

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

May 7, 2025

RE: APRIL 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 April 2025.

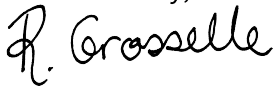
The on-line and grab sampling turbidity reports include results obtained for the Water Treatment Plant raw water and the eight filters. The maximum turbidity analyzer reading was greater than 0.30 NTU on Filters 3 and 4 on April 10 and the grab sample turbidity was greater than 0.30 NTU on Filter 7 on April 3; the elevated turbidities occurred for less than 12 consecutive hours. On April 28, the turbidity on Filter 7 exceeded 1.00 NTU; additional information for the exceedance is provided separately in a Corrective Action Report. With the exception of this event, 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

April 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
1/04/2025	0.49	0.06	0.11	0.02	0.06	0.02	0.04	0.00	0.04	0.02	0.05	0.09	0.13	0.03	0.05	0.02	0.05
2/04/2025	0.50	0.06	0.11	0.02	0.06	0.02	0.06	0.01	0.03	0.02	0.05	0.11	0.16	0.03	0.07	0.03	0.04
3/04/2025	0.50	0.06	0.11	0.02	0.06	0.02	0.07	0.00	0.05	0.04	0.08	0.12	0.20	0.03	0.05	0.03	0.06
4/04/2025	0.52	0.06	0.10	0.03	0.06	0.02	0.06	0.03	0.09	0.02	0.07	0.06	0.20	0.01	0.04	0.02	0.06
5/04/2025	0.51	0.06	0.08	0.05	0.08	0.02	0.03	0.05	0.09	0.02	0.04	0.00	0.03	0.01	0.04	0.02	0.05
6/04/2025	0.53	0.06	0.11	0.04	0.08	0.02	0.06	0.06	0.08	0.02	0.04	0.00	0.03	0.01	0.04	0.02	0.03
7/04/2025	0.55	0.05	0.10	0.04	0.08	0.02	0.05	0.05	0.10	0.02	0.04	0.00	0.03	0.01	0.02	0.02	0.05
8/04/2025	0.56	0.05	0.09	0.04	0.08	0.01	0.05	0.05	0.09	0.02	0.04	0.00	0.02	0.02	0.04	0.02	0.05
9/04/2025	0.58	0.06	0.08	0.05	0.07	0.01	0.06	0.05	0.10	0.02	0.04	0.00	0.03	0.01	0.04	0.02	0.05
10/04/2025	0.59	0.06	0.27	0.04	0.27	0.04	0.46	0.07	0.43	0.02	0.05	0.00	0.05	0.01	0.03	0.02	0.04
11/04/2025	0.63	0.06	0.09	0.04	0.08	0.02	0.05	0.05	0.09	0.02	0.05	0.00	0.02	0.01	0.07	0.02	0.04
