

White City WTP										
December 2023	Raw Volume (m3) Avg	Treated Volume (m3) Avg	Treated Free Chlorine (mg/L) Min	Treated Total Chlorine (mg/L) Min	Treated Free Chlorine (Analyser) (mg/L) Min	Treated pH (Analyser) (pH units) Avg	Treated Turbidity (NTU) Max	Treated Turbidity (Analyser) (NTU) Max	Treated Iron (mg/L) Avg	Treated Manganese (mg/L) Avg
Dec 01	522	447	0.89	1.33	0.95	7.15	0.09	0.030		0.018
02	527	585	0.92	1.36	0.99	7.17	0.08	0.034		0.019
03	704	642	0.96	1.37	1.01	7.18	0.07	0.036		0.019
04	794	783	1.00	1.38	1.05	7.18	0.07	0.034	0.02	0.014
05	727	612	1.01	1.36	1.00	7.17	0.08	0.035		0.014
06	668	630	1.05	1.38	1.00	7.18	0.09	0.038		0.043
07	556	581	1.03	1.37	0.99	7.17	0.08	0.042		0.008
08	827	734	0.95	1.33	0.98	7.18	0.09	0.043		0.009
09	719	662	0.97	1.41	0.97	7.17	0.10	0.043		0.015
10	443	461	0.99	1.38	0.97	7.17	0.06	0.045		0.010
11	851	759	0.99	1.40	0.97	7.17	0.06	0.046	0.00	0.004
12	575	615	1.01	1.38	0.98	7.17	0.07	0.049		0.013
13	715	677	0.98	1.39	0.97	7.17	0.07	0.046		0.016
14	769	632	0.98	1.29	0.95	7.15	0.08	0.044		0.020
15	671	616	0.97	1.40	0.97	7.14	0.06	0.041		0.021
16	709	613	1.04	1.48	1.00	7.13	0.05	0.039		0.021
17	741	703	1.07	1.44	1.01	7.13	0.07	0.035		0.008
18	851	858	1.08	1.47	1.03	7.13	0.09	0.034	0.02	0.015
19	776	680	1.04	1.47	1.01	7.13	0.06	0.034		0.020
20	638	648	0.94	1.29	1.00	7.13	0.09	0.034		0.100
21	643	645	1.07	1.50	1.05	7.14	0.07	0.037		0.017
22	809	688	1.11	1.59	1.10	7.14	0.07	0.033		0.012
23	687	636	1.19	1.64	1.12	7.14	0.07	0.036		0.002
24	642	624	1.15	1.63	1.14	7.14	0.06	0.042		0.022
25	767	783	1.06	1.54	1.15	7.14	0.06	0.035	0.00	0.013
26	847	709	1.13	1.53	1.08	7.14	0.06	0.034		0.018
27	736	628	1.06	1.47	1.05	7.14	0.07	0.034		0.018
28	589	588	1.06	1.44	0.98	7.14	0.08	0.038		0.013
29	552	546	0.97	1.32	0.96	7.14	0.08	0.041		0.011
30	751	634	1.01	1.36	0.93	7.14	0.06	0.043		0.011
31	629	644	0.91	1.31	0.99	7.14	0.07	0.043		0.008
Minimum	443	447	0.89	1.29	0.93	7.13	0.05	0.030	0.00	0.002
Maximum	851	858	1.19	1.64	1.15	7.18	0.10	0.049	0.02	0.100
Average	691	647	1.02	1.42	1.01	7.15	0.07	0.039	0.01	0.018
Count			31	31	31	31	31	31	4	31
Total	21435	20063								
95th Percentile							0.09	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 (Raw Water)			
December 2023	Total Coliform (Count)	E. Coli (Count)	Background Bacteria (Count)
Dec 04	0	0	0

White City WTP - Bacteriological						
December 2023	Total Coliform (Count)	E. Coli (Count)	Background Bacteria (Count)	Free Chlorine (mg/L)	Total Chlorine (mg/L)	Turbidity (NTU)
Dec 04	0	0	0	1.00	1.38	0.07
Dec 11	0	0	0	0.99	1.40	0.06
Dec 18	0	0	0	1.08	1.47	0.09
Dec 27	0	0	0	1.06	1.47	0.07
Minimum				0.99	1.38	0.06
Maximum	0	0	0	1.08	1.47	0.09
Average				1.03	1.43	0.07
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							
December 2023	Sampling Location ()	Total Coliform (Count)	E. Coli (Count)	Background Bacteria (Count)	Free Chlorine (mg/L)	Total Chlorine (mg/L)	Turbidity (NTU)
Dec 04	TownShop	0	0	0	0.96	1.31	0.10
Dec 11	Post office	0	0	0	0.58	1.30	0.07
Dec 18	TownOffice	0	0	0	1.02	1.17	0.11
Dec 27	TownShop	0	0	0	1.09	1.49	0.07
Minimum					0.58	1.17	0.07
Maximum		0	0	0	1.09	1.49	0.11
Average					0.91	1.32	0.09
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
December 20, 2023		IPS on-site assisting SaskWater to reinstall motor 208 after IPS rebuilt it.