



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

January 7, 2026

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

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 December 2025.

The on-line and grab sampling turbidity reports include results obtained for the Water Treatment Plant raw water and the eight filters. 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. J. Aquin, Winnipeg Regional Health Authority (email)
Dr. T. Hilderman, Manitoba Health and Seniors Care (email)
Dr. P. Benoit, Manitoba Health and Seniors Care (email)
T. Shanks, M. Eng., P. Eng. (email)
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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-09-412-03

WATER TREATMENT PLANT TURBIDITY ON-LINE MONITORING REPORT

December 2025 Turbidity (NTU)

Date	RAW Avg		Filter #1		Filter #2		Filter #3		Filter #4		Filter #5		Filter #6		Filter #7		Filter #8	
	Tr 1	Tr 2	Avg	Max														
1/12/2025	0.92	0.80	0.12	0.18	0.03	0.07	0.11	0.15	0.04	0.08	0.08	0.11	0.06	0.10	0.12	0.18	0.12	0.18
2/12/2025	0.93	0.83	0.12	0.18	0.04	0.08	0.10	0.16	0.04	0.10	0.07	0.14	0.06	0.11	0.15	0.29	0.04	0.06
3/12/2025	0.92	0.85	0.15	0.17	0.03	0.06	0.11	0.17	0.04	0.09	0.08	0.13	0.07	0.11	0.15	0.20	0.06	0.09
4/12/2025	0.93	0.84	0.08	0.19	0.03	0.09	0.07	0.19	0.04	0.12	0.08	0.24	0.06	0.19	0.08	0.24	0.05	0.24
5/12/2025	0.99	0.76	0.12	0.19	0.09	0.11	0.09	0.16	0.05	0.12	0.10	0.16	0.04	0.09	0.05	0.09	0.03	0.07
6/12/2025	0.97	0.77	0.11	0.18	0.06	0.15	0.09	0.18	0.05	0.16	0.11	0.17	0.05	0.11	0.05	0.10	0.05	0.10
7/12/2025	0.96	0.77	0.08	0.15	0.05	0.11	0.09	0.19	0.08	0.14	0.12	0.18	0.06	0.09	0.06	0.11	0.05	0.10
8/12/2025	0.97	0.83	0.08	0.14	0.05	0.10	0.12	0.17	0.06	0.14	0.13	0.16	0.07	0.13	0.06	0.12	0.06	0.14
9/12/2025	0.92	0.78	0.06	0.16	0.05	0.14	0.09	0.22	0.05	0.13	0.10	0.16	0.05	0.10	0.06	0.09	0.05	0.08
10/12/2025	0.89	0.69	0.07	0.11	0.04	0.09	0.09	0.17	0.05	0.09	0.10	0.16	0.05	0.09	0.05	0.11	0.06	0.11
11/12/2025	0.85	0.66	0.08	0.14	0.05	0.11	0.10	0.13	0.07	0.13	0.10	0.17	0.06	0.08	0.05	0.11	0.05	0.10