12/04/2025	0.65	0.06	0.09	0.04	0.08	0.02	0.05	0.05	0.11	0.03	0.04	0.00	0.02	0.02	0.03	0.02	0.05
13/04/2025	0.67	0.05	0.08	0.05	0.06	0.02	0.06	0.05	0.09	0.02	0.05	0.00	0.03	0.02	0.04	0.02	0.04
14/04/2025	0.69	0.07	0.10	0.05	0.08	0.02	0.03	0.05	0.08	0.02	0.05	0.00	0.04	0.02	0.04	0.02	0.05
15/04/2025	0.69	0.06	0.10	0.04	0.08	0.02	0.05	0.06	0.09	0.02	0.05	0.00	0.02	0.02	0.04	0.02	0.03
16/04/2025	0.71	0.05	0.08	0.04	0.07	0.02	0.05	0.05	0.08	0.02	0.04	0.00	0.04	0.02	0.03	0.02	0.05
17/04/2025	0.71	0.05	0.09	0.05	0.05	0.01	0.05	0.05	0.08	0.02	0.04	0.00	0.03	0.02	0.05	0.02	0.04
18/04/2025	0.73	0.06	0.08	0.04	0.08	0.01	0.03	0.04	0.08	0.02	0.04	0.00	0.02	0.02	0.04	0.02	0.04
19/04/2025	0.75	0.05	0.09	0.04	0.07	0.02	0.05	0.05	0.08	0.01	0.05	0.00	0.05	0.03	0.05	0.02	0.03
20/04/2025	0.77	0.05	0.09	0.04	0.07	0.02	0.05	0.04	0.09	0.01	0.03	0.00	0.02	0.04	0.05	0.02	0.05
21/04/2025	0.77	0.05	0.07	0.04	0.06	0.01	0.04	0.04	0.08	0.01	0.04	0.00	0.02	0.05	0.07	0.02	0.04
22/04/2025	0.78	0.06	0.08	0.04	0.06	0.02	0.03	0.05	0.07	0.01	0.04	0.00	0.03	0.05	0.08	0.02	0.05
23/04/2025	0.78	0.05	0.08	0.04	0.06	0.01	0.05	0.05	0.09	0.01	0.05	0.00	0.02	0.06	0.09	0.02	0.03
24/04/2025	0.78	0.04	0.08	0.04	0.06	0.01	0.04	0.05	0.08	0.01	0.03	0.00	0.02	0.08	0.09	0.02	0.05
25/04/2025	0.79	0.05	0.17	0.04	0.15	0.01	0.21	0.05	0.23	0.01	0.04	0.00	0.02	0.10	0.12	0.02	0.05
26/04/2025	0.86	0.05	0.07	0.04	0.06	0.01	0.04	0.04	0.08	0.01	0.03	0.00	0.02	0.11	0.15	0.03	0.05
27/04/2025	0.89	0.04	0.07	0.03	0.06	0.01	0.03	0.05	0.08	0.01	0.04	0.00	0.02	0.14	0.18	0.03	0.06
28/04/2025	0.92	0.04	0.07	0.04	0.06	0.01	0.04	0.05	0.21	0.01	0.04	0.00	0.01	0.09	2.51	0.04	0.06
29/04/2025	0.90	0.04	0.09	0.04	0.06	0.02	0.06	0.05	0.10	0.02	0.05	0.00	0.03	0.03	0.05	0.05	0.08
30/04/2025	0.90	0.05	0.08	0.05	0.08	0.02	0.04	0.06	0.11	0.02	0.08	0.00	0.03	0.03	0.05	0.06	0.10

