

White City WTP										
January 2022	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)
Jan 01	738	713	0.87	1.25	0.87	7.23	0.05	0.030		0.016
02	831	700	0.87	1.27	0.89	7.21	0.05	0.030		0.014
03	733	681	0.90	1.25	0.87	7.21	0.05	0.030	0.00	0.013
04	451	505	0.85	1.22	0.88	7.21	0.05	0.020		0.030
05	655	610	0.86	1.20	0.87	7.21	0.05	0.030		0.014
06	758	639	0.87	1.21	0.86	7.21	0.05	0.030		0.015
07	652	657	0.88	1.19	0.86	7.21	0.06	0.030		0.011
08	597	553	0.84	1.17	0.84	7.21	0.07	0.030		0.008
09	767	758	0.87	1.17	0.83	7.21	0.08	0.030		0.020
10	827	703	0.86	1.15	0.84	7.21	0.05	0.030	0.02	0.025
11	642	600	0.81	1.13	0.82	7.21	0.06	0.030		0.012
12	570	595	0.87	1.18	0.83	7.21	0.05	0.030		0.022
13	829	705	0.86	1.21	0.82	7.21	0.05	0.030		0.012
14	616	549	0.86	1.20	0.83	7.21	0.08	0.030		0.011
15	707	716	0.86	1.21	0.84	7.21	0.05	0.030		0.023
16	573	603	0.87	1.21	0.82	7.21	0.05	0.030		0.011
17	697	1028	0.86	1.13	0.82	7.23	0.05	0.030		0.024
18	745	224	0.85	1.11	0.83	7.21	0.22	0.030	0.11	0.024
19	773	723	0.81	1.15	0.84	7.21	0.10	0.030		0.025
20	607	627	0.94	1.14	0.83	7.21	0.08	0.030		0.027
21	509	521	0.86	1.14	0.83	7.20	0.06	0.030		0.021
22	796	698	0.84	1.19	0.91	7.25	0.06	0.020		0.013
23	669	673	0.85	1.22	0.90	7.25	0.09	0.020		0.019
24	651	630	0.88	1.02	0.92	7.25	0.05	0.020	0.01	0.026
25	620	583	0.86	1.21	0.95	7.25	0.05	0.020		0.023
26	788	675	0.93	1.27	0.99	7.25	0.05	0.020		0.019
27	585	582	0.95	1.31	1.01	7.25	0.05	0.020		0.025
28	602	662	0.98	1.34	1.03	7.25	0.04	0.030		0.022
29	871	717	0.94	1.32	1.00	7.25	0.04	0.020		0.024
30	675	677	0.92	1.28	1.00	7.27	0.05	0.020		0.045
31	601	497	0.92	1.29	0.98	7.25	0.05	0.020	0.01	0.015
Minimum	451	224	0.81	1.02	0.82	7.20	0.04	0.020	0.00	0.010
Maximum	871	1028	0.98	1.34	1.03	7.27	0.22	0.030	0.11	0.050
Average	682	639	0.88	1.20	0.88	7.22	0.06	0.025	0.03	0.020
Count			31	31	31	31	31	31	5	31
Total	21135	19804								
95th Percentile							0.09	0.028		
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

January 2022	Total Coliform (Count)	E. Coli (Count)	Background Bacteria (Count)	Free Chlorine (mg/L)	Total Chlorine (mg/L)	Turbidity (NTU)
Jan 04	0	0	0	0.85	1.22	0.05
Jan 10	0	0	0	0.86	1.15	0.05
Jan 17	0	0	0	0.86	1.13	0.05
Jan 24	0	0	0	0.88	1.02	0.05
Jan 31	0	0	0	0.92	1.29	0.05
Minimum				0.85	1.02	0.05
Maximum	0	0	0	0.92	1.29	0.05
Average				0.87	1.16	0.05
Count	5	5	5	5	5	5
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

January 2022	Sampling Location ()	Total Coliform (Count)	E. Coli (Count)	Background Bacteria (Count)	Free Chlorine (mg/L)	Total Chlorine (mg/L)	Turbidity (NTU)
Jan 04	firehall	0	0	0	0.85	1.18	0.06
Jan 10	postoffice	0	0	0	0.74	1.01	0.07
Jan 17	office	0	0	0	0.87	1.11	0.09
Jan 24	firehall	0	0	0	0.83	1.14	0.06
Jan 31	Townshop	0	0	0	0.93	1.22	0.05
Minimum					0.74	1.01	0.05
Maximum		0	0	0	0.93	1.22	0.09
Average					0.84	1.13	0.07
Count		5	5	5	5	5	5
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
January 18, 2022		Lead/Lag distribution pumps were switched and the 50hp pumps were ran for exercise.