quality Data *Cont.*

Parameter	2024 Avg.	2024 Max.	2024 Min.	Monitoring Criteria			Last Sampled	Comments/Likely Source
				MCL	MCLG	Violation		
SECONDARY INORGANICS - Aesthetic standards *(cont.)*								
pH	7.62	8.78	6.97	SS = 6.5-8.5	NE	No	2024	Natural and affected by chemical treatment
Zinc (ug/L)	0.06	2.8	ND	SS = 5000	NE	No	2024	Erosion of natural deposits
VOCs								
Chloroform (ug/L)	6.1	29.1	ND	UR	NE	No	2024	By-product of drinking water disinfection
Dibromochloromethane (ug/L)	0.76	5.13	ND	UR	NE	No	2024	By-product of drinking water disinfection
Bromodichloromethane (ug/L)	1.9	7.1	ND	UR	NE	No	2024	By-product of drinking water disinfection
54 other VOCs (ug/L)	1.12	31.27	ND	Various	Various	No	2024	Various sources.

Regulated Parameters - Non-detected *(Voluntary report)*

These required parameters were tested for in 2024, but not detected. They are included just for your information.

Parameter	2024 Avg.	2024 Max.	2024 Min.	Monitoring Criteria			Last Sampled	Comments/Likely Source
				MCL	MCLG	Violation		
DISINFECTANTS / DISINFECTION BY-PRODUCTS								
Bromate (ug/L)	ND	ND	ND	10.0	NE	No	2024	By-product of drinking water disinfection
MICROBIOLOGICAL								
Total Coliform (% positive per month)	0.00%	0.00%	0.00%	Not >5%	0.00	No	2024	Human and animal fecal waste, naturally occurring in the environment. MCL is for monthly compliance; repeat samples were negative
PRIMARY INORGANICS								
Asbestos (MFL)	ND	ND	ND	7.0	7.0	No	2021*	Decay of asbestos cement in water mains; erosion of natural deposits
Beryllium (ug/L)	ND	ND	ND	4	4	No	2024	Discharge from metal refineries and coal burning factories
Cadmium (ug/L)	ND	ND	ND	5.00	5.00	No	2024	Corrosion of galvanized pipes; erosion of natural deposits
Mercury (ug/L)	ND	ND	ND	2.00	2.00	No	2024	Erosion of naturally occurring deposits and runoff from landfills
Nitrite (mg/L)	ND	ND	ND	1.0	1.0	No	2024	Runoff from fertilizer, leaching from septic tanks, organic material
PROTOZOA (sampled at source water)								
Cryptosporidium (Ooocysts/1L)	ND	ND	ND	TT	0.00	No	2017*	Parasite that enters lakes and rivers through sewage and animal waste
RADIOLOGICAL								
Radon (pCi/L)	ND	ND	ND	NE	NE	No	2020*	Naturally occurring in soil
SECONDARY INORGANICS - Aesthetic standards								
Odor (TON)	ND	ND	ND	SS = 3	NE	No	2022*	Various sources
Silver (ug/L)	ND	ND	ND	SS = 100	NE	No	2024	Erosion of naturally occurring deposits
VOCs								
Bromoform (ug/L)	ND	ND	ND	UR	NE	No	2024	By-product of drinking water disinfection

Water Quality Data *Cont.*

Unregulated Parameters - Detected and Non-Detected *(Voluntary report)*

We test for a variety of other parameters not required by law. These parameters were either detected within acceptable limits or not detected in our testing in 2024. Unregulated items are not subject to violations.

