



Kale Black, Sr. Drinking Water Officer
Office of Drinking Water, Manitoba Conservation and Climate
309 – 25 Tupper Street North
Portage La Prairie, MB R1N 3K1

June 6, 2025

RE: MAY 2025 WATER QUALITY COMPLIANCE SUBMISSION FOR THE CITY OF WINNIPEG WATER SUPPLY SYSTEM

Please find attached on-line and grab turbidity summary reports, on-line and grab chlorine summary reports and the UV summary report for the Water Treatment Plant for May 2025.

The on-line and grab sampling turbidity reports include results obtained for the Water Treatment Plant raw water and the eight filters. The maximum turbidity analyzer reading was greater than 0.30 NTU on Filter 4 on May 15; the elevated turbidity occurred for less than 12 consecutive hours. The turbidity results for the filter effluent met the licence requirements.

The on-line and grab sampling chlorine reports include results obtained for the Deacon Booster Pumping Station at the Water Treatment Plant. The free chlorine results at the Water Treatment Plant met the licence requirements.

The UV summary reports include results obtained for the six UV reactors at the Water Treatment Plant. The UV disinfection results met the licence requirements.

Please let me know of any concerns or questions respecting this submission. I can be reached by telephone at 204-986-8359 or by e-mail at rgrosselle@winnipeg.ca.

Yours sincerely,

R. Grosselle
Manager of Environmental Standards
Enclosures

cc: Dr. L. Richards, Winnipeg Regional Health Authority (email)
Dr. H. Chang, Winnipeg Regional Health Authority (email)
Dr. T. Hilderman, Manitoba Health and Seniors Care (email)
T. Shanks, M. Eng., P. Eng. (email)
M. Szmon, P. Eng. (email)
H. Buhler, P. Eng. (email)
C. Wiebe, P. Eng. (email)
C. Diduck (email)



CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
WATER SERVICES

Water System Code: **252.00**

Licence Number: **PWS-09-412-02-AA**

WATER TREATMENT PLANT TURBIDITY ON-LINE MONITORING REPORT

May 2025 Turbidity (NTU)																	
Date	Raw	Filter #1		Filter #2		Filter #3		Filter #4		Filter #5		Filter #6		Filter #7		Filter #8	
	Avg	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max
1/05/2025	0.92	0.05	0.10	0.05	0.08	0.03	0.06	0.07	0.11	0.02	0.05	0.01	0.04	0.03	0.05	0.07	0.09
2/05/2025	1.01	0.04	0.08	0.04	0.10	0.03	0.07	0.07	0.12	0.04	0.06	0.01	0.04	0.03	0.05	0.11	0.13
3/05/2025	1.02	0.04	0.09	0.05	0.10	0.03	0.06	0.08	0.13	0.04	0.07	0.01	0.05	0.04	0.05	0.12	0.17
4/05/2025	1.04	0.04	0.09	0.06	0.07	0.03	0.06	0.10	0.15	0.04	0.08	0.02	0.06	0.03	0.06	0.17	0.25
5/05/2025	1.10	0.04	0.07	0.06	0.09	0.03	0.06	0.11	0.20	0.06	0.10	0.04	0.10	0.03	0.05	0.09	0.25
6/05/2025	1.15	0.05	0.16	0.09	0.24	0.04	0.13	0.15	0.20	0.05	0.13	0.04	0.08	0.02	0.07	0.00	0.02
7/05/2025	0.78	0.04	0.08	0.08	0.13	0.03	0.08	0.13	0.18	0.01	0.05	0.04	0.09	0.03	0.04	0.00	0.02
8/05/2025	0.75	0.04	0.07	0.09	0.13	0.03	0.07	0.13	0.20	0.02	0.06	0.06	0.09	0.03	0.05	0.00	0.02
9/05/2025	0.74	0.05	0.07	0.10	0.14	0.04	0.09	0.14	0.23	0.02	0.06	0.06	0.10	0.03	0.06	0.00	0.02
10/05/2025	0.73	0.04	0.09	0.09	0.14	0.04	0.08	0.11	0.22	0.03	0.09	0.07	0.12	0.02	0.05	0.00	0.01
11/05/2025	0.74	0.02	0.16	0.09	0.14	0.04	0.07	0.09	0.14	0.03	0.07	0.09	0.14	0.02	0.04	0.02	0.07
12/05/2025	0.78	0.02	0.05	0.10	0.15	0.04	0.07	0.09	0.16	0.04	0.07	0.14	0.20	0.03	0.05	0.06	0.09
13/05/2025	0.80	0.01	0.05	0.10	0.16	0.05	0.09	0.10	0.16	0.06	0.11	0.09	0.24	0.03	0.05	0.05	0.10
14/05/2025	0.84	0.02	0.06	0.13	0.16	0.05	0.09	0.09	0.15	0.10	0.17	0.03	0.06	0.03	0.08	0.05	0.08
15/05/2025	0.89	0.03	0.08	0.13	0.16	0.05	0.08	0.10	0.41	0.14	0.21	0.03	0.07	0.03	0.07	0.05	0.20
16/05/2025	0.92	0.03	0.06	0.10	0.19	0.06	0.09	0.10	0.15	0.12	0.29	0.03	0.07	0.05	0.09	0.06	0.10