12/12/2025	0.84	0.64	0.09	0.18	0.05	0.11	0.13	0.20	0.07	0.15	0.13	0.15	0.06	0.11	0.06	0.11	0.06	0.13
13/12/2025	0.82	0.62	0.09	0.19	0.06	0.10	0.11	0.19	0.06	0.16	0.12	0.18	0.05	0.10	0.06	0.07	0.05	0.12
14/12/2025	0.80	0.61	0.10	0.14	0.05	0.12	0.10	0.18	0.04	0.14	0.11	0.17	0.04	0.08	0.05	0.12	0.06	0.12
15/12/2025	0.80	0.60	0.08	0.15	0.03	0.07	0.09	0.18	0.04	0.11	0.10	0.16	0.03	0.06	0.04	0.07	0.04	0.09
16/12/2025	0.78	0.59	0.08	0.15	0.03	0.09	0.11	0.14	0.04	0.11	0.12	0.14	0.03	0.07	0.04	0.08	0.04	0.08
17/12/2025	0.76	0.58	0.09	0.16	0.05	0.07	0.10	0.18	0.04	0.11	0.11	0.16	0.04	0.08	0.05	0.06	0.04	0.05
18/12/2025	0.75	0.57	0.09	0.12	0.04	0.08	0.10	0.18	0.03	0.07	0.11	0.17	0.03	0.08	0.05	0.09	0.05	0.09
19/12/2025	0.74	0.55	0.09	0.16	0.05	0.11	0.12	0.15	0.05	0.12	0.10	0.17	0.04	0.07	0.05	0.10	0.05	0.10
20/12/2025	0.75	0.54	0.10	0.17	0.05	0.08	0.12	0.20	0.05	0.12	0.13	0.18	0.04	0.09	0.05	0.11	0.05	0.10
21/12/2025	0.75	0.54	0.08	0.16	0.04	0.09	0.10	0.18	0.04	0.11	0.11	0.16	0.04	0.09	0.06	0.08	0.05	0.06
22/12/2025	0.73	0.53	0.10	0.15	0.04	0.09	0.11	0.21	0.04	0.08	0.11	0.16	0.04	0.09	0.06	0.11	0.05	0.09
23/12/2025	0.73	0.53	0.09	0.16	0.04	0.10	0.12	0.15	0.05	0.12	0.10	0.15	0.04	0.07	0.06	0.11	0.05	0.10
24/12/2025	0.73	0.52	0.08	0.16	0.04	0.07	0.12	0.21	0.05	0.12	0.10	0.14	0.04	0.09	0.06	0.13	0.04	0.10
25/12/2025	0.72	0.52	0.07	0.10	0.04	0.10	0.12	0.22	0.05	0.13	0.09	0.15	0.04	0.08	0.09	0.13	0.05	0.06
26/12/2025	0.72	0.51	0.09	0.16	0.04	0.10	0.12	0.22	0.06	0.09	0.09	0.14	0.03	0.07	0.07	0.14	0.04	0.10
27/12/2025	0.68	0.50	0.07	0.13	0.03	0.10	0.13	0.16	0.05	0.11	0.08	0.11	0.04	0.08	0.07	0.13	0.04	0.10
28/12/2025	0.69	0.50	0.07	0.13	0.04	0.06	0.12	0.21	0.05	0.11	0.10	0.14	0.04	0.08	0.08	0.10	0.04	0.10
29/12/2025	0.68	0.51	0.07	0.13	0.04	0.09	0.12	0.21	0.04	0.12	0.10	0.16	0.04	0.09	0.10	0.14	0.05	0.06
30/12/2025	0.67	0.49	0.08	0.11	0.03	0.06	0.10	0.17	0.04	0.07	0.09	0.15	0.04	0.06	0.09	0.15	0.05	0.10
31/12/2025	0.66	0.49	0.07	0.13	0.04	0.09	0.10	0.13	0.05	0.12	0.10	0.13	0.06	0.09	0.09	0.15	0.05	0.10

