



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

October 7, 2025

RE: SEPTEMBER 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 September 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-09-412-02-AA**

WATER TREATMENT PLANT TURBIDITY ON-LINE MONITORING REPORT

September 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
1/09/2025	1.55	0.04	0.09	0.04	0.09	0.06	0.09	0.06	0.10	0.08	0.10	0.04	0.06	0.05	0.06	0.10	0.15
2/09/2025	1.34	0.05	0.11	0.06	0.08	0.05	0.10	0.06	0.11	0.08	0.19	0.04	0.07	0.06	0.09	0.13	0.15
3/09/2025	1.21	0.08	0.10	0.06	0.10	0.06	0.12	0.07	0.11	0.09	0.13	0.05	0.09	0.07	0.11	0.15	0.18
4/09/2025	1.42	0.08	0.13	0.07	0.11	0.07	0.10	0.08	0.11	0.09	0.15	0.06	0.08	0.09	0.14	0.16	0.21
5/09/2025	1.36	0.10	0.16	0.07	0.13	0.09	0.16	0.08	0.17	0.11	0.14	0.06	0.09	0.11	0.12	0.17	0.24
6/09/2025	1.22	0.10	0.17	0.08	0.11	0.07	0.14	0.08	0.15	0.11	0.16	0.07	0.11	0.14	0.16	0.19	0.23
7/09/2025	1.56	0.13	0.15	0.07	0.12	0.07	0.13	0.07	0.11	0.10	0.16	0.07	0.12	0.15	0.19	0.16	0.26
8/09/2025	1.77	0.12	0.18	0.07	0.11	0.06	0.09	0.09	0.14	0.10	0.14	0.09	0.11	0.16	0.22	0.13	0.18
9/09/2025	2.05	0.09	0.15	0.05	0.10	0.07	0.13	0.09	0.14	0.07	0.16	0.05	0.13	0.10	0.21	0.08	0.15
10/09/2025	2.48	0.07	0.13	0.06	0.08	0.07	0.11	0.10	0.17	0.05	0.09	0.04	0.06	0.04	0.07	0.04	0.07
11/09/2025	2.89	0.08	0.11	0.06	0.11	0.07	0.13	0.10	0.18	0.05	0.16	0.04	0.08	0.05	0.08	0.04	0.06
12/09/2025	2.02	0.09	0.13	0.06	0.12	0.07	0.13	0.13	0.16	0.04	0.08	0.04	0.08	0.05	0.08	0.03	0.06
13/09/2025	1.08	0.08	0.14	0.06	0.15	0.07	0.11	0.12	0.18	0.04	0.08	0.06	0.08	0.06	0.09	0.03	0.06
14/09/2025	0.76	0.07	0.13	0.05	0.10	0.07	0.12	0.11	0.18	0.04	0.10	0.06	0.09	0.06	0.09	0.03	0.05
15/09/2025	1.70	0.07	0.16	0.07	0.11	0.08	0.15	0.12	0.23	0.03	0.07	0.06	0.10	0.08	0.10	0.03	0.04
16/09/2025	2.15	0.10	0.13	0.07	0.12	0.08	0.13	0.10	0.18	0.04	0.08	0.07	0.14	0.09	0.13	0.03	0.05
17/09/2025	3.12	0.09	0.16	0.06	0.11	0.07	0.10	0.08	0.15	0.04	0.09	0.11	0.13	0.11	0.17	0.04	0.07
18/09/2025	1.99	0.09	0.16	0.06	0.12	0.08	0.13	0.07	0.13	0.07	0.10	0.13	0.18	0.16	0.18	0.05	0.09
19/09/2025	1.14	0.09	0.18	0.08	0.11	0.08	0.14	0.07	0.13	0.07	0.12	0.15	0.23	0.19	0.23	0.06	0.07
20/09/2025	0.97	0.11	0.16	0.07	0.11	0.07	0.14	0.07	0.10	0.06	0.11	0.13	0.20	0.13	0.26	0.05	0.09
21/09/2025	0.83	0.10	0.16	0.06	0.11	0.07	0.10	0.07	0.13	0.06	0.12	0.01	0.03	0.02	0.06	0.05	0.09
22/09/2025	0.75	0.10	0.16	0.06	0.12	0.09	0.14	0.07	0.14	0.07	0.11	0.01	0.04	0.01	0.03	0.05	0.09
23/09/2025	0.84	0.09	0.17	0.07	0.10	0.07	0.13	0.06	0.12	0.07	0.12	0.01	0.04	0.02	0.05	0.05	0.07
24/09/2025	0.85	0.11	0.14	0.06	0.11	0.07	0.13	0.06	0.13	0.07	0.11	0.01	0.04	0.02	0.06	0.07	0.10
25/09/2025	1.04	0.11	0.17	0.06	0.11	0.07	0.13	0.08	0.12	0.08	0.15	0.01	0.03	0.02	0.05	0.07	0.11
26/09/2025	0.82	0.12	0.19	0.06	0.11	0.09	0.11	0.07	0.13	0.09	0.12	0.01	0.04	0.01	0.03	0.07	0.11
27/09/2025	0.62	0.12	0.19	0.07	0.09	0.08	0.14	0.07	0.14	0.08	0.14	0.00	0.03	0.01	0.05	0.06	0.11
28/09/2025	0.67	0.15	0.17	0.07	0.11	0.08	0.14	0.06	0.13	0.09	0.14	0.00	0.03	0.01	0.04	0.08	0.10
29/09/2025	0.79	0.14	0.21	0.07	0.12	0.07	0.14	0.08	0.14	0.10	0.16	0.01	0.02	0.01	0.04	0.08	0.13
30/09/2025	0.67	0.07	0.17	0.06	0.11	0.09	0.13	0.08	0.13	0.11	0.15	0.01	0.08	0.01	0.07	0.06	0.11