17/05/2025	1.10	0.05	0.10	0.07	0.11	0.05	0.11	0.08	0.13	0.01	0.07	0.04	0.08	0.07	0.12	0.08	0.11
18/05/2025	0.99	0.06	0.14	0.08	0.13	0.05	0.11	0.08	0.15	0.01	0.04	0.05	0.08	0.13	0.16	0.08	0.12
19/05/2025	0.87	0.09	0.12	0.10	0.14	0.06	0.11	0.08	0.14	0.01	0.06	0.05	0.08	0.08	0.21	0.10	0.14
20/05/2025	0.87	0.11	0.15	0.09	0.13	0.07	0.10	0.10	0.14	0.01	0.05	0.05	0.09	0.05	0.09	0.13	0.20
21/05/2025	0.93	0.13	0.20	0.08	0.13	0.06	0.13	0.09	0.15	0.01	0.05	0.06	0.10	0.05	0.08	0.20	0.25
22/05/2025	0.86	0.10	0.20	0.08	0.11	0.06	0.11	0.08	0.16	0.01	0.05	0.08	0.10	0.06	0.08	0.09	0.29
23/05/2025	0.87	0.06	0.09	0.10	0.12	0.07	0.12	0.10	0.16	0.02	0.05	0.09	0.13	0.06	0.08	0.05	0.10
24/05/2025	0.86	0.05	0.09	0.08	0.13	0.09	0.13	0.12	0.18	0.03	0.08	0.12	0.18	0.06	0.19	0.07	0.10
25/05/2025	0.87	0.04	0.09	0.08	0.12	0.08	0.13	0.14	0.19	0.04	0.10	0.14	0.20	0.06	0.09	0.08	0.10
26/05/2025	1.08	0.03	0.06	0.07	0.12	0.07	0.13	0.14	0.21	0.06	0.11	0.08	0.21	0.07	0.08	0.09	0.12
27/05/2025	1.79	0.03	0.07	0.07	0.12	0.08	0.13	0.13	0.20	0.09	0.16	0.00	0.03	0.07	0.10	0.13	0.17
28/05/2025	2.47	0.03	0.06	0.08	0.12	0.08	0.14	0.13	0.20	0.13	0.30	0.00	0.04	0.08	0.12	0.17	0.24
29/05/2025	1.84	0.02	0.09	0.05	0.13	0.07	0.12	0.12	0.18	0.02	0.14	0.00	0.03	0.06	0.12	0.06	0.13
30/05/2025	0.81	0.01	0.05	0.04	0.08	0.05	0.09	0.11	0.17	0.02	0.09	0.00	0.03	0.02	0.05	0.03	0.06
31/05/2025	0.76	0.01	0.05	0.04	0.10	0.05	0.10	0.11	0.17	0.02	0.07	0.01	0.04	0.02	0.05	0.03	0.05
Total Number of Measurements Taken, A:		16599		16340		16635		17682		16407		15630		16584		14003	
Turbidity Standard for Monitoring Location (NTU):		0.3		0.3		0.3		0.3		0.3		0.3		0.3		0.3	
Number of Measurements Meeting Standard, B:		16599		16340		16635		17681		16407		15630		16584		14003	
Compliance with Turbidity Standard, C = B/A X 100%:		100.000%		100.000%		100.000%		99.99%		100.000%		100.000%		100.000%		100.000%	

