

LEAD & COPPER TESTING IN CHEKSHANI CLIFFS

Central Iron County Water Conservancy District

HOW OFTEN DO WE TEST YOUR WATER QUALITY & WHAT DO WE TEST FOR?

MONTHLY:

We test for Coliform(TCR) and Chlorine Residuals in the Distribution System.

YEARLY:

We test for Nitrates and Volatile Organic Compounds in the I-15 Well.

EVERY 3 YEARS:

We test for Disinfection Byproducts and Lead & Copper (see results below) in the Distribution System. And we test for Inorganics & Metals, Pesticides, Sulfate, Sodium, and TDS (total dissolved solids) in the I-15 Well.

EVERY 6 YEARS:

We test for Combined Radium (-226 & -228) in the I-15 Well.

EVERY 9 YEARS:

We test for Gross Alpha, Excl. Radon, & U in the I-15 Well.

LEAD & COPPER RESULTS:

Lead & Copper Sampling - Chekshani Cliffs		
	Copper	Lead
EPA Max Contaminant Level (MCL)	1.3000	0.0150
Sample Taken 8/6/2015		
XXX Wipishani Ln	0.0406	0.0005
XXXX Chekshani	0.0183	0.0005
XXXX Chekshani	0.0108	0.0008
XXXX Chekshani	0.1260	0.0053
XXXX Tu-EE	0.0070	0.0006
Sample Taken 8/6/2018		
XXXX Tu Ee	0.0849	0.0029
XXXX Chekshani	0.0238	0.0008
XXX Chuwi	0.1160	0.0010
XXXX Chekshani	0.2400	0.0038
XXXX Tu Ee	0.0078	0.0009
Sample Taken 9/16/2021		
XXXX S Chekshani Cliffs	0.0218	0.0013
XXX Chuwi Path	0.2640	0.0073
XXX W Chuwi Path	0.0269	ND
XXXX S Chekshani Cliffs	0.0511	0.0012
XXXX S Chekshani Cliffs	0.1440	0.0040
Sample Taken 9/12/2024		
XXX W 1925 S	0.0011	<1
XXXX S Chekshani Cliffs	0.0742	<1
XXXX S Chekshani Cliffs	0.0803	0.0282
XXXX S Tu-ee Trail	0.0161	<1
XXX W Chuwi Path	0.0385	0.0025

WHAT HAPPENED & WHAT ARE WE DOING ABOUT IT?

In Sept. 2024, the Water District collected 5 samples in your area and analyzed them for lead. On Jan. 21, 2025, the District received notice from the Utah Division of Drinking Water of an exceedance of lead in the system. One of the 5 homes tested in the Chekshani Cliffs Area showed excess of lead.

We believe this was due to a sampling error (water sample came from an outside hose bib, rather than inside at the kitchen sink), but we are taking every precaution to ensure the drinking water is safe and reliable. This is not a reflection of lead found at the source (the well) or the water distribution system. The District has never before had a water sample that exceeded the contaminate level for lead within the Chekshani Cliffs system.

We have taken additional samples to ensure that your water safe (see results below).

We are also offering free sampling for a limited time to residents interested in having their home water tested. Please call our office if interested at 435-865-9901.

THE NEWEST RESULTS:

Lead & Copper Sampling - Chekshani Cliffs		
	Copper	Lead
EPA Max Contaminant Level (MCL)	1.3000	0.0150
Sample Taken 1/23/2025		
XXXX S Chekshani Cliffs	0.0071	ND
1-15 Well	0.0035	ND
Distribution System	0.0058	0.0005

Another test was taken at the affected home, and we are happy to note that the result came back as ND (non-detect) for lead in the water.

Results from the I-15 Well and the Distribution System also came back under the EPA Max Contaminant Level.

Per our latest annual Drinking Water Quality Report for Chekshani Cliffs water system, our drinking water meets federal and state requirements. The report can be found on our website: <https://cicwcd.org/water-quality/>



Conserving & Developing Today, Providing for Tomorrow.