Total Number of Measurements Taken, A:	14594	14344	14055	15421	15978	15247	15009	14907
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:	14594	14344	14055	15421	15978	15247	15009	14907
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\09-September

Submitted By (Print): D.Merredew

Signature: Original signed by D.Merredew



Water Treatment Plant Turbidity Grab Monitoring Report September 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-Sep-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
02-Sep-2025	1.49	2.18	0.07	0.06	0.08	0.06	0.10	0.07	0.07	0.07	0.09	0.10	0.04	0.05	0.05	0.06	0.09	0.14
03-Sep-2025	1.48	2.58	0.10	0.08	0.11	0.09	0.09	0.07	0.09	0.07	0.04	0.10	0.09	0.05	0.10	0.09	0.05	0.17
04-Sep-2025	1.48	2.28	0.11	0.10	0.07	0.06	0.10	0.07	0.10	0.08	0.06	0.10	0.04	0.06	0.04	0.08	0.07	0.20
05-Sep-2025	1.32	2.01	0.11	0.11	0.11	0.08	0.14	0.11	0.14	0.12	0.04	0.11	0.05	0.08	0.04	0.11	0.04	0.20
06-Sep-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
07-Sep-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
08-Sep-2025	0.97	1.62	0.11	0.16	0.12	0.10	0.10	0.07	0.13	0.10	0.04	0.13	0.03	0.10	0.03	0.16	0.05	0.16
09-Sep-2025	0.83	1.50	0.14	0.11	0.10	0.07	0.11	0.08	0.14	0.13	0.04	0.14	0.04	0.12	0.04	0.20	0.05	0.15
10-Sep-2025	1.15	1.80	0.09	0.08	0.10	0.06	0.14	0.09	0.08	0.08	0.05	0.07	0.06	0.05	0.08	0.04	0.04	0.05
11-Sep-2025	1.02	1.65	0.12	0.09	0.12	0.09	0.11	0.07	0.11	0.11	0.08	0.09	0.04	0.05	0.07	0.06	0.05	0.05
12-Sep-2025	1.16	1.88	0.13	0.11	0.13	0.09	0.11	0.08	0.16	0.14	0.05	0.07	0.04	0.06	0.04	0.04	0.06	0.05
13-Sep-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
14-Sep-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
15-Sep-2025	1.29	1.78	0.10	0.08	0.10	0.07	0.14	0.11	0.08	0.13	0.05	0.06	0.07	0.10	0.05	0.08	0.05	0.03
16-Sep-2025	1.02	1.94	0.12	0.11	0.14	0.10	0.11	0.08	0.12	0.09	0.04	0.04	0.05	0.09	0.06	0.11	0.05	0.04
17-Sep-2025	1.01	2.12	0.14	0.13	0.08	0.06	0.12	0.08	0.11	0.08	0.03	0.05	0.05	0.11	0.04	0.11	0.06	0.06
18-Sep-2025	1.05	1.64	0.12	0.09	0.13	0.06	0.12	0.09	0.14	0.11	0.07	0.09	0.07	0.16	0.06	0.15	0.04	0.05
19-Sep-2025	1.27	1.53	0.11	0.11	0.11	0.08	0.13	0.11	0.10	0.09	0.10	0.10	0.05	0.16	0.07	0.20	0.06	0.07
20-Sep-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
21-Sep-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
22-Sep-2025	1.09	1.36	0.09	0.11	0.10	0.07	0.12	0.10	0.15	0.13	0.07	0.09	0.07	0.03	0.05	<0.02	0.07	0.06
23-Sep-2025	0.93	1.18	0.12	0.10	0.08	0.07	0.12	0.10	0.11	0.06	0.07	0.09	0.07	0.03	0.06	<0.02	0.05	0.07
24-Sep-2025	0.81	1.21	0.10	0.13	0.11	0.08	0.09	0.07	0.09	0.07	0.10	0.10	0.06	0.02	0.10	0.04	0.08	0.09
25-Sep-2025	1.12	1.34	0.11	0.14	0.14	0.10	0.12	0.08	0.11	0.09	0.07	0.11	0.11	0.02	0.06	<0.02	0.09	0.10
26-Sep-2025	0.68	1.41	0.13	0.15	0.09	0.06	0.10	0.09	0.13	0.12	0.08	0.11	0.11	0.03	0.07	<0.02	0.05	0.08
27-Sep-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
28-Sep-2025	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
29-Sep-2025	0.79	1.14	0.11	0.17	0.12	0.10	0.09	0.08	0.10	0.09	0.09	0.13	0.09	<0.02	0.05	<0.02	0.09	0.13
30-Sep-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:			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		20		20	
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: October 7, 2025