File Path: N:\Water Treatment Branch\Administration\Reports\Regulatory Submissions\Turbidity\2025\05-May

Submitted By (Print): D. Merredew

Signature: original signed by D. Merredew

Water Treatment Plant Turbidity Grab Monitoring Report

May 2025

Water System Code: 252.00		Turbidity (NTU)																
Licence No. PWS-09-412-02 AA																		
Date	Raw Water		Filter 1		Filter 2		Filter 3		Filter 4		Filter 5		Filter 6		Filter 7		Filter 8	
	Grab	Analyser	Grab	Analyser	Grab	Analyser	Grab	Analyser	Grab	Analyser	Grab	Analyser	Grab	Analyser	Grab	Analyser	Grab	Analyser
01-May-2025	0.65	1.03	0.09	0.06	0.10	0.08	0.08	0.03	0.08	0.10	0.07	0.04	0.08	0.03	0.06	0.02	0.07	0.09
02-May-2025	0.71	1.01	0.09	0.05	0.09	0.06	0.10	0.04	0.10	0.09	0.08	0.04	0.07	0.02	0.07	0.03	0.08	0.12
03-May-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04-May-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05-May-2025	0.53	0.97	0.09	0.04	0.09	0.06	0.09	0.03	0.08	0.12	0.07	0.07	0.08	0.06	0.09	0.03	0.07	<0.02
06-May-2025	0.63	1.08	0.13	0.06	0.11	0.12	0.10	0.05	0.11	0.16	0.08	0.11	0.07	0.06	0.09	0.02	0.07	<0.02
07-May-2025	0.72	1.03	0.09	0.05	0.09	0.10	0.08	0.04	0.10	0.16	0.08	<0.02	0.07	0.06	0.10	0.02	0.08	<0.02
08-May-2025	0.69	0.87	0.09	0.04	0.10	0.10	0.09	0.04	0.09	0.14	0.08	0.04	0.08	0.07	0.08	0.02	0.09	0.03
09-May-2025	0.78	0.96	0.09	0.06	0.10	0.11	0.09	0.05	0.09	0.15	0.07	0.03	0.08	0.08	0.09	0.03	0.07	<0.02
10-May-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
11-May-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
12-May-2025	0.64	0.91	0.09	0.03	0.09	0.11	0.10	0.06	0.10	0.11	0.07	0.07	0.09	0.15	0.08	0.02	0.08	0.08
13-May-2025	0.70	0.93	0.10	0.02	0.09	0.12	0.09	0.06	0.12	0.12	0.08	0.07	0.07	0.23	0.08	0.02	0.08	0.07
14-May-2025	0.76	1.07	0.10	0.02	0.10	0.14	0.10	0.05	0.09	0.10	0.09	0.13	0.09	0.04	0.08	0.03	0.09	0.07
15-May-2025	0.80	1.06	0.09	0.04	0.09	0.15	0.09	0.05	0.08	0.10	0.07	0.16	0.08	0.06	0.08	0.04	0.07	0.07
16-May-2025	0.74	1.07	0.10	0.04	0.11	0.18	0.10	0.06	0.10	0.11	0.08	0.24	0.08	0.05	0.07	0.04	0.07	0.07
17-May-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
18-May-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
19-May-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
20-May-2025	0.65	0.80	0.12	0.13	0.13	0.12	0.12	0.08	0.11	0.10	0.08	<0.02	0.08	0.06	0.09	0.05	0.09	0.14
21-May-2025	0.75	1.03	0.13	0.21	0.10	0.10	0.12	0.09	0.12	0.11	0.11	0.03	0.08	0.07	0.08	0.06	0.08	0.20
22-May-2025	0.75	0.75	0.10	0.19	0.11	0.10	0.11	0.07	0.13	0.13	0.11	0.02	0.10	0.08	0.10	0.05	0.13	0.28
23-May-2025	0.80	0.82	0.11	0.07	0.12	0.11	0.11	0.08	0.10	0.11	0.09	0.03	0.10	0.11	0.10	0.07	0.08	0.07
24-May-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
25-May-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
26-May-2025	0.75	1.10	0.09	0.04	0.09	0.08	0.11	0.10	0.11	0.17	0.09	0.08	0.09	0.12	0.08	0.07	0.09	0.11
27-May-2025	0.81	1.11	0.10	0.04	0.10	0.08	0.09	0.08	0.09	0.14	0.09	0.10	0.10	<0.02	0.09	0.07	0.09	0.14
28-May-2025	0.72	1.01	0.10	0.04	0.10	0.09	0.10	0.09	0.10	0.15	0.07	0.18	0.08	<0.02	0.09	0.09	0.10	0.21
29-May-2025	0.97	1.13	0.11	0.05	0.11	0.10	0.10	0.11	0.11	0.15	0.09	<0.02	0.08	<0.02	0.09	0.10	0.09	0.04
30-May-2025	0.81	1.13	0.13	0.04	0.11	0.05	0.10	0.06	0.10	0.13	0.11	0.03	0.09	<0.02	0.08	0.02	0.08	0.04
31-May-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Total number of measurements taken, A:			21		21		21		21		21		21		21		21	
Turbidity Standard for Monitoring Location (NTU):			0.30		0.30		0.30		0.30		0.30		0.30		0.30		0.30	
Number of measurements meeting standard, B:			21		21		21		21		21		21		21		21	
Compliance with Turbidity Standard, C= B/A X 100%:			100%		100%		100%		100%		100%		100%		100%		100%	