Total Number of Measurements Taken, A:	16418	16317	16498	17382	17324	17257	16327	15416
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:	16418	16317	16498	17382	17324	17257	16327	15416
Compliance with Turbidity Standard, C = B/A X 100%:	100.000%	100.000%	100.000%	100.000%	100.000%	100.000%	100.000%	100.000%

File Path: N:\Water Treatment Branch\Administration\Reports\Regulatory Submissions\Turbidity\2025\12-December

Submitted By (Print): D. Merredew

Signature: Original signed by D. Merredew



Water Treatment Plant Turbidity Grab Monitoring Report December 2025

Water System Code: 252.00	Turbidity (NTU)																			
Date	Raw Train 1		Raw Train 2		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	Grab	Analyser
01-Dec-2025	1.35	0.92	1.02	0.77	0.06	0.12	0.06	0.03	0.05	0.12	0.07	0.06	0.05	0.08	0.05	0.08	0.08	0.12	0.04	0.19
02-Dec-2025	0.77	0.90	0.86	0.79	0.05	0.15	0.06	0.05	0.08	0.14	0.06	0.04	0.06	0.10	0.05	0.07	0.05	0.14	0.06	0.05
03-Dec-2025	1.03	0.89	1.43	0.81	0.07	0.15	0.07	0.06	0.05	0.12	0.06	0.06	0.06	0.12	0.05	0.08	0.06	0.17	0.06	0.07
04-Dec-2025	1.49	0.88	1.63	0.80	0.08	0.17	0.05	0.04	0.05	0.14	0.07	0.06	0.05	0.09	0.05	0.08	0.04	0.16	0.22	0.16
05-Dec-2025	0.90	0.99	1.38	0.74	0.09	0.14	0.09	0.10	0.13	0.13	0.08	0.05	0.09	0.12	0.10	0.07	0.07	0.04	0.08	0.05
06-Dec-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
07-Dec-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
08-Dec-2025	nr	0.95	nr	0.84	nr	0.13	nr	0.05	nr	0.11	nr	0.10	nr	0.14	nr	0.09	nr	0.06	nr	0.08
09-Dec-2025	1.81	0.93	2.16	0.83	0.12	0.06	0.12	0.05	0.16	0.13	0.11	0.05	0.15	0.14	0.19	0.09	0.14	0.05	0.14	0.06
10-Dec-2025	1.16	0.87	2.15	0.67	0.13	0.07	0.13	0.06	0.12	0.10	0.12	0.06	0.10	0.11	0.10	0.05	0.15	0.05	0.11	0.07
11-Dec-2025	0.73	0.84	0.77	0.64	0.13	0.10	0.08	0.05	0.11	0.11	0.12	0.07	0.10	0.12	0.10	0.06	0.09	0.04	0.15	0.10
12-Dec-2025	0.67	0.83	1.14	0.61	0.13	0.08	0.14	0.06	0.15	0.14	0.22	0.13	0.13	0.13	0.14	0.08	0.10	0.05	0.13	0.06
13-Dec-2025	0.82	0.91	1.29	0.61	0.15	0.10	0.14	0.06	0.15	0.13	0.20	0.16	0.11	0.14	0.16	0.08	0.13	0.05	0.14	0.06
14-Dec-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
15-Dec-2025	0.84	0.77	1.17	0.55	0.10	0.10	0.08	0.03	0.09	0.10	0.10	0.04	0.09	0.12	0.12	0.05	0.09	0.05	0.10	0.07
16-Dec-2025	0.64	0.77	0.68	0.56	0.10	0.08	0.10	0.04	0.17	0.12	0.10	0.05	0.08	0.13	0.10	0.05	0.10	0.03	0.08	0.05
17-Dec-2025	0.51	0.74	0.77	0.55	0.10	0.09	0.11	0.05	0.14	0.14	0.13	0.04	0.12	0.14	0.16	0.07	0.08	0.04	0.07	0.05
18-Dec-2025	0.63	0.74	0.79	0.53	0.11	0.10	0.17	0.08	0.10	0.10	0.14	0.04	0.16	0.13	0.23	0.05	0.20	0.06	0.10	0.06
19-Dec-2025	0.64	0.72	0.73	0.52	0.13	0.12	0.09	0.05	0.12	0.12	0.11	0.05	0.06	0.12	0.09	0.05	0.14	0.04	0.12	0.09
20-Dec-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
21-Dec-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
22-Dec-2025	0.57	0.73	0.72	0.44	0.10	0.10	0.11	0.06	0.11	0.12	0.12	0.05	0.09	0.14	0.08	0.04	0.10	0.08	0.09	0.07
23-Dec-2025	0.84	0.72	0.83	0.50	0.13	0.12	0.09	0.05	0.11	0.12	0.11	0.05	0.10	0.13	0.10	0.05	0.06	0.06	0.07	0.08
24-Dec-2025	0.73	0.70	0.68	0.49	0.12	0.08	0.11	0.04	0.14	0.13	0.09	0.04	0.08	0.10	0.12	0.08	0.08	0.06	0.07	0.05
25-Dec-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
26-Dec-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
27-Dec-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
28-Dec-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
29-Dec-2025	0.71	0.67	1.33	0.47	0.11	0.09	0.12	0.05	0.20	0.20	0.11	0.04	0.16	0.16	0.11	0.05	0.10	0.09	0.10	0.06
30-Dec-2025	0.73	0.68	1.01	0.48	0.11	0.07	0.13	0.05	0.10	0.13	0.12	0.04	0.10	0.10	0.10	0.05	0.14	0.12	0.11	0.07
31-Dec-2025	0.51	0.64	0.58	0.47	0.15	0.13	0.09	0.04	0.13	0.11	0.13	0.07	0.08	0.11	0.11	0.07	0.07	0.09	0.08	0.06
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: January 7, 2026

