

WATER QUALITY AND TREATMENT DIVISION
TABLE 5 - MILLER PLANT WATER QUALITY FY2026 (Jul 2025 - Jun 2026)
(mg/L, except as noted)

	FY 2026			PRIOR 5 YEARS		
	AVERAGE	MAXIMUM	MINIMUM	AVERAGE	MAXIMUM	MINIMUM
RAW WATER						
Turbidity (NTU)	27	219	2.5	34	284	1
Total Alkalinity (as CaCO ₃)	77	103	56	70	97	39
Total Hardness (as CaCO ₃)	125	156	94	117	157	69
Calcium (as Ca) ^a	39	51	32	34	44	26
Magnesium (as Mg) ^a	6	12	2	7	14	1
pH (Units)	7.8	8.2	7.0	7.8	8.7	7.4
Chloride	30	45	15	23	65	12
Fluoride ^b	0.13	0.21	0.08	0.14	0.26	0.06
Sulfate	50	75	18	50	84	28
Nitrate (as NO ₃ - N)	0.75	1.24	<0.05	0.71	1.66	0.05
Iron (as total Fe)	0.9	0.9	0.9	2	4	0.3
Manganese (as total Mn)	0.09	0.43	0.01	0.14	0.60	0.02
Sodium	25	41	13	20	54	11
Total Suspended Solids ^c	35	279	1	129	502	1
Total Dissolved Solids	219	280	182	195	298	122
Total Organic Carbon	3.10	4.32	2.31	2.95	4.97	1.59
TREATED WATER						
Turbidity (NTU)	0.07	0.14	0.04	0.07	0.13	0.03
Total Alkalinity (as CaCO ₃)	83	110	60	78	114	43
Total Hardness (as CaCO ₃)	128	162	98	122	158	88
Calcium (as Ca) ^a	38	44	33	36	52	27
Magnesium (as Mg) ^a	8	13	1	8	12	2
pH (Units)	8.7	8.9	8.4	8.8	9.2	8.2
Chloride	33	58	18	24	42	13
Fluoride	0.84	0.97	0.65	0.84	1.06	0.65
Sulfate	57	85	19	59	86	38
Nitrate (as NO ₃ - N)	0.79	1.19	0.48	0.77	1.15	0.40
Iron (as total Fe)	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Manganese (as total Mn)	<0.01	<0.01	<0.01	<0.01	0.01	<0.01
Sodium	30	43	20	26	49	15
Total Solids ^d	225	262	194	217	284	134
Total Dissolved Solids	225	262	194	217	284	134
Total Organic Carbon	0.97	1.49	0.41	0.84	1.66	0.31
Phosphate (as PO ₄ - P)	0.19	0.24	0.09	0.19	0.35	0.08
Chlorine Residual, Free	1.43	2.00	1.01	1.32	1.71	1.01
Chlorine Residual, Total	1.51	2.09	1.12	1.38	1.82	1.08

(a) Calcium and Magnesium values are calculated from hardness data.

(b) Fluoride samples were collected from west seal well. It is assumed that fluoride levels were similar at raw and west seal well.

(c) The concentration of total solids at raw water is the sum of Total Suspended Solids and Total Dissolved Solids, these concentrations were not necessarily sampled on same day.

(d) The concentration of total solids at finished water is expected to be similar to that of TDS since turbidity level is very low for treated water (<0.14 NTU).