na: not analyzed nr: no result ns: no sample o/l: offline im: instrument maintenance

Comments:

Report Date: June 6, 2025

**City Of Winnipeg**Water and Waste Department
Water Services**WATER TREATMENT PLANT FREE CHLORINE ON-LINE MONITORING REPORT**
Deacon Booster Pumping StationWater System Code: **252.00**
Licence Number: **PWS-09-412-02-AA**
Report Created: 01 June 2025

Report Period: May 2025

Date	BRANCH 1 [mg/L]		BRANCH 2 [mg/L]	
	Average	Minimum	Average	Minimum
01/05/2025	1.39	1.17	1.41	1.18
02/05/2025	1.21	1.09	1.20	1.08
03/05/2025	1.25	1.22	1.23	1.16
04/05/2025	1.27	1.16	1.23	1.10
05/05/2025	1.21	1.16	1.18	1.09
06/05/2025	1.17	1.02	1.14	1.00
07/05/2025	1.04	0.88	1.10	1.02
08/05/2025	1.18	0.73	1.23	0.92
09/05/2025	1.32	0.98	1.28	1.05
10/05/2025	1.39	1.23	1.29	1.18
11/05/2025	1.31	1.23	1.26	1.20
12/05/2025	1.38	1.33	1.35	1.28
13/05/2025	1.33	1.28	1.29	1.26
14/05/2025	1.26	1.20	1.25	1.20
15/05/2025	1.30	0.94	1.32	1.15
16/05/2025	1.29	1.11	1.34	1.21
17/05/2025	1.24	1.06	1.26	1.09
18/05/2025	1.27	1.24	1.27	1.23
19/05/2025	1.31	1.24	1.31	1.23
20/05/2025	1.38	1.15	1.36	1.31
21/05/2025	1.45	1.39	1.43	1.26
22/05/2025	1.37	1.25	1.39	1.20
23/05/2025	1.48	1.42	1.55	1.44
24/05/2025	1.46	1.20	1.50	1.21
25/05/2025	1.44	1.27	1.45	1.30
26/05/2025	1.44	1.26	1.46	1.27
27/05/2025	1.52	1.45	1.56	1.48
28/05/2025	1.53	1.47	1.56	1.51
29/05/2025	1.47	1.41	1.40	1.18
30/05/2025	1.56	1.43	1.37	1.22
31/05/2025	1.47	1.38	1.31	1.23