Parameter	2024 Avg.	2024 Max.	2024 Min.	Monitoring Criteria			Last Sampled	Comments/Likely Source
				MCL	MCLG	Violation		
UNREGULATED PARAMETERS DETECTED - Monitoring not required								
Alkalinity, Bicarbonate (mg/L)	160.2	225.0	102.0	UR	NE	No	2024	Naturally occurring
Alkalinity, Total (CaCo3) (mg/L)	112.9	225.0	14.0	UR	NE	No	2024	Naturally occurring
Ammonia (mg/L)	0.30	0.30	0.30	UR	NE	No	2018*	Runoff from fertilizer and naturally occurring
Bromide (ug/L)	8.0	12.9	ND	UR	NE	No	2024	Naturally occurring
Boron (ug/L)	35.0	39.0	31.0	UR	NE	No	2018*	Erosion of natural deposits
Calcium (mg/L)	48	86.6	22.7	UR	NE	No	2024	Erosion of natural deposits
Conductance (umhos/cm)	468.7	1100.0	56.0	UR	NE	No	2024	Naturally occurring
Cyanide, Total (ug/L)	0.44	3	ND	UR	NE	No	2024	Steel/metal, plastic, and fertilizer factory discharges
Geosmin (ng/L)	1.9	22.2	ND	UR	NE	No	2024	Naturally occurring organic compound associated with musty odor
Hardness, Calcium (mg/L)	114.6	183.3	12.0	UR	NE	No	2024	Erosion of natural deposits
Hardness, Total (mg/L)	193.3	381.0	6.0	UR	NE	No	2024	Erosion of natural deposits
Magnesium (mg/L)	17.4	41.3	ND	UR	NE	No	2024	Erosion of natural deposits
Molybdenum (ug/L)	0.69	3.88	ND	UR	NE	No	2024	By-product of copper and tungsten mining
Orthophosphates (ug/L)	16.55	100	ND	UR	NE	No	2024	Erosion of natural deposits
Potassium (mg/L)	2.4	10.9	ND	UR	NE	No	2024	Erosion of natural deposits
TSS (Total Suspended Solids) (mg/L)	0.02	0.16	ND	UR	NE	No	2024	Erosion of natural deposits
Turbidity (Distribution System) (NTU)	0.21	0.75	ND	UR	NE	No	2024	Suspended material from soil runoff
UNREGULATED PARAMETERS NON-DETECTED - Monitoring not required								
Alkalinity, Carbonate (mg/L)	ND	ND	ND	UR	NE	No	2024	Naturally occurring
Alkalinity, Hydroxide (mg/L)	ND	ND	ND	UR	NE	No	2024	Naturally occurring
Chemical Oxygen Demand (mg/L)	ND	ND	ND	UR	NE	No	2014*	Measures amount of organic compounds in water, naturally ocurring
Chloropicrin (ug/L)	ND	ND	ND	UR	NE	No	2014*	Antimicrobial, fungicide chemical compound
Cobalt (mg/L)	ND	ND	ND	UR	NE	No	2022*	Erosion of naturally occurring deposits
Dioxin (pg/L)	ND	ND	ND	UR	NE	No	2009*	Industrial discharge from factories
Chromium VI (mg/L)	ND	ND	ND	UR	NE	No	2011*	Industrial runoff and naturally occuring
Oil & Grease (mg/L)	ND	ND	ND	UR	NE	No	2016*	From natural underground deposits or from man made lubricants
Silica (Silicon Dioxide)(mg/L)	ND	ND	ND	UR	NE	No	2020*	Erosion of naturally occurring deposits

Water Quality Data *Cont.*

Unregulated Contaminant Monitoring Rule

The table below lists all of the Unregulated Contaminant Monitoring Rule parameters detected in the drinking water provided by JVWCD or its suppliers during 2024. The presence of these parameters does not necessarily indicate that the water poses a health risk.

Parameter	2024 Avg.	2024 Max.	2024 Min.	Monitoring Criteria			Last Sampled	Comments/Likely Source
				MCL	MCLG	Violation		
UNREGULATED PERAMETERS								
Lithium, Total (ug/L)	13.24	92	ND	UR	NE	No	2024	The Unregulated Contaminant Monitoring Rule (UCMR) is a monitoring program mandated by EPA. It requires public water systems to monitor various sites every three (3) years for different parameters selected by EPA. This rule collects occurrence data on parameters that EPA is considering for regulation. EPA may include parameters that already have an MCL, but they would like to know the occurrence of it at significantly lower levels than the current analytical method allows. These numbers represent samples taken during the monitoring period which began in 2023 and will conclude in 2025.
perfluorobutanoic acid (PFBA) (ug/L)	ND	ND	ND	UR	NE	No	2024	
perfluoro-3-methoxypropanoic acid (PFMPA) (ug/L)	ND	ND	ND	UR	NE	No	2024	
perfluoropentanoic acid (PFPeA) (ug/L)	ND	ND	ND	UR	NE	No	2024	
perfluorobutanesulfonic acid (PFBS) (ug/L)	ND	ND	ND	UR	NE	No	2024	
perfluoro-4-methoxybutanoic acid (PFMBA) (ug/L)	ND	ND	ND	UR	NE	No	2024	
perfluoro(2-ethoxyethane)sulfonic acid (PFEESA) (ug/L)	ND	ND	ND	UR	NE	No	2024	
nonafluoro-3,6-dioxaheptanoic acid (NFDHA) (ug/L)	ND	ND	ND	UR	NE	No	2024	
1H,1H, 2H, 2H-perfluorohexane sulfonic acid (4:2FTS) (ug/L)	ND	ND	ND	UR	NE	No	2024	
perfluorohexanoic acid (PFHxA) (ug/L)	ND	ND	ND	UR	NE	No	2024	
perfluoropentanesulfonic acid (PFPeS) (ug/L)	ND	ND	ND	UR	NE	No	2024	
hexafluoropropylene oxide dimer acid (HFPO DA) (ug/L)	ND	ND	ND	UR	NE	No	2024	
perfluoroheptanoic acid (PFHpA) (ug/L)	ND	ND	ND	UR	NE	No	2024	
perfluorohexanesulfonic acid (PFHxS) (ug/L)	ND	ND	ND	UR	NE	No	2024	
4,8-dioxa-3H-perfluorononanoic acid (ADONA) (ug/L)	ND	ND	ND	UR	NE	No	2024	
1H,1H, 2H, 2H-perfluorooctane sulfonic acid (6:2FTS) (ug/L)	ND	ND	ND	UR	NE	No	2024	
perfluoroheptanesulfonic acid (PFHpS) (ug/L)	ND	ND	ND	UR	NE	No	2024	
perfluorooctanoic acid (PFOA) (ug/L)	ND	ND	ND	UR	NE	No	2024	
perfluorononanoic acid (PFNA) (ug/L)	ND	ND	ND	UR	NE	No	2024	
perfluorooctanesulfonic acid (PFOS) (ug/L)	ND	ND	ND	UR	NE	No	2024	
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS) (ug/L)	ND	ND	ND	UR	NE	No	2024	
perfluorodecanoic acid (PFDA) (ug/L)	ND	ND	ND	UR	NE	No	2024	
1H,1H, 2H, 2H-perfluorodecane sulfonic acid (8:2FTS) (ug/L)	ND	ND	ND	UR	NE	No	2024	
perfluoroundecanoic acid (PFUnA) (ug/L)	ND	ND	ND	UR	NE	No	2024	