CICWCD.ORG
435-865-9901

Chekshani Cliffs 1-15 Well & Distribution System - Nitrates, DBPs, and VOCs

		Minimum Reporting Limit	EPA Max Contaminant Level (MCL)	Sample Result 09-26-2023 (Distribution System)	Sample Result 09-30-2024 (Distribution System)	Sample Result 06/27/2023 (I15 Well)	Sample Result 12/10/2024 (I15 Well)
Nitrates	Nitrate + Nitrite Total	0.1				0.55	0.745
DBPs (Disinfection ByProducts)	Dibromooacetic Acid	1		ND (non-detect)	ND		
	Dichloroacetic Acid	1		ND	ND		
	Monobromoacetic Acid	1		ND	ND		
	Monochloroacetic Acid	2		ND	ND		
	Trichloroacetic Acid	1		ND	ND		
	Total Haloacetic Acids	2	60	ND	ND		
	Bromodichloromethane	0.5		0.5	ND		
	Bromoform	0.5		1.7	0.8		
	Chloroform	0.5		ND	ND		
	Dibromochloromethane	0.5		1.4	0.8		
	Total Trihalomethanes	0.5	80	3	1.6		
VOCs (Volatile Organic Compounds)	1,1,1,2-Tetrachloroethane	1				ND	ND
	1,1,1-Trichloroethane	0.5				ND	ND
	1,1,2,2-Tetrachloroethane	1				ND	ND
	1,1,2-Trichloroethane	0.5				ND	ND
	1,1,2-Trichlorotrifluoroethane	1				ND	ND
	1,1-Dichloroethane	1				ND	ND
	1,1-Dichloroethane	0.5				ND	ND
	1,1-Dichloropropene	0.5				ND	ND
	1,2,3-Trichlorobenzene	1				ND	ND
	1,2,3-Trichloropropane	1				ND	ND
	1,2,4-Trichlorobenzene	0.5				ND	ND
	1,2,4-Trimethylbenzene	1				ND	ND
	1,2-Dichlorobenzene	0.5				ND	ND
	1,2-Dichloroethane	0.5				ND	ND
	1,2-Dichloropropane	0.5				ND	ND
	1,3,5-Trimethylbenzene	1				ND	ND
	1,3-Dichlorobenzene	1				ND	ND
	1,3-Dichloropropane	0.5				ND	ND
	1,4-Dichlorobenzene	0.5				ND	ND
	2,2-Dichloropropane	0.5				ND	ND
	2-Chlorotoluene	1				ND	ND
	4-Chlorotoluene	1				ND	ND
	Benzene	0.5				ND	ND
	Bromobenzene	1				ND	ND
	Bromochloromethane	1				ND	ND
	Bromodichloromethane	0.5				ND	ND
	Bromoform	0.5				ND	ND
	Bromomethane	1				ND	ND
	Carbon Tetrachloride	1				ND	ND
	Chlorobenzene	0.5				ND	ND
	Chloroethane	1				ND	ND
	Chloroform	0.5				ND	ND
	Chloromethane	1				ND	ND
	cis-1,2-Dichloroethene	1				ND	ND
	cis-1,3-Dichloropropene	1				ND	ND
	Dibromochloromethane	0.5				ND	ND
	Dibromomethane	1				ND	ND
	Dichlorodifluoromethane	1				ND	ND
	Ethylbenzene	0.5				ND	ND
	Hexachlorobutadiene	1				ND	ND
	Isopropylbenzene	1				ND	ND
	Tethyl-tert-butyl ether (MTBE)	1				ND	ND
	Methylene Chloride	1				ND	ND
	Napthalene	1				ND	ND
	n-Butylbenzene	1				ND	ND
	n-Propyl Benzene	1				ND	ND
	p-Isopropyltoluene	1				ND	ND
	sec-Butyl Benzene	1				ND	ND
Styrene	0.5				ND	ND	
tert-Butylbenzene	1				ND	ND	
Tetrachloroethene	0.5				ND	ND	
Toluene	0.5				ND	ND	
trans-1,2-Dichloroethene	0.5				ND	ND	
trans-1,3 -Dichloropropene	1				ND	ND	
Trichloroethene	0.5				ND	ND	
Trichlorofluoromethane	1				ND	ND	
Vinly Chloride	0.5				ND	ND	
Xylenes, total	1.5					ND	ND