

Total Chlorine Residuals (mg/L) at NTMWD Treated Water Storage Reservoir Sites



Sampling Locations	01/01/2022 - 02/28/2022			During Maintenance Period 03/01/2022 - 03/29/2022 <i>(data collected & averaged once per week)</i>			01/01/2023 - 03/05/2023			During Maintenance Period 03/06/2023 - 04/03/2023 <i>(data collected & averaged once per week)</i>		
	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum
Plano #3	3.31	3.67	2.94	3.26	3.49	3.03	3.40	3.75	3.15	3.43	3.65	3.20
Farmersville	3.13	3.32	2.93	2.42	2.87	1.59	3.00	3.30	2.61	2.74	2.85	2.62
Forney	2.77	3.46	2.26	2.43	3.17	2.10	3.31	3.74	2.87	2.59	2.93	2.08
Garland #2	3.00	3.41	1.94	3.34	3.45	3.24	3.21	3.69	2.59	3.23	3.41	3.01
Garland #4	3.16	3.64	1.91	3.29	3.46	3.14	3.36	3.86	2.94	3.45	3.70	3.30
McKinney	3.34	3.54	2.88	3.18	3.35	3.06	3.43	3.92	3.06	2.94	3.58	2.50
Plano #2	3.18	3.98	2.22	3.46	3.80	3.19	3.45	3.92	3.06	3.26	3.45	3.16
Princeton	3.03	3.28	2.76	2.97	3.23	2.51	3.02	3.40	2.60	2.48	2.57	2.38
Rockwall	3.40	3.72	3.21	3.45	3.98	3.03	3.33	3.63	3.16	3.01	3.27	2.78
Royse City	3.42	3.56	3.37	3.22	3.56	2.94	3.13	3.44	2.73	2.86	3.26	2.27
Shiloh	3.48	3.83	3.13	3.49	3.61	3.41	3.46	3.75	3.25	3.61	3.97	3.19
Sunnyvale	2.87	3.18	2.35	2.93	3.32	2.69	3.27	3.44	3.11	3.10	3.30	3.01

*NOTE: TCEQ/EPA requires water treatment facilities to maintain a minimum chlorine level of 0.2 milligrams per liter (mg/l) or parts per million (ppm), a minimum of 0.5 mg/l or ppm during chloramine operations and a maximum running average of 4 mg/l or ppm. These levels are deemed safe for consumption.

1 mg/L = 1 ppm (parts per million)

*NOTE: Water providers are required to maintain an **annual average** chlorine disinfection residual level of between 0.2 parts per million (ppm) and 4 parts per million (ppm). The above table shows chlorine residuals data in conjunction with bacteriological samples collected at designated NTMWD ground storage reservoirs before being delivered to city distribution systems. These sample sites are approved by TCEQ for our routine testing. Routine sample results are analyzed for compliance and sent to the TCEQ.

The chlorine residuals are recorded as part of the revised Total Coliform Rule compliance. NTMWD collects and analyzes a higher number of samples than required by TCEQ. The laboratory submits the results of the coliform testing and chlorine residuals of 40 samples each month to the TCEQ. These residuals are used for the annual Consumer Confidence Report. Cities are required to perform additional testing and reporting on their distribution systems.

data updated as of March 27, 2023