

White City WTP										
February 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)
Feb 01	478	542	0.87	1.22	0.86	7.27	0.09	0.041	0.02	0.010
02	656	673	0.84	1.18	0.84	7.27	0.13	0.043		0.015
03	634	629	0.86	1.16	0.82	7.25	0.08	0.043		0.007
04	926	737	0.85	1.23	0.83	7.27	0.06	0.041		0.018
05	537	535	0.86	1.13	0.83	7.27	0.10	0.042		0.006
06	529	537	0.79	1.17	0.82	7.27	0.07	0.042		0.011
07	772	723	0.85	1.24	0.83	7.27	0.06	0.043		
08	1060	850	0.93	1.24	0.85	7.24	0.07	0.040	0.00	0.006
09	578	649	0.87	1.23	0.86	7.27	0.09	0.043		0.017
10	709	679	0.88	1.24	0.88	7.27	0.07	0.043		0.010
11	605	614	0.96	1.17	0.87	7.27	0.07	0.045	0.01	0.024
12	906	759	0.86	1.02	0.90	7.27	0.11	0.040		0.010
13	496	410	0.89	1.28	0.90	7.27	0.08	0.042		0.009
14	703	693	0.91	1.34	0.92	7.27	0.12	0.041		0.016
15	915	1014	0.95	1.42	0.98	7.27	0.07	0.041		0.014
16	786	543	0.93	1.40	1.01	7.27	0.10	0.038	0.02	0.020
17	640	653	1.03	1.38	1.01	7.27	0.08	0.040		0.015
18	571	644	1.02	1.39	1.00	7.27	0.09	0.040		0.004
19	636	575	0.97	1.40	0.99	7.25	0.07	0.040	0.00	0.021
20	615	623	0.96	1.35	0.96	7.24	0.11	0.036		0.009
21	739	625	0.96	1.40	0.93	7.22	0.07	0.033		0.010
22	808	741	0.94	1.33	0.91	7.32	0.05	0.029	0.00	0.008
23	677	640	0.92	1.33	0.89	7.21	0.04	0.026		0.022
24	577	600	0.88	1.29	0.85	7.19	0.04	0.026		0.026
25	774	656	0.90	1.32	0.85	7.21	0.04	0.027		0.017
26	705	647	0.90	1.24	0.88	7.22	0.04	0.027	0.00	0.012
27	773	806	0.97	1.18	0.94	7.25	0.05	0.032		0.010
28	621	613	0.97	1.35	1.03	7.27	0.09	0.029		0.006
Minimum	478	410	0.79	1.02	0.82	7.19	0.04	0.026	0.00	0.004
Maximum	1060	1014	1.03	1.42	1.03	7.32	0.13	0.045	0.02	0.026
Average	698	660	0.91	1.27	0.90	7.26	0.08	0.037	0.01	0.013
Count			29	29	29	29	29	29	8	28
Total	19426	18410								
95th Percentile							0.11	0.043		
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

February 2021	Total Coliform (Count)	E. Coli (Count)	Background Bacteria (Count)	Free Chlorine (mg/L)	Total Chlorine (mg/L)	Turbidity (NTU)
Feb 01	0	0	0	0.87	1.22	0.09
Feb 08	0	0	0	0.93	1.24	0.07
Feb 16	0	0	0	0.93	1.40	0.10
Feb 22	0	0	0	0.94	1.33	0.05
Minimum				0.87	1.22	0.05
Maximum	0	0	0	0.94	1.40	0.10
Average				0.92	1.30	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

February 2021	Sampling Location ()	Total Coliform (Count)	E. Coli (Count)	Background Bacteria (Count)	Free Chlorine (mg/L)	Total Chlorine (mg/L)	Turbidity (NTU)
Feb 01	firehall	0	0	0	0.88	1.22	0.11
Feb 08	old school	0	0	0	0.85	1.16	0.18
Feb 16	postoffice	0	0	0	1.01	1.37	0.15
Feb 22	ER School	0	0	0	0.87	1.29	0.07
Minimum					0.85	1.16	0.07
Maximum		0	0	0	1.01	1.37	0.18
Average					0.90	1.26	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
February 2021		Call DXP NatPro for status of new P208 pump delivery. Vendor says estimation of May, but will know more at end of month.
February 9, 2021	12:00	SaskWater I&E repair a programming issue on Town of White City HMI controlling pump switching.