WATER TREATMENT PLANT FREE CHLORINE ON-LINE MONITORING REPORT
Deacon Booster Pumping Station

Water System Code: **252.00**
Licence Number: **PWS-09-412-03**
Report Created: 01 January 2026

Report Period: December 2025

Date	BRANCH 1 [mg/L]		BRANCH 2 [mg/L]	
	Average	Minimum	Average	Minimum
01/12/2025	1.29	1.26	1.30	1.26
02/12/2025	1.25	1.23	1.27	1.24
03/12/2025	1.23	1.20	1.24	1.19
04/12/2025	1.18	1.15	1.18	1.15
05/12/2025	1.28	1.13	1.26	1.13
06/12/2025	1.33	1.27	1.34	1.22
07/12/2025	1.34	1.25	1.37	1.28
08/12/2025	1.30	1.28	1.31	1.20
09/12/2025	1.30	1.27	1.28	1.24
10/12/2025	1.29	1.26	1.26	1.20
11/12/2025	1.25	1.19	1.26	1.20
12/12/2025	1.19	1.15	1.24	1.18
13/12/2025	1.33	1.28	1.35	1.28
14/12/2025	1.31	1.26	1.35	1.30
15/12/2025	1.26	1.13	1.34	1.25
16/12/2025	1.44	1.41	1.34	1.14
17/12/2025	OL	OL	1.19	1.14
18/12/2025	OL	OL	1.14	1.09
19/12/2025	1.33	1.22	1.16	1.06
20/12/2025	1.29	1.24	1.22	1.19
21/12/2025	1.35	1.31	1.32	1.26
22/12/2025	1.37	1.31	1.39	1.35
23/12/2025	1.35	1.31	1.38	1.35
24/12/2025	1.26	1.20	1.29	1.24
25/12/2025	1.29	1.24	1.33	1.28
26/12/2025	1.29	1.26	1.34	1.32
27/12/2025	1.32	1.29	1.37	1.33
28/12/2025	1.32	1.30	1.37	1.34
29/12/2025	1.24	1.15	1.30	1.21
30/12/2025	1.12	1.07	1.19	1.14
31/12/2025	1.06	1.04	1.12	0.99

Total Number of Measurements, A:	21545	21555
Minimum Free Chlorine Standard:	0.5	0.5
Number of Measurements Meeting Standard, B:	21545	21555
COMPLIANCE, C = B/A X 100%:	100.00	100.00

File Path: N:\Water Treatment Branch\Administration\Reports\Regulatory Submissions\Chlorine\2025\12-December

Submitted By (Print): D. Merredew

Signature: Original signed by D. Merredew



Water Treatment Plant Chlorine Grab Monitoring Report December 2025

Water System Code: 252.00 Licence No. PWS-09-412-03	Deacon Booster Pumping Station Branch 1			Deacon Booster Pumping Station Branch 2		
Date	Free Chlorine (mg/L)		Total Chlorine (mg/L)	Free Chlorine (mg/L)		Total Chlorine (mg/L)
	Analyser	Grab	Grab	Analyser	Grab	Grab
01-Dec-2025	1.32	1.29	1.48	1.31	1.30	1.48
02-Dec-2025	1.24	1.21	1.46	1.24	1.22	1.46
03-Dec-2025	1.24	1.22	1.47	1.24	1.23	1.45
04-Dec-2025	1.46	1.46	1.76	1.50	1.57	1.76
05-Dec-2025	1.15	1.16	1.46	1.16	1.17	1.40
06-Dec-2025	ns	ns	ns	ns	ns	ns
07-Dec-2025	ns	ns	ns	ns	ns	ns
08-Dec-2025	1.31	1.35	1.59	1.35	1.41	1.60
09-Dec-2025	1.29	1.40	1.60	1.28	1.32	1.57
10-Dec-2025	1.30	1.37	1.61	1.16	1.34	1.56
11-Dec-2025	1.27	1.31	1.54	1.22	1.32	1.49
12-Dec-2025	1.17	1.17	1.40	1.22	1.20	1.46
13-Dec-2025	ns	ns	ns	ns	ns	ns
14-Dec-2025	ns	ns	ns	ns	ns	ns
15-Dec-2025	1.14	1.24	1.47	1.33	1.33	1.55
16-Dec-2025	1.42	1.45	1.78	1.49	1.58	1.80
17-Dec-2025	o/l	o/l	o/l	1.19	1.18	1.45
18-Dec-2025	o/l	o/l	o/l	1.19	1.26	1.44
19-Dec-2025	1.20	1.16	1.47	1.11	1.20	1.47
20-Dec-2025	ns	ns	ns	ns	ns	ns
21-Dec-2025	ns	ns	ns	ns	ns	ns
22-Dec-2025	1.32	1.46	1.70	1.37	1.49	1.67
23-Dec-2025	1.36	1.36	1.63	1.38	1.42	1.67
24-Dec-2025	1.26	1.26	1.54	1.29	1.27	1.54
25-Dec-2025	ns	ns	ns	ns	ns	ns
26-Dec-2025	ns	ns	ns	ns	ns	ns
27-Dec-2025	ns	ns	ns	ns	ns	ns
28-Dec-2025	ns	ns	ns	ns	ns	ns
29-Dec-2025	1.23	1.24	1.50	1.31	1.30	1.55
30-Dec-2025	1.11	1.15	1.38	1.19	1.16	1.37
31-Dec-2025	1.07	1.07	1.31	1.00	0.99	1.25
Total number of measurements taken, A:			19			21
Chlorine Standard for Monitoring Location (mg/L):			0.50			0.50
Number of measurements meeting standard, B:			19			21
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 from 06:59 on December 16 to 16:51 on December 19 for scheduled maintenance.

