

White City WTP										
September 2021	Raw Volume (m3)	Treated Volume (m3)	Treated Free Chlorine (mg/L)	Treated Total Chlorine (mg/L)	Treated Free Chlorine (Analyser) (mg/L)	Treated pH (Analyser) (pH units)	Treated Turbidity (NTU)	Treated Turbidity (Analyser) (NTU)	Treated Iron (mg/L)	Treated Manganese (mg/L)
Sep 01	926	908	0.82	1.44	1.05	7.28	0.09	0.030		0.014
02	830	810	1.11	1.54	1.07	7.30	0.11	0.020		0.017
03	919	891	1.12	1.58	1.06	7.30	0.13	0.020		0.020
04	778	700	1.10	1.58	1.08	7.30	0.08	0.020		0.026
05	1214	1187	1.12	1.61	1.09	7.30	0.08	0.020		0.029
06	950	1094	1.14	1.59	1.08	7.30	0.09	0.030		0.030
07	1357	1246	1.20	1.69	1.11	7.30	0.08	0.030	0.02	0.031
08	1100	979	1.13	1.62	1.09	7.30	0.09	0.020		0.009
09	1325	1217	1.10	1.55	1.03	7.27	0.10	0.020		0.013
10	1384	1414	1.14	1.50	1.00	7.28	0.09	0.020		0.014
11	1126	927	1.06	1.45	0.95	7.20	0.10	0.020		0.015
12	1130	1076	1.09	1.42	0.91	7.18	0.08	0.010		0.020
13	1245	1300	1.05	1.48	0.91	7.20	0.07	0.020	0.00	0.019
14	1113	1053	1.04	1.49	1.01	7.20	0.07	0.020		0.018
15	1378	1268	1.06	1.45	1.01	7.20	0.08	0.020		0.020
16	930	941	1.10	1.46	0.99	7.18	0.15	0.020		0.023
17	1135	1094	1.01	1.30	0.98	7.18	0.08	0.020		0.008
18	1147	1176	1.03	1.43	0.97	7.20	0.11	0.020		0.005
19	1194	1243	1.03	1.45	0.99	7.20	0.08	0.020		0.009
20	1570	1415	1.13	1.53	1.03	7.20	0.09	0.020	0.02	0.024
21	1301	1089	1.12	1.55	1.06	7.20	0.08	0.020		0.023
22	1349	1355	1.08	1.50	1.05	7.20	0.07	0.020		0.031
23	1150	1154	1.09	1.44	1.01	7.18	0.10	0.020		0.019
24	1379	850	1.10	1.49	1.02	7.20	0.07	0.020		0.011
25	861	850	1.04	1.48	1.05	7.18	0.07	0.020		0.020
26	1449	1506	1.09	1.46	1.04	7.18	0.08	0.010		0.020
27	1292	1634	1.06	1.46	1.07	7.20	0.08	0.020	0.01	0.013
28	1481	1367	1.11	1.47	1.07	7.20	0.08	0.020		0.033
29	1940	1571	1.10	1.52	1.09	7.20	0.08	0.020		0.016
30	1421	1083	1.14	1.57	1.06	7.18	0.08	0.020		0.021
Minimum	778	700	0.82	1.30	0.91	7.18	0.07	0.010	0.00	0.010
Maximum	1940	1634	1.20	1.69	1.11	7.30	0.15	0.030	0.02	0.030
Average	1212	1147	1.08	1.50	1.03	7.23	0.09	0.021	0.01	0.019
Count			30	30	30	30	30	30	4	30
Total	36374	34398								
95th Percentile							0.11	0.025		
Exceedences			0		0					

If there is more than one per day reading for free chlorine residual, the daily minimum is reported.

If there is more than one per day reading for turbidity, the daily maximum is reported.

White City WTP - Bacteriological

September 2021	Total Coliform (Count)	E. Coli (Count)	Background Bacteria (Count)	Free Chlorine (mg/L)	Total Chlorine (mg/L)	Turbidity (NTU)
Sep 07	0	0	0	1.20	1.69	0.08
Sep 13	0	0	0	1.06	1.48	0.07
Sep 20	0	0	0	1.13	1.53	0.09
Sep 27	0	0	0	1.06	1.46	0.08
Minimum				1.06	1.46	0.07
Maximum	0	0	0	1.20	1.69	0.09
Average				1.11	1.54	0.08
Count	4	4	4	4	4	4
Exceedences	0	0	0	0	0	

A minimum of 0.10 mg/L free chlorine residual **OR** 0.50 mg/L total chlorine residual is required in each bacteriological sample.

White City Distribution - Bacteriological

September 2021	Sampling Location ()	Total Coliform (Count)	E. Coli (Count)	Background Bacteria (Count)	Free Chlorine (mg/L)	Total Chlorine (mg/L)	Turbidity (NTU)
Sep 07	Fire Hall	0	0	0	1.10	1.50	0.09
Sep 13	TOffice	0	0	0	1.04	1.46	0.10
Sep 20	WCSchool	0	0	0	1.04	1.34	0.19
Sep 27	Tshop	0	0	0	0.81	0.94	0.08
Minimum					0.81	0.94	0.08
Maximum		0	0	0	1.10	1.50	0.19
Average					1.00	1.31	0.12
Count		4	4	4	4	4	4
Exceedences		0	0	0	0	0	

A minimum of 0.10 mg/L free chlorine residual **OR** 0.50 mg/L total chlorine residual is required in each bacteriological sample.

Date	Time	Comment
September 8, 2021		Had IPS out to check noisy distribution motor 208. IPS suspected bearing issues. Took motor back to shop to replace bearings and reinstalled on warranty.
September 15, 2021		PDWA issued on Meadow Rd due to water leak repair. Samples taken and PDWA lifted on September 17.