Attachment B Water Quality Test Results Summary - Sept 2025

2025	Total Coliform		Chlorine Residual		Fluoride	
Month	**# Samples**	**# TC Positive**	**# Samples**	**# <0.1 mg/L**	**# Samples**	**Ave (mg/L)**
January	293	0	1094	3	556	0.67
February	247	0	1001	2	474	0.66
March	265	0	1055	0	520	0.65
April	315	0	1074	0	530	0.65
May	285	1	1152	0	587	0.65
June	285	0	1129	1	568	0.64
July	326	4	1172	4	584	0.61
August	276	6	1136	5	573	0.60
September	289	0	1125	5	587	0.64
October						
November						
December						
TOTAL	2581	11	9938	20	4979	0.64
		0.4%		0.2%		
					Target:	**0.7 mg/L**

Water Quality Test Results Summary - Sept 2025

A. Regulated Inorganics - Primary Maximum Contaminant Level (MCL) or Action Level (AL)

PARAMETER	UNITS	MCL	DETECTS	MINIMUM	MEDIAN	MAXIMUM
Antimony	µg/L	6	0	<0.3	<0.3	<0.3
Arsenic	µg/L	10	0	<1.1	<1.1	<1.1
Barium	µg/L	2000	17	7.0	21	72
Beryllium	µg/L	4	0	<0.06	<0.06	<0.06
Cadmium	µg/L	5	0	<0.1	<0.1	<0.1
Chromium, Total	µg/L	100	7	<1.2	<1.2	2.3
Copper	µg/L	AL: 1300	17	1.1	3.8	61
Fluoride	mg/L	4	17	0.3	0.8	0.8
Lead	µg/L	AL: 15	0	<0.3	<0.3	<0.3
Mercury	µg/L	2	0	<0.05	<0.05	<0.05
Nickel	µg/L	100	17	0.8	2.5	3.9
Nitrogen - Nitrate	mg/L	10	15	<0.2	1.0	4.0
Nitrogen - Nitrite	mg/L	1	1	<0.01	<0.01	0.01
Selenium	µg/L	50	5	<1.0	<1.0	1.6
Thallium	µg/L	2	0	<0.8	<0.8	<0.8

B. Unregulated Inorganics - Guided by Secondary Maximum Contaminant Level (SMCL)

PARAMETER	UNITS	SMCL	DETECTS	MINIMUM	MEDIAN	MAXIMUM
Alkalinity (CaCO3)	mg/L	--	17	270	320	370
Aluminum	µg/L	50	0	<9.0	<9.0	<9.0
Calcium	mg/L	--	17	59	77	130
Chloride	mg/L	250	17	1.8	25	200
Conductivity	umhos / cm	--	15	510	710	1300
Hardness (CaCO3)	mg/L	--	17	290	370	580
Iron	mg/L	0.3	4	<0.04	<0.04	0.2
Magnesium	mg/L	--	17	33	43	61
Manganese	µg/L	50	13	<0.5	1.8	41
pH (Lab)	s.u.	--	3	7.2	7.4	7.5
Silver	µg/L	100	2	<0.10	<0.10	0.5
Sodium	mg/L	--	17	2.3	9.6	66
Strontium	µg/L	--	17	51	77	100
Sulfate	mg/L	250	17	5.3	17	36
Zinc	µg/L	5000	2	1.8	2.9	3.9

NOTE: Only includes results for 17 of 21 wells. Not all wells were analyzed for conductivity, pH, or zinc.