Total Number of Measurements Taken, A:	14746	14016	14186	14533	16114	9448	15298	14886
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:	14746	14016	14163	14511	16114	9448	15297	14886
Compliance with Turbidity Standard, C = B/A X 100%:	100.000%	100.000%	99.838%	99.849%	100.000%	100.000%	99.993%	100.000%

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Submitted By (Print): D. Merredew

Signature: original signed by D. Merredew

Water Treatment Plant Turbidity Grab Monitoring Report

April 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-Apr-2025	0.48	0.45	0.10	0.08	0.10	0.04	0.08	0.03	0.08	<0.02	0.06	0.02	0.08	0.11	0.06	0.02	0.07	0.03	
02-Apr-2025	0.46	0.40	0.11	0.09	0.11	0.05	0.09	0.03	0.10	0.02	0.07	0.03	0.07	0.12	0.07	0.03	0.07	0.03	
03-Apr-2025	0.47	0.46	0.09	0.07	0.08	0.03	0.09	0.03	0.13	0.02	0.08	0.04	0.08	0.16	0.62	0.03	0.09	0.05	
04-Apr-2025	0.50	0.46	0.08	0.07	0.08	0.02	0.07	0.02	0.08	<0.02	0.08	0.06	0.08	<0.02	0.08	<0.02	0.10	0.06	
05-Apr-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	
06-Apr-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	
07-Apr-2025	0.49	0.47	0.08	0.06	0.08	0.05	0.10	0.04	0.10	0.08	0.08	0.02	0.07	<0.02	0.07	<0.02	0.08	0.03	
08-Apr-2025	0.52	0.47	0.08	0.06	0.08	0.04	0.07	0.02	0.10	0.08	0.08	0.03	0.08	<0.02	0.08	<0.02	0.09	0.04	
09-Apr-2025	0.47	0.49	0.09	0.06	0.10	0.05	0.10	0.02	0.09	0.06	0.09	0.03	0.09	<0.02	0.11	0.02	0.09	0.02	
10-Apr-2025	0.53	0.52	0.09	0.07	0.10	0.08	0.08	0.03	0.08	0.06	0.07	0.03	0.09	<0.02	0.07	<0.02	0.07	0.03	
11-Apr-2025	0.53	0.56	0.11	0.09	0.07	0.05	0.09	0.03	0.09	0.07	0.07	0.04	0.07	<0.02	0.07	<0.02	0.08	0.03	
12-Apr-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	
13-Apr-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	
14-Apr-2025	0.61	0.65	0.10	0.07	0.10	0.06	0.09	0.02	0.09	0.05	0.09	0.02	0.11	0.02	0.13	0.05	0.08	0.03	
15-Apr-2025	0.54	0.64	0.12	0.09	0.09	0.05	0.09	0.03	0.10	0.07	0.09	0.03	0.08	<0.02	0.08	<0.02	0.09	0.03	
16-Apr-2025	0.56	0.66	0.08	0.06	0.09	0.05	0.08	0.02	0.09	0.06	0.09	0.03	0.09	<0.02	0.09	<0.02	0.09	0.03	
17-Apr-2025	0.65	0.70	0.07	0.06	0.07	0.05	0.07	0.02	0.07	0.05	0.08	0.03	0.07	0.02	0.08	0.02	0.08	0.03	
18-Apr-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	
19-Apr-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	
20-Apr-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	
21-Apr-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	
22-Apr-2025	0.70	0.78	0.10	0.06	0.10	0.05	0.09	0.02	0.09	0.06	0.08	0.02	0.09	<0.02	0.09	0.05	0.09	0.03	
23-Apr-2025	0.71	0.78	0.09	0.07	0.09	0.06	0.08	0.02	0.08	0.06	0.07	0.02	0.06	<0.02	0.06	0.06	0.07	0.04	
24-Apr-2025	0.71	0.79	0.07	0.05	0.07	0.05	0.09	0.03	0.09	0.06	0.07	0.02	0.06	<0.02	0.07	0.08	0.07	0.04	
25-Apr-2025	0.74	0.73	0.08	0.05	0.07	0.04	0.07	<0.02	0.07	0.05	0.08	0.03	0.07	<0.02	0.08	0.10	0.10	0.05	
26-Apr-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	
27-Apr-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	
28-Apr-2025	0.67	0.98	0.07	0.04	0.07	0.05	0.09	0.03	0.09	0.07	0.08	0.02	0.07	<0.02	0.08	0.17	0.08	0.05	
29-Apr-2025	0.69	0.94	0.07	0.06	0.08	0.05	0.07	0.02	0.07	0.05	0.07	0.03	0.07	<0.02	0.07	0.03	0.09	0.08	
30-Apr-2025	0.53	0.89	0.08	0.05	0.08	0.06	0.07	0.03	0.08	0.06	0.06	0.02	0.07	<0.02	0.08	0.03	0.06	0.07	
Total number of measurements taken, A:			20		20		20		20		20		20		20		20		
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:			20		20		20		20		20		20		19		20		
Compliance with Turbidity Standard, C= B/A X 100%:			100%		100%		100%		100%		100%		100%		95%		100%		

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

Comments:

April 3: Filter 7 grab sample had visible particles, the sample line was flushed and results after flushing were <0.02 ntu analyzer/0.07 ntu grab sample

Report Date: May 7, 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 May 2025