Total Number of Measurements, A:	21416	21416
Minimum Free Chlorine Standard:	0.5	0.5
Number of Measurements Meeting Standard, B:	21416	21416
COMPLIANCE, C = B/A X 100%:	100.00	100.00

File Path: N:\Water Treatment Branch\Administration\Reports\Regulatory Submissions\Chlorine\2025\05-May

Submitted By (Print): D. MerredewSignature: original signed by D. Merredew



Water Treatment Plant Chlorine Grab Monitoring Report May 2025

Water System Code: 252.00		Deacon Booster Pumping Station Branch 1			Deacon Booster Pumping Station Branch 2		
Licence No. PWS-09-412-02 AA							
Date	Free Chlorine (mg/L)		Total Chlorine (mg/L)	Free Chlorine (mg/L)		Total Chlorine (mg/L)	
	Analyser	Grab	Grab	Analyser	Grab	Grab	
01-May-2025	1.40	1.42	1.60	1.41	1.37	1.55	
02-May-2025	1.10	1.10	1.26	1.12	1.13	1.29	
03-May-2025	1.24	1.29	1.46	ns	ns	ns	
04-May-2025	ns	ns	ns	ns	ns	ns	
05-May-2025	1.20	1.23	1.32	1.17	1.22	1.39	
06-May-2025	1.19	1.24	1.41	1.15	1.20	1.44	
07-May-2025	0.97	0.96	1.15	1.04	1.06	1.26	
08-May-2025	1.16	1.14	1.34	1.24	1.26	1.50	
09-May-2025	1.16	1.18	1.39	1.26	1.32	1.55	
10-May-2025	ns	ns	ns	ns	ns	ns	
11-May-2025	ns	ns	ns	ns	ns	ns	
12-May-2025	1.35	1.41	1.59	1.30	1.38	1.59	
13-May-2025	1.34	1.36	1.57	1.31	1.35	1.61	
14-May-2025	1.23	1.28	1.49	1.23	1.24	1.47	
15-May-2025	1.32	1.36	1.56	1.27	1.28	1.51	
16-May-2025	1.26	1.30	1.51	1.28	1.30	1.54	
17-May-2025	ns	ns	ns	ns	ns	ns	
18-May-2025	ns	ns	ns	ns	ns	ns	
19-May-2025	ns	ns	ns	ns	ns	ns	
20-May-2025	1.36	1.42	1.62	1.34	1.39	1.65	
21-May-2025	1.46	1.47	1.72	1.40	1.40	1.68	
22-May-2025	1.26	1.37	1.53	1.32	1.33	1.55	
23-May-2025	1.43	1.51	1.74	1.49	1.50	1.60	
24-May-2025	ns	ns	ns	ns	ns	ns	
25-May-2025	ns	ns	ns	ns	ns	ns	
26-May-2025	1.48	1.47	1.72	1.56	1.56	1.82	
27-May-2025	1.64	1.66	1.95	1.66	1.59	1.91	
28-May-2025	1.58	1.65	1.89	1.65	1.66	1.88	
29-May-2025	1.47	1.48	1.77	1.38	1.46	1.67	
30-May-2025	1.49	1.51	1.76	1.28	1.39	1.58	
31-May-2025	ns	ns	ns	ns	ns	ns	
Total number of measurements taken, A: Chlorine Standard for Monitoring Location (mg/L): Number of measurements meeting standard, B: Compliance with Chlorine Standard, C= B/A X 100%:		22			21		
		0.50			0.50		
		22			21		
		100%			100%		

na: not analyzed nr: no result ns: no sample o/l: offline im: instrument maintenance

Comments:

Report Date: June 6, 2025



CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
WATER SERVICES

Water System Code: **252.00**
Licence Number: **PWS-09-412-02-AA**

WATER TREATMENT PLANT UV REPORT

Report Period: **May 2025**

Report Created: **Sunday, June 01, 2025**

Date	UVR-D100A		UVR-D200A		UVR-D300A		UVR-D400A		UVR-D500A		UVR-D600A		Total		% Volume Treated To Dose
	Water Volume		Water Volume [ML]		Water Volume		Water Volume [ML]		Water Volume		Water Volume		Water Volume [ML]		
	To	Total	To	Total	To	Total	To	Total	To	Total	To	Total	To	Total	
01/05/2025	0.00	0.00	0.00	0.00	0.00	0.00	103.28	103.28	0.00	0.00	95.25	95.25	198.53	198.53	100.00
02/05/2025	0.00	0.00	0.00	0.00	0.00	0.00	102.30	102.30	0.00	0.00	106.26	106.26	208.55	208.55	100.00
03/05/2025	0.00	0.00	0.00	0.00	0.00	0.00	94.24	94.24	0.00	0.00	119.65	119.65	213.89	213.89	100.00
04/05/2025	0.00	0.00	0.00	0.00	0.00	0.00	95.62	95.62	0.00	0.00	121.36	121.36	216.98	216.98	100.00
05/05/2025	0.00	0.00	0.00	0.00	0.00	0.00	99.36	99.36	0.00	0.00	123.87	123.87	223.23	223.23	100.00
06/05/2025	0.00	0.00	0.00	0.00	0.00	0.00	73.07	73.07	0.00	0.00	87.64	87.70	160.71	160.77	99.97
07/05/2025	6.68	6.68	0.00	0.00	0.00	0.00	98.05	98.05	0.00	0.00	119.60	119.65	224.33	224.38	99.98
08/05/2025	0.00	0.00	0.00	0.00	0.00	0.00	104.65	104.65	0.00	0.00	118.72	118.72	223.37	223.37	100.00
09/05/2025	0.00	0.00	67.80	67.80	0.00	0.00	42.58	42.58	0.00	0.00	104.13	104.13	214.51	214.51	100.00
10/05/2025	0.00	0.00	114.66	114.66	0.00	0.00	0.00	0.00	0.00	0.00	94.38	94.38	209.05	209.05	100.00
11/05/2025	0.00	0.00	115.05	115.05	0.00	0.00	0.00	0.00	0.00	0.00	94.65	94.65	209.70	209.70	100.00
12/05/2025	0.00	0.00	114.55	114.55	0.00	0.00	0.00	0.00	0.00	0.00	94.12	94.12	208.67	208.67	100.00
13/05/2025	0.00	0.00	113.39	113.39	0.00	0.00	0.00	0.00	0.00	0.00	93.06	93.06	206.45	206.45	100.00
14/05/2025	0.00	0.00	123.51	123.51	0.00	0.00	0.00	0.00	0.00	0.00	101.48	101.48	224.99	224.99	100.00
15/05/2025	36.92	36.92	82.67	83.79	0.75	0.75	0.00	0.00	0.61	0.61	102.69	102.69	223.64	224.76	99.50
16/05/2025	8.66	8.66	0.28	0.28	95.64	95.64	0.00	0.00	0.00	0.00	115.08	115.17	219.66	219.75	99.96
17/05/2025	0.00	0.00	0.00	0.00	99.71	99.71	0.00	0.00	0.00	0.00	120.31	120.31	220.02	220.02	100.00
18/05/2025	0.00	0.00	0.00	0.00	92.90	92.90	0.00	0.00	0.00	0.00	111.82	111.82	204.72	204.72	100.00
19/05/2025	0.00	0.00	0.00	0.00	90.77	90.77	0.00	0.00	0.00	0.00	109.26	109.26	200.03	200.03	100.00
20/05/2025	0.00	0.00	56.95	56.95	43.12	43.12	0.00	0.00	0.00	0.00	99.01	99.01	199.08	199.08	100.00
21/05/2025	0.00	0.00	100.10	100.10	0.00	0.00	0.00	0.00	56.15	56.15	26.21	26.21	182.46	182.46	100.00
22/05/2025	0.00	0.00	100.47	100.47	0.00	0.00	0.00	0.00	82.53	82.53	0.00	0.00	183.00	183.00	100.00
23/05/2025	0.00	0.00	109.82	109.82	0.00	0.00	0.00	0.00	89.78	89.78	0.00	0.00	199.60	199.60	100.00
24/05/2025	0.00	0.00	115.03	115.03	0.00	0.00	0.00	0.00	94.16	94.16	0.00	0.00	209.20	209.20	100.00
25/05/2025	0.00	0.00	116.22	116.22	0.00	0.00	0.00	0.00	97.94	97.94	0.00	0.00	214.16	214.16	100.00
26/05/2025	0.00	0.00	118.88	118.88	0.00	0.00	0.00	0.00	99.79	99.79	0.19	0.34	218.86	219.01	99.93
27/05/2025	0.00	0.00	123.26	123.26	0.00	0.00	0.00	0.00	107.31	107.31	0.00	0.00	230.57	230.57	100.00
28/05/2025	0.00	0.00	125.23	125.23	0.00	0.00	0.00	0.00	109.60	109.60	0.00	0.00	234.83	234.83	100.00
29/05/2025	21.88	21.88	100.99	100.99	0.00	0.00	23.85	23.85	62.04	62.04	33.54	33.54	242.31	242.31	100.00
30/05/2025	0.00	0.00	106.24	106.24	0.00	0.00	64.60	64.60	0.00	0.00	75.92	75.92	246.75	246.75	100.00
31/05/2025	0.00	0.00	109.92	109.92	0.00	0.00	66.88	66.88	0.00	0.00	78.16	78.16	254.97	254.97	100.00
Total [ML]:	74.14	74.14	2015.03	2016.16	422.89	422.89	968.48	968.48	799.91	799.91	2346.36	2346.69	6626.82	6628.28	