Report Date:

January 7, 2026



CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
WATER SERVICES

Water System Code: **252.00**
 Licence Number: **PWS-09-412-03**

WATER TREATMENT PLANT UV REPORT

Report Period: **December 2025**

Report Created: **Thursday, January 01, 2026**

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	
01/12/2025	0.00	0.00	102.25	102.25	0.00	0.00	0.00	0.00	0.00	0.00	90.69	90.69	192.95	192.95	100.00
02/12/2025	0.00	0.00	102.26	102.26	0.00	0.00	0.00	0.00	0.00	0.00	90.73	90.73	192.99	192.99	100.00
03/12/2025	0.00	0.00	102.26	102.26	0.00	0.00	0.00	0.00	0.00	0.00	90.72	90.72	192.98	192.98	100.00
04/12/2025	0.00	0.00	65.05	65.05	0.00	0.00	0.00	0.00	0.00	0.00	59.78	59.78	124.83	124.83	100.00
05/12/2025	0.00	0.00	103.97	103.97	0.00	0.00	0.00	0.00	0.00	0.00	86.06	86.06	190.03	190.03	100.00
06/12/2025	0.00	0.00	103.66	103.66	0.00	0.00	0.00	0.00	0.00	0.00	85.75	85.75	189.40	189.40	100.00
07/12/2025	0.00	0.00	102.26	102.26	0.00	0.00	0.00	0.00	0.00	0.00	86.45	86.45	188.71	188.71	100.00
08/12/2025	0.00	0.00	99.93	99.93	0.00	0.00	0.00	0.00	53.24	53.24	35.67	35.67	188.83	188.83	100.00
09/12/2025	0.00	0.00	98.35	98.35	0.00	0.00	0.00	0.00	87.66	87.66	0.00	0.00	186.00	186.00	100.00
10/12/2025	0.00	0.00	98.44	98.44	0.00	0.00	0.00	0.00	87.57	87.57	0.00	0.00	186.00	186.00	100.00
11/12/2025	0.00	0.00	98.91	98.91	0.00	0.00	0.00	0.00	88.01	88.01	0.00	0.00	186.92	186.92	100.00
12/12/2025	0.00	0.00	102.10	102.10	0.00	0.00	0.00	0.00	90.88	90.88	0.00	0.00	192.98	192.98	100.00
13/12/2025	0.00	0.00	102.12	102.12	0.00	0.00	0.00	0.00	90.83	90.83	0.00	0.00	192.95	192.95	100.00
14/12/2025	0.00	0.00	99.36	99.36	0.00	0.00	0.00	0.00	88.58	88.58	0.00	0.00	187.94	187.94	100.00
15/12/2025	68.78	68.78	32.19	32.19	0.00	0.00	0.00	0.00	96.11	96.11	0.00	0.00	197.08	197.08	100.00