Report Period: April 2025

Date	BRANCH 1 [mg/L]		BRANCH 2 [mg/L]	
	Average	Minimum	Average	Minimum
01/04/2025	1.30	1.14	1.29	1.17
02/04/2025	1.23	1.13	1.24	1.13
03/04/2025	1.17	1.14	1.17	1.06
04/04/2025	1.20	1.13	1.20	1.12
05/04/2025	1.27	1.23	1.26	1.22
06/04/2025	1.23	1.19	1.21	1.16
07/04/2025	1.18	1.12	1.19	1.08
08/04/2025	1.21	1.09	1.23	1.11
09/04/2025	1.33	1.27	1.33	1.22
10/04/2025	1.37	1.26	1.36	1.07
11/04/2025	1.43	1.33	1.40	1.27
12/04/2025	1.35	1.33	1.29	1.25
13/04/2025	1.34	1.30	1.29	1.24
14/04/2025	1.28	1.23	1.33	1.20
15/04/2025	1.23	1.10	1.31	1.25
16/04/2025	1.28	1.23	1.29	1.18
17/04/2025	1.25	1.21	1.26	1.21
18/04/2025	1.22	1.18	1.24	1.19
19/04/2025	1.31	1.27	1.23	1.23
20/04/2025	1.30	1.26	1.24	1.23
21/04/2025	1.32	1.29	1.34	1.29
22/04/2025	1.28	1.01	1.27	1.07
23/04/2025	1.01	1.00	1.36	1.07
24/04/2025	OL	OL	1.36	1.17
25/04/2025	OL	OL	1.36	1.29
26/04/2025	OL	OL	1.35	1.27
27/04/2025	OL	OL	1.34	1.28
28/04/2025	OL	OL	1.38	1.29
29/04/2025	OL	OL	1.32	1.16
30/04/2025	1.13	1.01	1.32	1.21

Total Number of Measurements, A:	20880	20882
Minimum Free Chlorine Standard:	0.5	0.5
Number of Measurements Meeting Standard, B:	20880	20882
COMPLIANCE, C = B/A X 100%:	100.00	100.00

File Path: N:\Water Treatment Branch\Administration\Reports\Regulatory Submissions\Chlorine\2025\04-April

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



Water Treatment Plant Chlorine Grab Monitoring Report April 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-Apr-2025	1.32	1.27	1.52	1.33	1.33	1.53
02-Apr-2025	1.19	1.12	1.37	1.24	1.24	1.42
03-Apr-2025	1.19	1.12	1.43	1.22	1.21	1.46
04-Apr-2025	1.14	1.11	1.36	1.16	1.18	1.37
05-Apr-2025	ns	ns	ns	ns	ns	ns
06-Apr-2025	ns	ns	ns	ns	ns	ns
07-Apr-2025	1.17	1.24	1.46	1.14	1.24	1.45
08-Apr-2025	1.15	1.19	1.45	1.16	1.23	1.44
09-Apr-2025	1.27	1.31	1.60	1.28	1.36	1.61
10-Apr-2025	1.39	1.43	1.60	1.33	1.41	1.60
11-Apr-2025	1.41	1.40	1.71	1.38	1.47	1.70
12-Apr-2025	ns	ns	ns	ns	ns	ns
13-Apr-2025	ns	ns	ns	ns	ns	ns
14-Apr-2025	1.31	1.41	1.57	1.27	1.39	1.59
15-Apr-2025	1.30	1.34	1.49	1.25	1.34	1.53
16-Apr-2025	1.30	1.38	1.55	1.32	1.39	1.58
17-Apr-2025	1.28	1.34	1.56	1.28	1.37	1.58
18-Apr-2025	ns	ns	ns	ns	ns	ns
19-Apr-2025	ns	ns	ns	ns	ns	ns
20-Apr-2025	ns	ns	ns	ns	ns	ns
21-Apr-2025	ns	ns	ns	ns	ns	ns
22-Apr-2025	1.39	1.42	1.61	1.42	1.46	1.61
23-Apr-2025	o/l	o/l	o/l	1.39	1.35	1.56
24-Apr-2025	o/l	o/l	o/l	1.35	1.34	1.53
25-Apr-2025	o/l	o/l	o/l	1.35	1.43	1.58
26-Apr-2025	ns	ns	ns	ns	ns	ns
27-Apr-2025	ns	ns	ns	ns	ns	ns
28-Apr-2025	o/l	o/l	o/l	1.36	1.37	1.54
29-Apr-2025	o/l	o/l	o/l	1.38	1.38	1.57
30-Apr-2025	1.29	1.27	1.50	1.33	1.33	1.54
Total number of measurements taken, A:		15		20		
Chlorine Standard for Monitoring Location (mg/L):		0.50		0.50		
Number of measurements meeting standard, B:		15		20		
Compliance with Chlorine Standard, C= B/A X 100%:		100%		100%		