Water Quality Test Results Summary - Sept 2025

C. Iron - Wells

SMCL: Secondary Maximum Contaminant Level is 0.3 mg/L

SOURCE	UNITS	SAMPLES	MINIMUM	MEDIAN	MAXIMUM
Well 7*	mg/L	8	<0.01	<0.01	0.03
Well 17	mg/L	6	0.11	0.13	0.13
Well 18	mg/L	13	0.03	0.06	0.07
Well 19	mg/L	0	n/s	n/s	n/s
Well 24	mg/L	9	0.19	0.23	0.24
Well 26#	mg/L	5	<0.01	<0.01	<0.01
Well 27	mg/L	9	0.07	0.14	0.17
Well 28	mg/L	9	0.13	0.17	0.18
Well 29*	mg/L	9	<0.01	<0.01	0.01
Well 30	mg/L	9	0.16	0.20	**0.30**
Well 31*	mg/L	4	<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	8	<0.5	<2.0	<2.0
Well 17	µg/L	6	33	36	44
Well 18	µg/L	13	20	38	41
Well 19	µg/L	0	n/s	n/s	n/s
Well 24	µg/L	9	23	30	32
Well 26#	µg/L	5	<2.0	2.5	19
Well 27	µg/L	9	29	31	33
Well 28	µg/L	9	20	23	23
Well 29*	µg/L	9	1.0	<2.0	2.8
Well 30	µg/L	9	12	15	19
Well 31*	µg/L	4	<2.0	<2.0	<2.0

* Filtered

Raw water

Water Quality Test Results Summary - Sept 2025

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	<0.010	0.015	<0.010	
Average	mg/L	0.06	0.05	0.03	
95th Percentile	mg/L	0.20	0.18	0.15	
Maximum	mg/L	0.83	0.24	0.18	
Number of Samples		43	43	43	
Samples >0.3 mg/L		1	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	<2.0	<2.0	<2.0	
Average	µg/L	7.4	6.0	5.6	
95th Percentile	µg/L	22	20	19	
Maximum	µg/L	80	28	49	
Number of Samples		43	43	43	
Samples >50 µg/L		1	0	0	

Water Quality Test Results Summary - Sept 2025

G. Organic Contaminants

1. Overview - Volatile and Synthetic Organics (VOC & SOC)

	TYPE	UNITS	MCL	MAXIMUM	WELLS
cis 1,2-Dichloroethylene	VOC	µg/L	70	0.48	7 & 11
Tetrachloroethylene [PCE]	VOC	µg/L	5	2.7	6,7,9,11,18
Trichloroethylene [TCE]	VOC	µg/L	5	0.36	7,11,18
Trichlorofluoromethane	VOC	µg/L	--	0.66	11
Xylene	VOC	µg/L	10000	0.74	25
PFAS: PFBA	SOC	ng/L	--	49	6,9,11,14
PFAS: PFPeA	SOC	ng/L	--	2.3	14
PFAS: PFHxA	SOC	ng/L	--	2.2	14
PFAS: PFOA^	SOC	ng/L	70 / 4	2.0	14
PFAS: PFBS	SOC	ng/L	--	2.5	14
PFAS: PFHXS	SOC	ng/L	10*	6.5	6,11,13,14,16
PFAS: PFOS^	SOC	ng/L	70 / 4	1.9	16

^ WI standard is 70 ng/L; EPA final regulation is 4 ng/L (effective April 2024 with 5-year implementation)

* Used to calculate a Hazard Index, which must be less than 1.0 (since rescinded by US EPA)

2. Detail - Volatile Organics (VOC)

		Range of Test Results (µg/L)				
	MCL	**Well #6**	**Well #7**	**Well #9**	**Well #11**	**Well #18**
cis 1,2-Dichloroethylene	70 µg/L	<0.23	<0.15 - 0.38	<0.23	0.29 - 0.48	<0.23
Tetrachloroethylene [PCE]	5 µg/L	2.0 - 2.3	0.79 - 1.2	<0.25 - 1.1	0.46 - 0.76	2.1 - 2.7
Trichloroethylene [TCE]	5 µg/L	<0.22	0.28 - 0.36	<0.22	0.23 - 0.30	0.27 - 0.35
Number of Samples		3	3	3	3	4

Water Quality Test Results Summary - Sept 2025

H. Radium (226 + 228)

	Number of Samples	Results, pCi/L	Annual Average of Quarterly Samples
Well 07	1	3.2	Not Applicable
Well 24	1	3.2	Not Applicable
Well 27	6*	3.8 - 4.6	3.8 - 4.1
Well 30	1	2.9	Not Applicable

NOTE: MCL = 5 pCi/L; based on running annual average of quarterly samples

** Includes duplicate samples*

I. Unregulated Contaminants

Parameter	Units	Well Detects	Results	Wells with Detections
Chromium, Hexavalent	µg/L	4 of 4	0.87 - 1.9	6, 13, 14, 16
1,4-Dioxane	µg/L	1 of 1	0.29	Well 11
Strontium	µg/L	17 of 17	51 - 100	All Wells