

Month	Total Coliform		Chlorine Residual		Fluoride	
	# Samples	# TC Positive	# Samples	# <0.1 mg/L	# Samples	Ave (mg/L)
January	231	0	828	0	554	0.67
February	207	0	770	0	514	0.65
March	250	0	917	0	533	0.65
April	273	0	906	0	514	0.66
May	232	0	923	0	538	0.64
June	268	0	983	0	543	0.64
July	262	0	1015	0	604	0.65
August	271	1	1011	3	594	0.63
September	278	5	985	1	592	0.68
October	245	0	891	6	593	0.69
November	244	0	911	4	534	0.70
December	246	0	922	3	540	0.69
TOTAL	3007	6 0.20%	11062	17 0.15%	6653	0.66
					Target:	0.7 mg/L

Water Quality Test Results Summary - 2021

A. Inorganics - Regulated

PARAMETER	UNITS	MCL	DETECTS	MINIMUM	MEDIAN	MAXIMUM
Antimony	µg/L	6	1	<0.1	<0.1	0.11
Arsenic	µg/L	10	4	<0.2	<0.2	0.51
Barium	µg/L	2000	21	7.3	22	66
Beryllium	µg/L	4	0	<0.1	<0.1	<0.1
Cadmium	µg/L	5	0	<0.1	<0.1	<0.1
Chromium, Total	µg/L	100	16	<0.1	0.53	2.1
Copper	µg/L	AL: 1300	21	1.3	3.7	22
Fluoride	mg/L	4	21	0.65	0.74	0.90
Lead	µg/L	AL: 15	5	<0.1	<0.1	0.27
Mercury	µg/L	2	0	<0.01	<0.01	<0.01
Nickel	µg/L	100	21	0.55	1.00	2.5
Nitrate	mg/L	10	15	<0.06	0.75	4.0
Nitrite	mg/L	1	20	<0.04	0.22	0.30
Selenium	µg/L	50	8	<0.5	<0.5	1.4
Thallium	µg/L	2	5	<0.1	<0.1	0.19

B. Inorganics - Unregulated

PARAMETER	UNITS	SMCL	DETECTS	MINIMUM	MEDIAN	MAXIMUM
Alkalinity (CaCO3)	mg/L	--	21	273	311	342
Aluminum	µg/L	50	21	0.32	0.64	1.5
Calcium	mg/L	--	21	58	66	107
Chloride	mg/L	250	21	2.3	14	164
Conductivity	umhos / cm	--	21	518	636	1230
Hardness (CaCO3)	mg/L	--	21	278	332	489
Iron	mg/L	0.3	20	<0.01	0.015	0.62
Magnesium	mg/L	--	21	32	40	54
Manganese	µg/L	50	20	<0.1	2.7	52
pH (Lab)	s.u.	--	21	7.4	7.6	7.9
Silver	µg/L	100	0	<0.1	<0.1	<0.1
Sodium	mg/L	--	21	2.2	7.0	60
Sulfate	mg/L	250	21	7.0	18	40
Total Dissolved Solids	mg/L	500	21	304	402	694
Zinc	µg/L	5000	21	7.2	12	26

MCL - Maximum Contaminant Level

SMCL - Secondary Maximum Contaminant Level

Water Quality Test Results Summary - 2021

C. Iron - Wells

SMCL: Secondary Maximum Contaminant Level is 0.3 mg/L

SOURCE	UNITS	SAMPLES	MINIMUM	MEDIAN	MAXIMUM
Well 7*	mg/L	12	<0.01	0.01	0.04
Well 8	mg/L	4	0.58	0.61	0.62
Well 17	mg/L	5	0.12	0.12	0.14
Well 19	mg/L	12	0.21	0.22	0.23
Well 24	mg/L	11	0.19	0.21	0.22
Well 26 [#]	mg/L	12	<0.01	0.01	0.04
Well 27	mg/L	12	0.07	0.17	0.20
Well 28	mg/L	12	0.18	0.19	0.25
Well 29*	mg/L	12	<0.01	0.01	0.01
Well 30	mg/L	12	0.19	0.20	0.20
Well 31*	mg/L	12	<0.01	<0.01	0.01

D. Manganese - Wells

SMCL: Secondary Maximum Contaminant Level is 50 µg/L

SOURCE	UNITS	SAMPLES	MINIMUM	MEDIAN	MAXIMUM
Well 7*	µg/L	12	<0.2	0.2	1.4
Well 8	µg/L	4	51	52	52
Well 17	µg/L	5	29	32	37
Well 19	µg/L	12	43	46	48
Well 24	µg/L	11	25	28	30
Well 26 [#]	µg/L	12	0.9	6.4	20
Well 27	µg/L	12	26	30	37
Well 28	µg/L	12	21	23	29
Well 29*	µg/L	12	0.3	0.6	2.4
Well 30	µg/L	12	14	14	15
Well 31*	µg/L	12	<0.2	<0.2	0.3