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

Comments:

Branch 1 was offline for maintenance April 22 at 23:45 to April 30 at 23:30

Report Date: May 8, 2025, Revision 1



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: **April 2025**

Report Created: **Thursday, May 01, 2025**

Date	UVR-D100A		UVR-D200A		UVR-D300A		UVR-D400A		UVR-D500A		UVR-D600A		Total		% Volume Treated To Dose
	Water Volume [ML]		Water Volume [ML]		Water Volume [ML]		Water Volume [ML]		Water Volume [ML]		Water Volume [ML]		Water Volume [ML]		
	To	Total	To	Total	To	Total	To	Total	To	Total	To	Total	To	Total	
01/04/2025	0.00	0.00	0.00	0.00	54.59	54.59	47.70	47.70	94.76	94.76	0.00	0.00	197.06	197.06	100.00
02/04/2025	0.00	0.00	0.00	0.00	91.95	91.95	0.00	0.00	102.71	102.71	0.00	0.00	194.66	194.66	100.00
03/04/2025	0.00	0.00	0.00	0.00	84.00	84.00	0.00	0.00	45.73	45.73	58.87	58.87	188.60	188.60	100.00
04/04/2025	0.00	0.00	0.00	0.00	83.31	83.31	0.00	0.00	0.00	0.00	104.69	104.69	187.99	187.99	100.00
05/04/2025	0.00	0.00	0.00	0.00	81.70	81.70	0.00	0.00	0.00	0.00	102.12	102.12	183.82	183.82	100.00
06/04/2025	0.00	0.00	0.00	0.00	81.57	81.57	0.00	0.00	0.00	0.00	101.48	101.48	183.05	183.05	100.00
07/04/2025	0.00	0.00	0.00	0.00	92.04	92.04	0.00	0.00	0.00	0.00	92.84	92.84	184.87	184.87	100.00
08/04/2025	0.00	0.00	0.00	0.00	94.45	94.45	0.00	0.00	0.00	0.00	91.57	91.57	186.02	186.02	100.00
09/04/2025	0.00	0.00	0.00	0.00	94.38	94.38	0.00	0.00	0.00	0.00	91.68	91.68	186.06	186.06	100.00
10/04/2025	0.00	0.00	0.00	0.00	94.31	94.31	0.00	0.00	0.00	0.00	91.74	91.74	186.05	186.05	100.00
11/04/2025	0.00	0.00	0.00	0.00	94.32	94.32	0.00	0.00	0.00	0.00	91.64	91.64	185.96	185.96	100.00
12/04/2025	0.00	0.00	0.00	0.00	94.36	94.36	0.00	0.00	0.00	0.00	91.65	91.65	186.01	186.01	100.00