16/12/2025	88.47	88.68	0.14	0.14	0.00	0.00	54.85	54.85	47.36	47.36	0.18	0.18	191.00	191.21	99.89
17/12/2025	81.42	81.42	0.00	0.00	0.00	0.00	100.49	100.49	0.00	0.00	0.00	0.00	181.91	181.91	100.00
18/12/2025	77.55	77.55	0.00	0.00	0.00	0.00	95.44	95.44	0.00	0.00	0.00	0.00	172.99	172.99	100.00
19/12/2025	79.68	79.68	0.00	0.00	0.00	0.00	93.36	93.36	0.00	0.00	0.00	0.00	173.04	173.04	100.00
20/12/2025	84.95	84.95	0.00	0.00	0.00	0.00	89.01	89.01	0.00	0.00	0.00	0.00	173.96	173.96	100.00
21/12/2025	84.55	84.55	0.00	0.00	0.00	0.00	88.27	88.27	0.00	0.00	0.00	0.00	172.83	172.83	100.00
22/12/2025	82.95	82.95	0.00	0.00	0.00	0.00	87.05	87.05	0.00	0.00	0.00	0.00	170.00	170.00	100.00
23/12/2025	82.90	82.90	0.00	0.00	0.00	0.00	87.12	87.12	0.00	0.00	0.00	0.00	170.01	170.01	100.00
24/12/2025	83.01	83.01	0.00	0.00	0.00	0.00	87.19	87.19	0.00	0.00	0.00	0.00	170.20	170.20	100.00
25/12/2025	87.07	87.07	0.00	0.00	0.00	0.00	87.89	87.89	0.00	0.00	0.00	0.00	174.97	174.97	100.00
26/12/2025	88.94	88.94	0.00	0.00	0.00	0.00	88.47	88.47	0.00	0.00	0.00	0.00	177.41	177.41	100.00
27/12/2025	90.92	90.92	0.00	0.00	0.00	0.00	90.08	90.08	0.00	0.00	0.00	0.00	181.00	181.00	100.00
28/12/2025	90.94	90.94	0.00	0.00	0.00	0.00	90.07	90.07	0.00	0.00	0.00	0.00	181.01	181.01	100.00
29/12/2025	90.95	90.95	0.00	0.00	0.00	0.00	90.05	90.05	0.00	0.00	0.00	0.00	181.00	181.00	100.00
30/12/2025	86.57	86.57	0.00	0.00	0.00	0.00	86.68	86.68	0.00	0.00	0.00	0.00	173.25	173.25	100.00
31/12/2025	86.49	86.49	0.00	0.00	0.00	0.00	30.49	30.49	51.98	51.98	0.00	0.00	168.95	168.95	100.00
Total [ML]:	1436.13	1436.34	1413.24	1413.24	0.00	0.00	1346.50	1346.50	782.21	782.21	626.02	626.02	5604.10	5604.31	

Water Volume [%]:
 1o Dose per reactor 99.985 % 100.00 % OL OL 100.00 % 100.00 % 100.00 %
 To Dose Total 99.996 %

