

White City WTP										
March 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)
Mar 01	746	629	1.02	1.52	1.12	7.27	0.06	0.029	0.00	0.005
02	945	747	1.18	1.65	1.20	7.28	0.10	0.031		0.016
03	444	540	1.16	1.64	1.22	7.28	0.06	0.036		0.023
04	646	643	1.23	1.74	1.25	7.27	0.06	0.036		0.017
05	832	680	1.24	1.72	1.27	7.28	0.05	0.038		0.011
06	771	729	1.29	1.74	1.28	7.28	0.06	0.043		0.020
07	633	648	1.23	1.72	1.29	7.28	0.08	0.044		0.012
08	850	685	1.25	1.80	1.30	7.28	0.06	0.045	0.00	0.020
09	613	406	1.30	1.57	1.37	7.27	0.07	0.040		0.011
10	717	665	1.43	1.93	1.44	7.27	0.08	0.041		0.009
11	630	622	1.51	2.04	1.49	7.27	0.06	0.042		0.016
12	769	751	1.47	2.09	1.51	7.27	0.06	0.042		0.013
13	792	709	1.48	2.04	1.52	7.27	0.06	0.041		0.013
14	817	765	1.48	2.02	1.49	7.27	0.06	0.042		0.017
15	697	550	1.42	1.99	1.48	7.27	0.06	0.044	0.00	0.009
16	559	668	1.49	2.02	1.45	7.27	0.07	0.043		0.014
17	775	665	1.41	1.97	1.47	7.27	0.06	0.041		0.015
18	750	682	1.38	1.95	1.45	7.27	0.06	0.042		0.009
19	605	620	1.42	1.96	1.44	7.27	0.07	0.046		0.021
20	815	859	1.44	1.95	1.41	7.25	0.06	0.042		0.020
21	886	693	1.46	1.90	1.40	7.25	0.06	0.041		0.008
22	790	664	1.39	1.89	1.43	7.25	0.06	0.038	0.01	0.021
23	556	632	1.40	1.88	1.41	7.25	0.05	0.043		0.014
24	721	708	1.45	2.00	1.39	7.25	0.05	0.044		0.009
25	977	714	1.28	1.83	1.29	7.25	0.05	0.042	0.01	0.006
26	511	601	1.15	1.61	1.17	7.25	0.07	0.045		0.019
27	822	848	1.06	1.51	1.07	7.25	0.09	0.047		0.017
28	657	641	1.00	1.45	1.00	7.25	0.05	0.044		0.016
29	916	692	0.98	1.31	0.95	7.25	0.07	0.043		0.012
30	93	692	0.97	1.35	0.92	7.25	0.06	0.047	0.01	0.027
31	856	660	0.96	1.27	0.90	7.25	0.05	0.044		0.014
Minimum	93	406	0.96	1.27	0.90	7.25	0.05	0.029	0.00	0.005
Maximum	977	859	1.51	2.09	1.52	7.28	0.10	0.047	0.01	0.027
Average	716	671	1.29	1.78	1.30	7.26	0.06	0.041	0.01	0.015
Count			31	31	31	31	31	31	6	31
Total	22191	20808								
95th Percentile							0.08	0.046		
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

March 2021	Total Coliform (Count)	E. Coli (Count)	Background Bacteria (Count)	Free Chlorine (mg/L)	Total Chlorine (mg/L)	Turbidity (NTU)
Mar 01	0	0	0	1.02	1.52	0.06
Mar 08	0	0	0	1.25	1.80	0.06
Mar 15	0	0	0	1.42	1.99	0.06
Mar 22	0	0	0	1.39	1.89	0.06
Mar 29	0	0	0	0.98	1.31	0.07
Minimum				0.98	1.31	0.06
Maximum	0	0	0	1.42	1.99	0.07
Average				1.21	1.70	0.06
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

March 2021	Sampling Location ()	Total Coliform (Count)	E. Coli (Count)	Background Bacteria (Count)	Free Chlorine (mg/L)	Total Chlorine (mg/L)	Turbidity (NTU)
Mar 01	Town Shop	0	0	0	0.93	1.39	0.08
Mar 08	oldschool	0	0	0	1.20	1.66	0.08
Mar 15	postoffice	0	0	0	1.40	1.65	0.14
Mar 22	newschool	0	0	0	1.39	1.85	0.09
Mar 29	shop	0	0	0	0.85	1.20	0.07
Minimum					0.85	1.20	0.07
Maximum		0	0	0	1.40	1.85	0.14
Average					1.15	1.55	0.09
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
March 17, 2021		The 50hp electric motors on P215 and P315 had oil changes and were greased
March 23, 2021		SaskWater responded to a customer complaint at 33 Federal Drive. A water sample was taken and chlorine residuals tested. The total was tested at 1.79mg/L, the free was 1.41mg/L and the turbidity was 0.09NTU. The customer was notified that there was nothing out of the ordinary but there there can be chemical reactions along the path of the water to the point of use.
March 24, 2021		Pump 208 was removed as it had failed. The motor was taken to Integrated Power Services for testing/repair and the discharge head was given to Town staff for cleaning and painting. New pump to be installed in early April.