

2022 Month	Total Coliform		Chlorine Residual		Fluoride	
	# Samples	# TC Positive	# Samples	# <0.1 mg/L	# Samples	Ave (mg/L)
January	252	0	931	0	548	0.70
February	217	0	880	0	524	0.69
March	254	0	965	1	573	0.71
April	237	0	911	2	538	0.70
May	268	0	993	1	559	0.68
June	274	1	971	1	530	0.68
July	262	4	966	1	584	0.70
August	272	1	1028	5	580	0.70
September	235	0	923	8	576	0.70
October	261	1	947	0	579	0.71
November	234	0	922	0	546	0.71
December	222	0	899	1	564	0.69
<b>TOTAL</b>	<b>2988</b>	<b>7</b>	<b>11336</b>	<b>20</b>	<b>6701</b>	<b>0.70</b>
		0.23%		0.18%		
					<b>Target:</b>	<b>0.7 mg/L</b>

# Water Quality Test Results Summary - 2022

## A. Inorganics - Regulated

PARAMETER	UNITS	MCL	DETECTS	MINIMUM	MEDIAN	MAXIMUM
Antimony	µg/L	6	0	<0.1	<0.1	<10
Arsenic	µg/L	10	1	<0.2	<0.2	0.3
Barium	µg/L	2000	21	6.4	22	66
Beryllium	µg/L	4	0	<0.1	<0.1	<0.5
Cadmium	µg/L	5	0	<0.1	<0.1	<0.5
Chromium, Total	µg/L	100	17	0.2	1.0	2.3
Copper	µg/L	AL: 1300	21	0.8	2.6	16
Fluoride	mg/L	4	21	0.7	0.8	1.0
Lead	µg/L	AL: 15	6	<0.1	<0.1	0.4
Mercury	µg/L	2	2	<0.01	<0.01	0.0
Nickel	µg/L	100	17	0.5	1.0	2.4
Nitrogen - Nitrate	mg/L	10	13	<0.07	0.5	4.3
Nitrogen - Nitrite	mg/L	1	0	<0.02	<0.02	<0.02
Selenium	µg/L	50	17	0.6	1.5	1.9
Thallium	µg/L	2	5	<0.1	<0.1	0.3

## B. Inorganics - Unregulated

PARAMETER	UNITS	SMCL	DETECTS	MINIMUM	MEDIAN	MAXIMUM
Alkalinity (CaCO3)	mg/L	--	21	262	300	378
Aluminum	µg/L	50	16	<0.3	0.5	2.6
Calcium	mg/L	--	21	57	66	107
Chloride	mg/L	250	20	<2.2	24	189
Conductivity	umhos / cm	--	21	511	653	1260
Hardness (CaCO3)	mg/L	--	21	282	331	497
Iron	mg/L	0.3	8	<0.02	<0.06	0.8
Magnesium	mg/L	--	21	33	39	56
Manganese	µg/L	50	19	<0.1	2.6	48
pH (Lab)	s.u.	--	21	7.4	7.5	7.9
Silver	µg/L	100	0	<0.1	<0.1	<5
Sodium	mg/L	--	21	2.3	6.4	63
Strontium	µg/L	--	21	55	80	108
Sulfate	mg/L	250	21	7.3	19	43
Total Dissolved Solids	mg/L	500	21	264	378	670
Zinc	µg/L	5000	20	<3.0	9.3	21

AL - Action Level

MCL - Maximum Contaminant Level

SMCL - Secondary Maximum Contaminant Level

## Water Quality Test Results Summary - 2022

### 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	<0.02	0.84
Well 8	mg/L	1	<b>0.77</b>	<b>0.77</b>	<b>0.77</b>
Well 17	mg/L	3	0.08	0.13	0.14
Well 19	mg/L	12	0.13	0.22	0.24
Well 24	mg/L	12	0.10	0.21	0.21
Well 26 <sup>#</sup>	mg/L	8	0.01	<0.02	0.05
Well 27	mg/L	12	0.07	0.16	0.24
Well 28	mg/L	12	0.16	0.18	0.19
Well 29*	mg/L	12	<0.01	<0.02	<0.06
Well 30	mg/L	12	0.11	0.20	0.23
Well 31*	mg/L	12	<0.01	<0.02	<0.06

### 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	<0.5	3.9
Well 8	µg/L	1	48	48	48
Well 17	µg/L	3	21	32	33
Well 19	µg/L	12	25	47	49
Well 24	µg/L	12	12	27	31
Well 26 <sup>#</sup>	µg/L	8	<0.5	2.7	23
Well 27	µg/L	12	18	30	42
Well 28	µg/L	12	20	21	22
Well 29*	µg/L	12	<0.2	<0.5	1.4
Well 30	µg/L	12	7.5	13	16
Well 31*	µg/L	12	<0.2	<0.2	<0.5

