

White City WTP										
January 2024	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
Jan 01	849	807	0.91	1.23	0.96	7.14	0.06	0.040	0.00	0.005
02	590	591	0.89	1.30	0.94	7.13	0.06	0.038		0.016
03	909	749	0.87	1.16	0.91	7.14	0.08	0.037		0.003
04	714	664	0.89	1.23	0.90	7.14	0.07	0.038		0.023
05	603	584	0.86	1.22	0.88	7.14	0.07	0.035		0.019
06	535	544	0.87	1.02	0.88	7.14	0.06	0.034		0.010
07	919	799	0.87	1.24	0.89	7.14	0.06	0.033		0.018
08	656	616	0.87	1.21	0.90	7.14	0.06	0.034	0.00	0.006
09	691	615	0.90	1.22	0.93	7.14	0.08	0.029		0.020
10	518	561	0.89	1.23	0.93	7.14	0.08	0.026		0.009
11	809	639	0.88	1.22	0.93	7.14	0.06	0.026		0.008
12	656	659	0.88	1.23	0.93	7.14	0.07	0.029		0.007
13	617	568	0.90	1.24	0.92	7.14	0.05	0.029		0.021
14	590	586	0.88	1.23	0.92	7.14	0.05	0.028		0.010
15	914	789	0.85	1.19	0.92	7.14	0.06	0.032	0.01	0.016
16	796	751	0.93	1.17	0.94	7.14	0.06	0.028		0.005
17	527	511	0.94	1.22	0.93	7.14	0.12	0.027		0.012
18	999	794	0.86	1.22	0.94	7.14	0.10	0.029		0.023
19	453	520	0.86	1.18	0.94	7.14	0.07	0.029		0.006
20	497	461	0.92	1.26	0.93	7.14	0.09	0.030		0.011
21	997	871	0.96	1.25	1.01	7.13	0.08	0.030		0.023
22	637	614	0.98	1.31	1.02	7.10	0.06	0.029	0.03	0.007
23	616	602	0.96	1.37	1.00	7.09	0.07	0.029		0.021
24	641	624	0.94	1.35	1.00	7.07	0.08	0.027		0.030
25	645	576	0.91	1.28	1.00	7.07	0.10	0.025		0.025
26	788	657	0.91	1.36	1.00	7.07	0.06	0.026		0.023
27	639	663	0.95	1.34	0.99	7.06	0.05	0.026		0.029
28	413	416	0.92	1.38	0.97	7.06	0.05	0.026		0.030
29	843	827	1.00	1.25	0.97	7.06	0.07	0.022	0.00	0.022
30	666	583	0.92	1.31	0.96	7.06	0.06	0.024		0.031
31	707	596	0.91	1.31	0.95	7.06	0.07	0.026		0.017
Minimum	413	416	0.85	1.02	0.88	7.06	0.05	0.022	0.00	0.003
Maximum	999	871	1.00	1.38	1.02	7.14	0.12	0.040	0.03	0.031
Average	691	640	0.91	1.25	0.94	7.12	0.07	0.030	0.01	0.016
Count			31	31	31	31	31	31	5	31
Total	21434	19837								
95th Percentile							0.10	0.038		
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)			
January 2024	Total Coliform (Count)	E. Coli (Count)	Background Bacteria (Count)
Jan 02	0	0	0

White City WTP - Bacteriological						
January 2024	Total Coliform (Count)	E. Coli (Count)	Background Bacteria (Count)	Free Chlorine (mg/L)	Total Chlorine (mg/L)	Turbidity (NTU)
Jan 02	0	0	0	0.89	1.30	0.06
Jan 08	0	0	0	0.87	1.21	0.06
Jan 15	0	0	0	0.85	1.19	0.06
Jan 22	0	0	0	0.98	1.31	0.06
Jan 29	0	0	0	1.00	1.25	0.07
Minimum				0.85	1.19	0.06
Maximum	0	0	0	1.00	1.31	0.07
Average				0.92	1.25	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							
January 2024	Sampling Location ()	Total Coliform (Count)	E. Coli (Count)	Background Bacteria (Count)	Free Chlorine (mg/L)	Total Chlorine (mg/L)	Turbidity (NTU)
Jan 02	PostOffice	0	0	0	0.95	1.17	0.14
Jan 08	ER School	0	0	0	0.85	1.19	0.06
Jan 15	TownShop	0	0	0	0.89	1.15	0.10
Jan 22	PostOffice	0	0	0	0.96	1.29	0.07
Jan 29	OldSchool	0	0	0	0.88	1.24	0.08
Minimum					0.85	1.15	0.06
Maximum		0	0	0	0.96	1.29	0.14
Average					0.91	1.21	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
January 15, 2024		Moskal Mechanical was hired to replace the 4" check valve on P208 discharge head.