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-09-412-03

WATER TREATMENT PLANT UV REPORT

Report Period: December 2025

Report Created: Thursday, January 01, 2026

Date	Transmittance (%)				UVR_D100A [Log]		UVR_D200A [Log]		UVR_D300A [Log]		UVR_D400A [Log]		UVR_D500A [Log]		UVR_D600A [Log]	
	Branch 1		Branch 2		Avg.	Min.										
	Avg.	Min.	Avg.	Min.												
01/12/2025	93.9	93.7	96.2	95.7	OL	OL	2.5	2.4	OL	OL	OL	OL	OL	OL	3.6	3.4
02/12/2025	93.7	93.3	96.4	95.9	OL	OL	2.5	2.4	OL	OL	OL	OL	OL	OL	3.6	3.4
03/12/2025	93.7	93.3	96.7	96.3	OL	OL	2.5	2.3	OL	OL	OL	OL	OL	OL	3.8	3.4
04/12/2025	93.5	91.5	97.0	95.3	OL	OL	2.8	2.3	OL	OL	OL	OL	OL	OL	3.4	2.3
05/12/2025	92.3	91.5	94.8	0.1	OL	OL	2.5	2.3	OL	OL	OL	OL	OL	OL	2.5	2.1
06/12/2025	91.9	91.6	92.3	92.1	OL	OL	2.5	2.4	OL	OL	OL	OL	OL	OL	2.5	2.3
07/12/2025	91.7	91.4	92.1	91.8	OL	OL	2.5	2.1	OL	OL	OL	OL	OL	OL	2.5	2.2
08/12/2025	91.5	91.2	91.9	91.6	OL	OL	2.5	2.2	OL	OL	OL	OL	2.8	2.4	2.5	2.3
09/12/2025	91.7	91.3	92.1	91.7	OL	OL	2.5	2.3	OL	OL	OL	OL	2.5	2.3	OL	OL
10/12/2025	91.7	91.5	92.2	92.0	OL	OL	2.5	2.3	OL	OL	OL	OL	2.5	2.3	OL	OL
11/12/2025	91.6	91.2	92.0	91.6	OL	OL	2.5	2.2	OL	OL	OL	OL	2.5	2.3	OL	OL
12/12/2025	91.2	90.8	91.6	91.3	OL	OL	2.5	2.3	OL	OL	OL	OL	2.5	2.2	OL	OL
13/12/2025	91.5	91.2	92.0	91.7	OL	OL	2.5	2.2	OL	OL	OL	OL	2.5	2.3	OL	OL
14/12/2025	91.6	91.2	92.0	91.7	OL	OL	2.5	2.3	OL	OL	OL	OL	2.5	2.2	OL	OL
15/12/2025	92.0	91.6	92.4	92.1	2.6	2.3	2.5	2.4	OL	OL	OL	OL	2.5	2.2	OL	OL
16/12/2025	91.9	90.8	92.3	92.0	2.5	0.0	0.3	0.0	OL	OL	2.5	2.3	2.5	0	0.7	0.0
17/12/2025	91.9	91.5	92.3	92.0	2.5	2.3	OL	OL	OL	OL	2.5	2.4	OL	OL	OL	OL
18/12/2025	92.0	91.6	92.3	92.1	2.5	2.3	OL	OL	OL	OL	2.5	2.2	OL	OL	OL	OL
19/12/2025	91.8	91.5	92.1	91.9	2.5	2.3	OL	OL	OL	OL	2.5	2.4	OL	OL	OL	OL
20/12/2025	91.6	91.4	91.9	91.7	2.5	2.2	OL	OL	OL	OL	2.5	2.4	OL	OL	OL	OL
21/12/2025	91.9	91.4	92.3	91.7	2.5	2.2	OL	OL	OL	OL	2.5	2.4	OL	OL	OL	OL
22/12/2025	91.9	91.5	92.2	91.9	2.5	2.3	OL	OL	OL	OL	2.5	2.4	OL	OL	OL	OL
23/12/2025	91.8	91.6	92.1	91.9	2.5	2.3	OL	OL	OL	OL	2.5	2.4	OL	OL	OL	OL
24/12/2025	91.8	91.5	92.1	91.8	2.5	2.3	OL	OL	OL	OL	2.5	2.4	OL	OL	OL	OL
25/12/2025	91.6	91.2	91.9	90.9	2.5	1.9	OL	OL	OL	OL	2.5	1.9	OL	OL	OL	OL
26/12/2025	91.6	91.2	91.9	91.6	2.5	2.3	OL	OL	OL	OL	2.5	2.4	OL	OL	OL	OL
27/12/2025	91.7	91.4	92.0	91.6	2.5	2.2	OL	OL	OL	OL	2.5	2.4	OL	OL	OL	OL
28/12/2025	91.6	91.2	92.0	91.8	2.5	2.3	OL	OL	OL	OL	2.5	2.4	OL	OL	OL	OL
29/12/2025	91.7	90.8	92.0	91.7	2.5	2.3	OL	OL	OL	OL	2.5	2.4	OL	OL	OL	OL
30/12/2025	91.8	91.3	92.2	91.6	2.5	2.2	OL	OL	OL	OL	2.5	2.3	OL	OL	OL	OL
31/12/2025	91.7	91.2	92.1	91.8	2.5	2.2	OL	OL	OL	OL	2.4	2.4	2.7	0.0	OL	OL

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

Submitted By (Print): D. Merredew

Signature: Original signed by D. Merredew