* Filtered

[#] Raw water

Water Quality Test Results Summary - 2021

E. Iron - Distribution

SMCL: Secondary Maximum Contaminant Level is 0.3 mg/L

	UNITS	Q1	Q2	Q3	Q4
Policy Goal	mg/L	0.3	0.3	0.3	0.3
Median	mg/L	0.02	0.02	0.01	0.01
Average	mg/L	0.03	0.03	0.03	0.02
95th Percentile	mg/L	0.17	0.10	0.14	0.15
Maximum	mg/L	0.20	0.18	0.17	0.18
Number of Sample		27	27	29	56
Samples >0.3 mg/L		0	0	0	0

F. Manganese - Distribution

SMCL: Secondary Maximum Contaminant Level is 50 µg/L

	UNITS	Q1	Q2	Q3	Q4
Policy Goal	µg/L	50	50	50	50
Median	µg/L	1.4	1.6	1.5	0.6
Average	µg/L	3.3	2.7	3.5	2.2
95th Percentile	µg/L	17	11	13	15
Maximum	µg/L	19	19	19	17
Number of Sample		27	27	29	56
Samples >50 µg/L		0	0	0	0

Water Quality Test Results Summary - 2021

G. Radium (226 + 228)

	Number of Samples	Results, pCi/L	Annual Average of Quarterly Samples	NOTE: MCL = 5 pCi/L; based on running annual average of quarterly samples
Well 7	1	3	Not Applicable	
Well 8	1	2.5	Not Applicable	
Well19	8*	2.3 - 5.3	3.8 - 4.1	
Well 24	1	3.4	Not Applicable	
Well 27	8*	2.7 - 4.7	3.8 - 4.1	
Well 28	1	2.8	Not Applicable	
Well 30	1	2.9	Not Applicable	

* Includes duplicate samples

H. Unregulated Contaminants

PARAMETER	UNITS	DETECTS	MINIMUM	MEDIAN	MAXIMUM	WELLS
1,4-Dioxane	µg/L	3 of 10	<0.07	<0.07	0.31	11,14,18
Chromium, Hexavalent	µg/L	13	<0.02	0.36	2.0	6,9,11,12,13,14,16,17,18,20,25,26,29
Strontium	µg/L	21	48	75	101	ALL WELLS
PFAS: PFOA	ng/L	10	<0.44	<0.48	1.38	6,7,8,9,13,14,16,17,26,27
PFAS: PFOS	ng/L	8	<0.24	<0.25	1.33	8,9,11,14,16,17,26,27
PFAS: PFBA	ng/L	4	<1.02	<1.09	25.5	9,11,13,14
PFAS: PFPeA	ng/L	7	<0.22	<0.45	1.94	6,8,9,13,14,16,27
PFAS: PFHxA	ng/L	9	<0.12	<0.36	1.89	6,8,9,11,13,14,16,17,27
PFAS: PFHpA	ng/L	5	<0.10	<0.38	0.45	8,9,14,26,27
PFAS: PFBS	ng/L	9	<0.14	<0.28	36.9	6,9,11,13,14,16,18,26,27
PFAS: PFPeS	ng/L	3	<0.08	<0.32	0.43	6,9,27
PFAS: PFHxS	ng/L	11	<0.32	0.67	4.40	6,7,8,9,11,13,14,16,17,26,27
PFAS: 6:2 FTSA	ng/L	1	<0.15	<0.36	0.17	8

Water Quality Test Results Summary - 2021

I. Volatile Organics (VOC)

	UNITS	MCL	DETECTS	MAXIMUM	WELLS
1,2-Dichloroethylene (cis)	µg/L	70	1	0.37	11
Tetrachloroethylene	µg/L	5	6	3.7	6,7,9,11,14,18
Trichlorofluoromethane	µg/L	--	1	0.78	11
Trichlorotrifluoroethane	µg/L	--	1	0.54	14
Xylene, Total	µg/L	10,000	1	1.4	24

Range of Test Results (µg/L)

VOC	MCL	Well #6	Well #7	Well #9	Well #11	Well #14	Well #18
Tetrachloroethylene	5 µg/L	1.1 - 1.4	0.75 - 1.1	1.1 - 1.7	0.44 - 0.73	0.29 - 0.36	1.1 - 3.7
Number of Samples		4	4	4	4	4	4