Water Quality Data *Cont.*

Parameter	2024 Avg.	2024 Max.	2024 Min.	Monitoring Criteria			Last Sampled	Comments/Likely Source
				MCL	MCLG	Violation		
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) (ug/L)	ND	ND	ND	UR	NE	No	2024	
perfluorododecanoic acid (PFDoA) (ug/L)	ND	ND	ND	UR	NE	No	2024	
n-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA) (ug/L)	ND	ND	ND	UR	NE	No	2024	
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA) (ug/L)	ND	ND	ND	UR	NE	No	2024	
perfluorotridecanoic acid (PFTrDA) (ug/L)	ND	ND	ND	UR	NE	No	2024	
perfluorotetradecanoic acid (PFTA) (ug/L)	ND	ND	ND	UR	NE	No	2024	

A Message From the EPA

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 EPA **Safe Drinking Water Hotline: (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. EPA/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: (800) 426-4791.**

Cryptosporidium

Cryptosporidium is a naturally-occurring, microscopic organism that may enter lakes and rivers from the fecal matter of humans or infected domestic and wild animals. When healthy adults are exposed to Cryptosporidium through the food or water they ingest, it can cause diarrhea, fever, and stomach pains. For individuals with compromised immune systems, exposure to Cryptosporidium may pose a more serious health threat.

We are committed to providing protection against Cryptosporidium and other microorganisms by using a multi-barrier treatment approach. Although we are already meeting all EPA Cryptosporidium requirements with existing facilities and technologies, we will continue to pursue new technologies that may provide improved protection.

Radon

Radon is a colorless, odorless gas found naturally in soil. While it can be present in drinking water obtained from underground sources, it is not typically a concern for water from surface sources such as lakes and rivers. EPA estimates radon in drinking water contributes less than two percent to the total radon levels found in air is the most likely source for health concerns. Radon in water can escape into the air when showering or cooking. The amount of radon present in water provided by JVWCD (as listed in the water quality data table) is not considered a health concern.

Lead

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. JVWCD is responsible for providing high quality drinking water and removing lead pipes, but cannot control the variety of materials used in plumbing components in your home. You share the responsibility for protecting yourself and your family from the lead in your home plumbing.

You can take responsibility by identifying and removing lead materials within your home plumbing and taking steps to reduce your family's risk. Before drinking tap water, flush your pipes for several minutes by running your tap, taking a shower, doing laundry or a load of dishes. You can also use a filter certified by an American National Standards Institute accredited certifier to reduce lead in drinking water. If you are concerned about lead in your water and wish to have your water tested, contact JVWCD.gov. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at **www.epa.gov/safewater/lead.**

Service line inventories

In compliance with the EPA's Lead and Copper Rule Revisions, JVWCD has completed an initial lead service line inventory. It includes information on the service line material that connects water mains to buildings/houses and can be accessed at **jvwcd.gov/water/leadandcopper.**

JVWCD has determined that all service lines are non-lead.

EPA Safe Drinking Water Hotline

(800) 426-4791

New Fluoridation Regulation

As always, Jordan Valley Water Conservancy District is committed to providing clean and reliable drinking water.

Following the passage of HB81 during the 2025 Legislative Session, Utah water providers may no longer add fluoride to public water systems. In compliance with this new law, Jordan Valley Water stopped adding fluoride to the drinking water on May 7, 2025.

Fluoride is not part of the water treatment process, and this change does not affect the safety or quality of your drinking water.

If you have questions about this change or would like information on fluoride supplements, please contact your local pharmacy or reach out to the Salt Lake County Health Department.

slco.org/health
385-468-4100

JORDAN VALLEY WATER
CONSERVANCY DISTRICT

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Utah Public Water System #18027