13/04/2025	0.00	0.00	0.00	0.00	94.33	94.33	0.00	0.00	0.00	0.00	91.61	91.61	185.94	185.94	100.00
14/04/2025	0.00	0.00	0.00	0.00	97.52	97.52	0.00	0.00	0.00	0.00	93.49	93.49	191.01	191.01	100.00
15/04/2025	0.00	0.00	56.06	56.06	96.79	96.79	0.00	0.00	0.00	0.00	42.16	42.16	195.01	195.01	100.00
16/04/2025	1.38	1.38	98.91	98.91	92.38	92.44	0.00	0.00	0.00	0.00	0.00	0.00	192.67	192.74	99.97
17/04/2025	0.00	0.00	101.09	101.09	94.37	94.37	0.00	0.00	0.00	0.00	0.00	0.00	195.46	195.46	100.00
18/04/2025	0.00	0.00	101.75	101.75	95.28	95.28	0.00	0.00	0.00	0.00	0.00	0.00	197.03	197.03	100.00
19/04/2025	0.00	0.00	102.13	102.13	95.58	95.58	0.00	0.00	0.00	0.00	0.00	0.00	197.71	197.71	100.00
20/04/2025	0.00	0.00	97.09	97.09	91.41	91.41	0.00	0.00	0.00	0.00	0.00	0.00	188.50	188.50	100.00
21/04/2025	0.00	0.00	96.54	96.54	90.52	90.52	0.00	0.00	0.00	0.00	0.00	0.00	187.06	187.06	100.00
22/04/2025	0.00	0.00	36.15	36.15	77.37	77.37	73.90	73.90	0.10	0.16	0.00	0.00	187.52	187.58	99.97
23/04/2025	0.00	0.00	0.00	0.00	63.73	63.73	120.29	120.36	0.00	0.00	0.00	0.00	184.02	184.09	99.96
24/04/2025	0.00	0.00	0.00	0.00	38.07	38.07	109.98	109.98	1.11	1.11	35.85	35.86	185.01	185.02	99.99
25/04/2025	0.00	0.00	0.00	0.00	0.00	0.00	93.73	93.73	0.00	0.00	91.23	91.23	184.96	184.96	100.00
26/04/2025	0.00	0.00	0.00	0.00	0.00	0.00	93.46	93.46	0.00	0.00	91.54	91.54	184.99	184.99	100.00
27/04/2025	0.00	0.00	0.00	0.00	0.00	0.00	93.43	93.43	0.00	0.00	91.61	91.61	185.04	185.04	100.00
28/04/2025	0.00	0.00	0.00	0.00	0.00	0.00	93.41	93.41	0.00	0.00	91.58	91.58	184.99	184.99	100.00
29/04/2025	0.00	0.00	0.00	0.00	0.00	0.00	95.25	95.25	0.00	0.00	93.58	93.58	188.83	188.83	100.00
30/04/2025	0.00	0.00	0.00	0.00	0.00	0.00	96.82	96.82	0.00	0.00	94.19	94.19	191.01	191.01	100.00
Total [ML]:	1.38	1.38	689.72	689.72	2068.32	2068.38	917.97	918.04	244.42	244.48	1735.10	1735.11	5656.90	5657.11	

