

White City WTP										
October 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)
Oct 01	1253	1242	1.23	1.61	1.11	7.18	0.07	0.030		0.018
02	1069	987	1.21	1.70	1.11	7.18	0.07	0.030		0.017
03	1500	1429	1.20	1.65	1.09	7.16	0.09	0.030		0.033
04	1328	1414	1.17	1.54	1.04	7.16	0.10	0.050	0.00	0.004
05	1762	1828	1.13	1.47	1.02	7.18	0.16	0.040		0.004
06	1800	1675	1.08	1.50	1.01	7.16	0.13	0.050		0.007
07	1112	885	1.11	1.40	0.98	7.16	0.13	0.050		0.028
08	1067	969	1.06	1.44	0.96	7.16	0.10	0.050		0.015
09	1007	931	0.98	1.37	0.93	7.16	0.10	0.050		0.025
10	856	883	0.95	1.37	0.91	7.16	0.09	0.040		0.015
11	794	640	0.95	1.35	0.91	7.16	0.09	0.040		0.011
12	1062	996	0.89	1.29	0.89	7.18	0.10	0.040	0.03	0.015
13	882	761	0.85	1.17	0.89	7.18	0.10	0.040		0.011
14	646	632	0.88	1.24	0.86	7.16	0.11	0.040		0.010
15	703	618	0.88	1.21	0.84	7.16	0.10	0.040		0.021
16	451	408	0.88	1.25	0.84	7.18	0.11	0.040		0.019
17	649	724	0.93	1.16	0.83	7.18	0.11	0.040		0.010
18	1441	1043	0.82	1.19	0.84	7.18	0.10	0.040	0.01	0.014
19	649	684	0.87	1.17	0.79	7.18	0.08	0.040		0.020
20	762	613	0.80	1.17	0.81	7.18	0.08	0.030		0.012
21	780	662	0.84	1.18	0.79	7.18	0.08	0.030		0.005
22	567	595	0.84	1.20	0.79	7.18	0.08	0.040		0.011
23	760	813	0.86	1.20	0.81	7.20	0.10	0.040		0.022
24	925	811	0.88	1.28	0.85	7.20	0.09	0.040		0.013
25	886	773	0.92	1.23	0.89	7.20	0.08	0.040	0.00	0.016
26	714	676	0.95	1.33	0.90	7.20	0.09	0.040		0.013
27	691	630	0.96	1.32	0.89	7.20	0.09	0.040		0.019
28	478	491	0.92	1.33	0.89	7.20	0.10	0.040		0.032
29	870	708	0.97	1.39	0.91	7.20	0.11	0.040		0.020
30	518	409	1.09	1.42	0.99	7.20	0.08	0.040		0.023
31	716	817	1.10	1.55	1.08	7.21	0.08	0.040		0.027
Minimum	451	408	0.80	1.16	0.79	7.16	0.07	0.030	0.00	0.000
Maximum	1800	1828	1.23	1.70	1.11	7.21	0.16	0.050	0.03	0.030
Average	926	863	0.97	1.34	0.92	7.18	0.10	0.039	0.01	0.016
Count			31	31	31	31	31	31	4	31
Total	28698	26747								
95th Percentile							0.13	0.048		
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

October 2021	Total Coliform (Count)	E. Coli (Count)	Background Bacteria (Count)	Free Chlorine (mg/L)	Total Chlorine (mg/L)	Turbidity (NTU)
Oct 04	0	0	0	1.17	1.54	0.10
Oct 12	0	0	0	0.89	1.29	0.10
Oct 18	0	0	0	0.82	1.19	0.10
Oct 25	0	0	0	0.92	1.23	0.08
Minimum				0.82	1.19	0.08
Maximum	0	0	0	1.17	1.54	0.10
Average				0.95	1.31	0.10
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

October 2021	Sampling Location ()	Total Coliform (Count)	E. Coli (Count)	Background Bacteria (Count)	Free Chlorine (mg/L)	Total Chlorine (mg/L)	Turbidity (NTU)
Oct 04	Town Shop	0	0	0	1.15	1.47	0.19
Oct 12	Town office	0	0	0	0.92	1.22	0.17
Oct 18	Post Office	0	0	0	0.39	0.78	0.12
Oct 25	er school	0	0	0	0.86	1.13	0.10
Minimum					0.39	0.78	0.10
Maximum		0	0	0	1.15	1.47	0.19
Average					0.83	1.15	0.15
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
October 4-6, 2021		Annual valve exercising and hydrant flushing.
October 22, 2021		Town staff flush hydrant at Jameson Estates. SaskWater on-site to perform on-site chlorine residual testing for informational purposes.
October 26&27, 2021		SaskWater take two "other" bactis samples after PDWA was issued from Town leak repair.
October 28, 2021		PDWA on Jameson Estates was lifted after both bacti samples tested negative.