



### 2024 Water Quality Results (Monthly Averages)

This report provides results of monthly water quality testing at the Stovall Water Treatment Plant and the Adkins Water Treatment Plant. Additional water quality testing results can be found on the 2023 Consumer Confidence Report (CCR) located on the Greenville Water website at: [https://www.greenvillewater.com/documents/CCR-2023\\_2024-06-20-132346\\_diam.pdf](https://www.greenvillewater.com/documents/CCR-2023_2024-06-20-132346_diam.pdf)

Parameter	Units	January	February	March	April	May	June	July	August	September	October	November	December	YTD Average	YTD Min	YTD Max
Total coliform	(P/A)	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
E. coli	(P/A)	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Total Chlorine	mg/L	2.8	2.8	2.8	2.8	2.9	3.1	2.9	2.9					2.9	2.8	3.1
pH	S.U.	7.5	7.6	7.6	7.6	7.5	7.3	7.5	7.5					7.5	7.3	7.6
Turbidity	NTU	0.03	0.04	0.03	0.04	0.04	0.04	0.05	0.05					0.04	0.03	0.05
Temperature	°C	16.6	15.7	16.1	17.4	19.9	20.7	24	23.5					19.2	15.7	24.0
Fluoride	mg/L	0.64	0.61	0.62	0.61	0.65	0.63	0.61	0.39					0.60	0.39	0.65
Chloride	mg/L	4.4	4.3	3.9	4.2	4.3	4.85	*	*					4.3	3.9	4.9
Bromide	mg/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	*	*					<0.050	<0.050	<0.050
ortho-PO4	mg/L	0.57	0.57	0.57	0.62	0.63	0.56	0.61	0.51					0.58	0.51	0.63
Total-PO4	mg/L	0.79	0.74	0.74	0.85	0.8	0.71	0.73	0.72					0.76	0.71	0.85
Sulfate	mg/L	4.1	4.2	4.1	3.7	3.4	3.5	*	*					3.8	3.4	4.2
Nitrite-N	mg/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	*	*					<0.050	<0.050	<0.050
Nitrate-N	mg/L	0.06	0.06	0.05	0.06	<0.050	<0.050	*	*					0.06	0.05	0.06
Alkalinity	mg/L	10.0	9.6	7.6	7.5	7	7.6	7.9	9.5					8.3	7.0	10.0
Total Dissolved Solids (TDS)	mg/L	23	28	26	22	27	19	38	17					25.0	17.0	38.0
Calcium	mg/L	1.3	1.1	1.2	1.2	1.2	1.2	1.3	1.2					1.2	1.1	1.3
Magnesium	mg/L	0.58	0.49	0.55	0.57	0.52	0.52	0.57	0.52					0.54	0.49	0.58
Sodium	mg/L	6.5	5.7	6.7	6.1	6.3	4.8	6.4	6.7					6.2	4.8	6.7
Potassium	mg/L	0.77	0.74	0.81	0.77	0.74	0.75	0.70	0.74					0.75	0.70	0.81
Total Ammonia	mg/L	0.69	0.62	0.62	0.63	0.69	0.71	0.62	0.62					0.65	0.62	0.71
Free Ammonia	mg/L	0.17	0.17	0.17	0.16	0.17	0.18	0.14	0.11					0.16	0.11	0.18
Total Hardness	mg/L	5.6	4.8	5.2	5.3	5.1	5.2	5.5	5.1					5.2	4.8	5.6
Iron	mg/L	<0.050	<0.050	<0.050	0.11	<0.050	<0.050	<0.050	<0.050					<0.050	<0.050	<0.050
Manganese	mg/L	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010					<0.010	<0.010	<0.010
Copper	mg/L	<0.010	<0.010	<0.010	0.012	<0.010	<0.010	<0.010	<0.010					<0.010	<0.010	<0.010
Lead	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005					<0.005	<0.005	<0.005
Aluminum	mg/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050					<0.050	<0.050	<0.050
Total Organic Carbon (TOC)	mg/L	0.69	0.70	0.74	0.78	0.76	0.78	0.78	0.75					0.75	0.69	0.78
Conductivity	uS/cm	44	42	38	44	42	42	41	42					42	38	44

**ABBREVIATIONS:**

(P/A) Present/Absent  
 mg/L milligrams/liter (ppm)  
 S.U. Standard Units  
 NTU Nephelometric Turbidity Units  
 ME/ml microbial equivalent per milliliter  
 uS/cm microSiemens/centimeter

**HARDNESS SCALE:**

< 17.1 mg/L soft  
 60 to 120 mg/L moderately hard  
 17.1 to 60 mg/L slightly hard  
 > 120 mg/L hard