

WATER QUALITY AND TREATMENT DIVISION
TABLE 5 - MILLER PLANT WATER QUALITY FY2025 (Jul 2024 - Jun 2025)
(mg/L, except as noted)

	FY 2025			PRIOR 5 YEARS		
	AVERAGE	MAXIMUM	MINIMUM	AVERAGE	MAXIMUM	MINIMUM
RAW WATER						
Turbidity (NTU)	33	239	1	35	284	2
Total Alkalinity (as CaCO ₃)	67	93	39	71	100	44
Total Hardness (as CaCO ₃)	117	157	69	117	160	78
Calcium (as Ca) ^a	37	44	26	33	44	23
Magnesium (as Mg) ^a	7	12	1	8	14	2
pH (Units)	7.8	8.7	7.5	7.8	8.6	7.4
Chloride	27	42	14	22	65	10
Fluoride ^b	0.14	0.22	0.06	0.14	0.26	0.07
Sulfate	54	84	32	50	94	28
Nitrate (as NO ₃ - N)	0.87	1.66	0.38	0.70	1.20	0.05
Iron (as total Fe)	1.9	1.9	1.9	2	4	0.3
Manganese (as total Mn)	0.17	0.56	0.02	0.12	0.60	0.02
Sodium	23	23	23	22	86	10
Total Suspended Solids ^c	42	362	1	169	502	2
Total Dissolved Solids	216	298	146	191	270	122
Total Organic Carbon	3.11	4.97	2.39	2.97	4.52	1.59
TREATED WATER						
Turbidity (NTU)	0.07	0.10	0.04	0.07	0.13	0.03
Total Alkalinity (as CaCO ₃)	75	105	43	79	117	50
Total Hardness (as CaCO ₃)	122	158	88	121	167	86
Calcium (as Ca) ^a	39	43	32	35	52	26
Magnesium (as Mg) ^a	8	12	2	8	12	4
pH (Units)	8.7	9.1	8.2	8.9	9.2	8.5
Chloride	29	40	18	23	42	10
Fluoride	0.84	1.06	0.68	0.85	1.04	0.65
Sulfate	61	86	44	58	89	38
Nitrate (as NO ₃ - N)	0.75	1.10	0.47	0.79	1.30	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	29	34	24	26	49	15
Total Solids ^d	244	284	162	209	304	134
Total Dissolved Solids	244	284	162	209	304	134
Total Organic Carbon	0.88	1.34	0.53	0.83	1.66	0.31
Phosphate (as PO ₄ - P)	0.20	0.25	0.11	0.19	0.35	0.08
Chlorine Residual, Free	1.35	1.62	1.11	1.32	1.71	1.01
Chlorine Residual, Total	1.42	1.71	1.20	1.39	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 (<0.10 NTU).