

White City WTP										
January 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)
Jan 01	863	622	0.96	1.41	1.04	7.15	0.08	0.039		0.002
02	758	879	0.98	1.41	1.03	7.15	0.09	0.038		0.016
03	771	735	0.93	1.34	1.03	7.15	0.09	0.036		0.006
04	635	604	0.99	1.40	1.04	7.15	0.08	0.037	0.00	0.016
05	731	503	0.99	1.37	1.03	7.15	0.08	0.038		0.019
06	644	654	0.99	1.33	1.00	7.15	0.09	0.039		0.017
07	623	621	0.99	1.39	1.00	7.15	0.09	0.038		0.014
08	684	631	1.00	1.39	0.99	7.15	0.09	0.034		0.016
09	656	612	0.86	1.29	0.98	7.15	0.10	0.037		0.020
10	870	652	1.05	1.46	1.05	7.15	0.11	0.035		0.013
11	752	871	1.13	1.50	1.16	7.15	0.08	0.039	0.02	0.009
12	693	638	1.11	1.61	1.16	7.15	0.08	0.038		0.016
13	783	727	1.11	1.58	1.17	7.15	0.08	0.041		0.013
14	561	503	1.07	1.51	1.16	7.15	0.08	0.041		0.022
15	882	810	1.16	1.63	1.14	7.15	0.09	0.041		0.018
16	492	490	1.10	1.60	1.12	7.15	0.09	0.041		0.000
17	882	900	1.12	1.58	1.08	7.15	0.09	0.041		0.011
18	795	554	1.01	1.64	1.04	7.15	0.08	0.041	0.00	0.006
19	571	660	1.00	1.37	1.02	7.15	0.10	0.039		
20	640	586	0.98	1.32	0.98	7.15	0.10	0.040		0.004
21	844	768	0.96	1.28	0.95	7.15	0.08	0.037		0.009
22	552	478	0.95	1.34	0.94	7.15	0.10	0.039		0.007
23	784	817	0.95	1.32	0.92	7.15	0.11	0.040		0.009
24	624	495	0.92	1.27	0.91	7.15	0.11	0.039		0.007
25	770	808	0.96	1.34	0.90	7.15	0.09	0.039	0.00	0.011
26	607	612	0.94	1.32	0.96	7.15	0.09	0.038		0.019
27	760	639	0.91	1.29	1.00	7.25	0.09	0.038		0.008
28	710	650	0.86	1.17	0.92	7.27	0.11	0.038		0.016
29	694	673	0.91	1.01	0.90	7.25	0.10	0.040		0.007
30	702	728	0.89	1.28	0.87	7.27	0.09	0.042		0.008
31										
Minimum	492	478	0.86	1.01	0.87	7.15	0.08	0.034	0.00	0.000
Maximum	882	900	1.16	1.64	1.17	7.27	0.11	0.042	0.02	0.022
Average	711	664	0.99	1.39	1.02	7.16	0.09	0.039	0.01	0.012
Count			30	30	30	30	30	30	4	29
Total	21333	19920								
95th Percentile							0.11	0.041		
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 2021	Total Coliform (Count)	E. Coli (Count)	Background Bacteria (Count)	Free Chlorine (mg/L)	Total Chlorine (mg/L)	Turbidity (NTU)
Jan 04	0	0	0	0.99	1.04	0.08
Jan 11	0	0	0	1.13	1.50	0.08
Jan 18	0	0	0	1.01	1.64	0.08
Jan 25	0	0	0	0.96	1.34	0.09
Minimum				0.96	1.04	0.08
Maximum	0	0	0	1.13	1.64	0.09
Average				1.02	1.38	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

January 2021	Sampling Location ()	Total Coliform (Count)	E. Coli (Count)	Background Bacteria (Count)	Free Chlorine (mg/L)	Total Chlorine (mg/L)	Turbidity (NTU)
Jan 04	Fire Hall	0	0	0	0.93	1.34	0.12
Jan 11	Tshop	0	0	0	1.09	1.54	0.09
Jan 19	10Paradise	0	0	0	1.02	1.42	0.16
Jan 25	Tshop	0	0	0	0.91	1.26	0.16
Minimum					0.91	1.26	0.09
Maximum		0	0	0	1.09	1.54	0.16
Average					0.99	1.39	0.13
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
January 18, 2021		Hach on-site performing annual maintenance/certification on F201 and F202 turbidimeters.
January 19, 2021	11:00am	Took water sample at 10 Paradise Road for a water complaint relating to the smell of chlorine and hard water scale as per Gary's request.