\* Filtered

<sup>#</sup> Raw water

## Water Quality Test Results Summary - 2022

### E. Iron - Distribution

*SMCL: Secondary Maximum Contaminant Level is 0.3 mg/L*

	<b>UNITS</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>
<b>Policy Goal</b>	mg/L	0.3	0.3	0.3	0.3
<b>Median</b>	mg/L	<0.01	<0.01	<0.02	<0.02
<b>Average</b>	mg/L	0.02	0.02	0.03	0.03
<b>95th Percentile</b>	mg/L	0.11	0.07	0.14	0.14
<b>Maximum</b>	mg/L	0.16	0.17	0.16	0.21
<b>Number of Sample</b>		28	28	29	29
<b>Samples &gt;0.3 mg/L</b>		0	0	0	0

### F. Manganese - Distribution

*SMCL: Secondary Maximum Contaminant Level is 50 µg/L*

	<b>UNITS</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>
<b>Policy Goal</b>	µg/L	50	50	50	50
<b>Median</b>	µg/L	0.6	1.0	<0.5	<0.5
<b>Average</b>	µg/L	2.1	2.0	2.1	2.2
<b>95th Percentile</b>	µg/L	12	7.6	13	13
<b>Maximum</b>	µg/L	16	18	16	14
<b>Number of Sample</b>		28	28	29	29
<b>Samples &gt;50 µg/L</b>		0	0	0	0

## G. Organic Contaminants

### 1. Volatile Organics (VOC) - Overview

	<b>UNITS</b>	<b>MCL</b>	<b>MAXIMUM</b>	<b>WELLS</b>
<i>cis</i> 1,2-Dichloroethylene	µg/L	70	0.40	7 & 11
Tetrachloroethylene [PCE]	µg/L	5	2.7	6,7,9,11,14,18
Trichloroethylene [TCE]	µg/L	5	0.41	#18
Trichlorofluoromethane	µg/L	--	0.72	#11

### 2. Volatile Organics (VOC) - Detail

	<b>MCL</b>	<b>Range of Test Results (µg/L)</b>					
		<b>Well #6</b>	<b>Well #7</b>	<b>Well #9</b>	<b>Well #11</b>	<b>Well #14</b>	<b>Well #18</b>
Tetrachloroethylene [PCE]	5 µg/L	0.65 - 1.8	<0.42 - 1.1	0.56 - 1.7	<0.42 - 0.69	0.38 - <0.42	2.0 - 2.7
Number of Samples		4	4	4	4	4	4

### 3. Per- and Polyfluoroalkyl Substances (PFAS)

<b>PARAMETER</b>	<b>UNITS</b>	<b>MCL</b>	<b>MAXIMUM</b>	<b>WELLS</b>
PFAS: PFOA	ng/L	70	1.1	6,7,9,11,13,16,26,27
PFAS: PFOS	ng/L	70	1.4	7,9,11,16,26

# Water Quality Test Results Summary - 2022

## H. 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	2.6	Not Applicable	
Well19	6*	2.6 - 4.0	3.1 - 3.6	
Well 24	1	1.4	Not Applicable	
Well 27	4*	2.3 - 4.8	2.9 - 3.3	
Well 28	1	3.2	Not Applicable	
Well 30	1	2.5	Not Applicable	

\* Includes duplicate samples

## I. Unregulated Contaminants

Parameter	Units	Detects	Results	Wells with Detections
Chromium, Hexavalent	µg/L	4 of 4	1.3 - 2.6	Wells 6, 13, 14 & 16 sampled
1,4-Dioxane	µg/L	1 of 1	0.32	Only Well 11 sampled
Strontium	µg/L	21	55 - 108	All Wells
PFAS: PFBA	ng/L	7	<0.6 - 33	6,9,11,13,16,26,27
PFAS: PFPeA	ng/L	7	<0.3 - 1.2	6,9,11,13,16,26,27
PFAS: PFHxA	ng/L	8	<0.3 - 2.1	6,9,11,13,14,16,26,27
PFAS: PFHpA	ng/L	2	<0.4 - 0.5	6 & 13
PFAS: PFBS	ng/L	7	<0.4 - 1.8	6,9,11,13,14,16,27
PFAS: PFPeS	ng/L	1	<0.3 - 0.7	#6
PFAS: PFHxS	ng/L	9	<0.4 - 5.6	6,7,9,11,13,14,16,26,27
PFAS: 6:2 FTSA	ng/L	1	<0.7 - 5.6	#11