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

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: **April 2025**

Report Created: **Thursday, May 01, 2025**

Date	Transmittance (%)				UVR_D100A [Log]		UVR_D200A [Log]		UVR_D300A [Log]		UVR_D400A [Log]		UVR_D500A [Log]		UVR_D600A [Log]	
	Avg.	Min.	Avg.	Min.	Avg.	Min.	Avg.	Min.	Avg.	Min.	Avg.	Min.	Avg.	Min.	Avg.	Min.
01/04/2025	92.9	92.6	93.9	93.6	OL	OL	OL	OL	2.9	0.0	2.5	0.0	2.5	2.5	OL	OL
02/04/2025	92.8	90.8	93.8	93.0	OL	OL	OL	OL	2.7	2.3	OL	OL	2.5	2.5	OL	OL
03/04/2025	92.7	92.4	93.7	93.4	OL	OL	OL	OL	2.8	2.4	OL	OL	2.5	0.0	2.6	0.0
04/04/2025	92.8	92.5	93.8	93.5	OL	OL	OL	OL	2.8	2.6	OL	OL	OL	OL	2.5	2.3
05/04/2025	93.0	92.8	93.9	93.7	OL	OL	OL	OL	2.8	2.6	OL	OL	OL	OL	2.5	2.3
06/04/2025	92.9	92.6	93.9	93.5	OL	OL	OL	OL	2.8	2.6	OL	OL	OL	OL	2.5	2.3
07/04/2025	93.0	92.7	93.9	93.6	OL	OL	0.0	0.0	2.6	2.3	OL	OL	OL	OL	2.5	2.2
08/04/2025	92.9	92.5	93.9	93.2	OL	OL	OL	OL	2.5	2.3	OL	OL	OL	OL	2.5	2.2
09/04/2025	92.8	92.5	93.9	93.4	OL	OL	OL	OL	2.5	2.3	OL	OL	OL	OL	2.5	2.3
10/04/2025	92.5	90.7	93.7	92.1	OL	OL	OL	OL	2.5	2.3	OL	OL	OL	OL	2.5	2.3
11/04/2025	92.4	91.9	93.8	93.3	OL	OL	OL	OL	2.5	2.3	OL	OL	OL	OL	2.5	2.3
12/04/2025	91.4	89.7	93.8	93.2	OL	OL	OL	OL	2.5	2.3	OL	OL	OL	OL	2.5	2.2
13/04/2025	88.4	85.2	93.8	93.0	OL	OL	OL	OL	2.5	2.3	OL	OL	OL	OL	2.5	2.2
14/04/2025	85.2	78.8	93.1	92.0	OL	OL	OL	OL	2.5	2.3	OL	OL	OL	OL	2.5	2.2
15/04/2025	91.5	84.1	90.5	87.8	OL	OL	3.3	0.0	2.5	2.1	OL	OL	OL	OL	2.5	0.0
16/04/2025	91.9	89.9	90.8	65.4	29.1	0.0	2.5	2.2	2.5	1.9	OL	OL	OL	OL	OL	OL
17/04/2025	90.6	89.0	93.3	93.0	OL	OL	2.5	2.2	2.5	2.3	OL	OL	OL	OL	OL	OL
18/04/2025	90.6	88.6	93.3	93.1	OL	OL	2.5	2.2	2.5	2.3	OL	OL	OL	OL	OL	OL
19/04/2025	91.1	77.2	93.4	93.0	OL	OL	2.5	2.1	2.5	2.3	OL	OL	OL	OL	OL	OL
20/04/2025	93.1	92.9	93.5	92.6	OL	OL	2.5	2.4	2.5	2.3	OL	OL	OL	OL	OL	OL
21/04/2025	93.3	93.0	93.8	93.5	OL	OL	2.5	2.4	2.5	2.3	OL	OL	OL	OL	OL	OL
22/04/2025	93.4	93.2	93.8	93.6	OL	OL	2.4	0.0	2.6	2.3	2.7	0.0	1.3	0.0	OL	OL
23/04/2025	1.9	0.0	93.8	0.0	OL	OL	OL	OL	2.5	2.3	2.5	1.8	OL	OL	OL	OL
24/04/2025	OL	OL	94.1	93.9	OL	OL	OL	OL	2.4	0.0	2.5	2.4	2.2	0.0	3.5	0.0
25/04/2025	OL	OL	94.0	92.8	OL	OL	OL	OL	OL	OL	2.5	2.3	OL	OL	3.0	2.3
26/04/2025	OL	OL	94.2	93.8	OL	OL	OL	OL	OL	OL	2.5	2.4	OL	OL	2.8	2.5
27/04/2025	OL	OL	94.2	93.7	OL	OL	OL	OL	OL	OL	2.5	2.4	OL	OL	2.7	2.4
28/04/2025	OL	OL	94.2	93.9	OL	OL	OL	OL	OL	OL	2.5	2.3	OL	OL	2.6	2.3
29/04/2025	OL	OL	93.8	93.4	OL	OL	OL	OL	OL	OL	2.5	2.3	OL	OL	2.5	2.2
30/04/2025	27.1	0.0	93.7	93.4	OL	OL	OL	OL	OL	OL	2.5	2.3	OL	OL	2.5	2.2

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

Submitted By (Print): D. Merredew

Signature: _original signed by D. Merredew