Water Volume [%]:
To Dose per reactor 100.00 % 99.94 % 100.00 % 100.00 % 100.00 % 99.99 %
To Dose Total 99.98 %

Notes: 1. Target Log value: 2.00

Submitted By (Print): D. Merredew

Signature: original signed by D. Merredew



CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
WATER SERVICES

Water System Code: **252.00**
Licence Number: **PWS-09-412-02-AA**

WATER TREATMENT PLANT UV REPORT

Report Period: **May 2025**

Report Created: **Sunday, June 01, 2025**

Date	Transmittance (%)				UVR_D100A		UVR_D200A		UVR_D300A		UVR_D400A		UVR_D500A		UVR_D600A	
	Branch 1		Branch 2		[Log]		[Log]		[Log]		[Log]		[Log]		[Log]	
	Avg.	Min.	Avg.	Min.	Avg.	Min.	Avg.	Min.	Avg.	Min.	Avg.	Min.	Avg.	Min.	Avg.	Min.
01/05/2025	93.2	92.5	93.6	93.4	OL	OL	OL	OL	OL	OL	2.5	2.3	OL	OL	2.5	2.3
02/05/2025	93.2	91.9	93.4	93.1	OL	OL	OL	OL	OL	OL	2.5	2.3	OL	OL	2.5	2.3
03/05/2025	93.3	93.1	93.3	93.1	OL	OL	OL	OL	OL	OL	2.5	2.3	OL	OL	2.5	2.2
04/05/2025	93.1	92.8	93.1	92.7	OL	OL	OL	OL	OL	OL	2.5	2.4	OL	OL	2.5	2.3
05/05/2025	93.1	92.9	92.9	92.7	OL	OL	OL	OL	OL	OL	2.5	2.4	OL	OL	2.5	2.3
06/05/2025	92.6	74.5	88.8	0.0	OL	OL	OL	OL	OL	OL	3.3	0.0	OL	OL	2.5	0.0
07/05/2025	93.2	91.7	93.3	90.9	47.6	0.0	OL	OL	OL	OL	4.1	4.1	OL	OL	2.5	1.6
08/05/2025	92.9	20.8	92.5	91.8	OL	OL	OL	OL	OL	OL	4.1	4.1	OL	OL	2.5	2.2
09/05/2025	92.9	92.5	92.1	91.7	OL	OL	2.6	0.0	OL	OL	4.0	0.0	OL	OL	2.5	2.3
10/05/2025	92.8	92.6	92.5	91.9	OL	OL	2.5	2.4	OL	OL	OL	OL	OL	OL	2.5	2.3
11/05/2025	92.9	92.7	93.0	92.6	OL	OL	2.5	2.4	OL	OL	OL	OL	OL	OL	2.5	2.3
12/05/2025	92.8	92.6	93.2	92.9	OL	OL	2.5	2.3	OL	OL	OL	OL	OL	OL	2.5	2.3
13/05/2025	92.7	92.5	93.4	93.1	OL	OL	2.5	2.4	OL	OL	OL	OL	OL	OL	2.5	2.2
14/05/2025	92.7	92.4	93.0	0.0	OL	OL	2.5	2.3	OL	OL	OL	OL	OL	OL	2.5	2.1
15/05/2025	92.9	92.3	92.8	90.5	27.6	0.0	2.4	0.0	3.8	0.0	OL	OL	3.4	0.0	2.5	2.2
16/05/2025	92.8	92.6	91.3	0.0	61.3	0.0	2.7	0.0	2.6	2.1	OL	OL	OL	OL	2.5	1.9
17/05/2025	92.7	92.6	93.5	93.3	OL	OL	OL	OL	2.5	2.3	OL	OL	OL	OL	2.5	2.2
18/05/2025	92.7	92.6	93.5	93.3	OL	OL	OL	OL	2.5	2.3	OL	OL	OL	OL	2.5	2.2
19/05/2025	92.6	92.4	93.4	93.1	OL	OL	OL	OL	2.5	2.3	OL	OL	OL	OL	2.5	2.2
20/05/2025	92.6	92.4	93.4	93.0	OL	OL	2.9	0.0	2.4	0.0	OL	OL	OL	OL	2.5	2.3
21/05/2025	92.6	92.1	93.5	93.0	OL	OL	2.5	2.2	OL	OL	OL	OL	2.9	0.0	2.5	0.0
22/05/2025	92.7	92.5	93.6	93.4	OL	OL	2.5	2.3	OL	OL	OL	OL	2.5	2.3	OL	OL
23/05/2025	92.7	92.4	93.6	93.3	OL	OL	2.5	2.3	OL	OL	OL	OL	2.5	2.3	OL	OL
24/05/2025	92.5	92.3	93.4	92.7	OL	OL	2.5	2.0	OL	OL	OL	OL	2.5	2.2	OL	OL
25/05/2025	92.5	91.6	93.4	93.0	OL	OL	2.5	1.8	OL	OL	OL	OL	2.5	2.3	OL	OL
26/05/2025	92.7	91.6	93.6	93.1	OL	OL	2.5	2.2	OL	OL	OL	OL	2.5	2.3	1.4	0.0
27/05/2025	92.7	92.5	93.6	93.1	OL	OL	2.5	2.4	OL	OL	OL	OL	2.5	2.2	OL	OL
28/05/2025	92.7	92.5	93.6	93.0	OL	OL	2.5	2.4	OL	OL	OL	OL	2.5	2.2	OL	OL
29/05/2025	92.9	92.7	93.8	88.9	38.6	0.0	2.5	2.3	OL	OL	4.0	0.0	2.5	0.0	3.6	0.0
30/05/2025	93.0	92.7	93.9	93.7	OL	OL	2.5	2.0	OL	OL	4.1	4.1	OL	OL	3.4	3.2
31/05/2025	93.0	92.5	93.8	93.6	OL	OL	2.5	2.3	OL	OL	4.1	4.1	OL	OL	3.3	2.9

Notes:
1. UV target value is 2.00 [Log]
2. OL - Off Line

Submitted By (Print): D. Merredew

Signature: _original signed by D. Merredew