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

Water System Code: **252.00**
Licence Number: **PWS-09-412-02-AA**
Report Created: 01 October 2025

Report Period: September 2025

Date	BRANCH 1 [mg/L]		BRANCH 2 [mg/L]	
	Average	Minimum	Average	Minimum
01/09/2025	1.67	1.61	1.59	1.40
02/09/2025	1.61	1.25	1.64	1.47
03/09/2025	1.48	1.08	1.54	1.32
04/09/2025	1.46	1.10	1.49	1.34
05/09/2025	1.52	1.41	1.49	1.23
06/09/2025	1.57	1.46	1.48	1.31
07/09/2025	1.63	1.58	1.69	1.56
08/09/2025	1.65	1.52	1.70	1.28
09/09/2025	1.59	1.53	1.64	1.52
10/09/2025	1.70	1.48	1.70	1.56
11/09/2025	1.85	1.64	1.70	1.47
12/09/2025	1.56	1.48	1.42	1.28
13/09/2025	1.55	1.49	1.52	1.23
14/09/2025	1.56	1.49	1.68	1.55
15/09/2025	1.57	1.48	1.66	1.53
16/09/2025	1.47	1.39	1.50	1.36
17/09/2025	1.37	1.31	1.37	1.27
18/09/2025	1.51	1.33	1.52	1.33
19/09/2025	1.61	1.41	1.87	1.14
20/09/2025	1.64	1.58	1.64	1.48
21/09/2025	1.52	1.44	1.44	1.27
22/09/2025	1.49	1.46	1.48	1.32
23/09/2025	1.61	1.43	1.59	1.39
24/09/2025	1.71	1.00	1.72	1.31
25/09/2025	1.86	1.65	1.91	1.65
26/09/2025	1.84	1.52	1.82	1.60
27/09/2025	1.68	1.49	1.65	1.41
28/09/2025	1.61	1.49	1.56	1.41
29/09/2025	1.58	1.29	1.51	1.18
30/09/2025	1.53	1.38	1.44	1.19

Total Number of Measurements, A:	20880	20853
Minimum Free Chlorine Standard:	0.5	0.5
Number of Measurements Meeting Standard, B:	20880	20853
COMPLIANCE, C = B/A X 100%:	100.00	100.00

File Path: N:\Water Treatment Branch\Administration\Reports\Regulatory Submissions\Chlorine\2025\09-September

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



Water Treatment Plant Chlorine Grab Monitoring Report September 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-Sep-2025	ns	ns	ns	ns	ns	ns
02-Sep-2025	1.67	1.73	1.93	1.60	1.69	1.94
03-Sep-2025	1.52	1.53	1.61	1.56	1.49	1.73
04-Sep-2025	1.41	1.41	1.56	1.44	1.44	1.62
05-Sep-2025	1.56	1.56	1.75	1.60	1.59	1.79
06-Sep-2025	ns	ns	ns	ns	ns	ns
07-Sep-2025	ns	ns	ns	ns	ns	ns
08-Sep-2025	1.74	1.88	2.01	2.06	1.94	2.15
09-Sep-2025	1.62	1.62	1.84	1.67	1.72	1.91
10-Sep-2025	1.63	1.59	1.83	1.73	1.71	1.95
11-Sep-2025	1.95	1.86	2.12	1.69	1.85	2.12
12-Sep-2025	1.54	1.48	1.73	1.46	1.49	1.73
13-Sep-2025	ns	ns	ns	ns	ns	ns
14-Sep-2025	ns	ns	ns	ns	ns	ns
15-Sep-2025	1.54	1.58	1.82	1.62	1.67	1.81
16-Sep-2025	1.46	1.51	1.75	1.45	1.49	1.71
17-Sep-2025	1.38	1.38	1.62	1.35	1.39	1.63
18-Sep-2025	1.68	1.71	1.97	1.64	1.72	1.96
19-Sep-2025	1.48	1.53	1.75	1.49	1.48	1.76
20-Sep-2025	ns	ns	ns	ns	ns	ns
21-Sep-2025	ns	ns	ns	ns	ns	ns
22-Sep-2025	1.52	1.50	1.73	1.60	1.50	1.79
23-Sep-2025	1.46	1.45	1.71	1.55	1.51	1.74
24-Sep-2025	1.71	1.71	1.95	1.68	1.70	1.97
25-Sep-2025	1.97	1.95	2.40	2.17	1.98	2.50
26-Sep-2025	1.85	1.89	2.13	1.78	1.84	2.03
27-Sep-2025	ns	ns	ns	ns	ns	ns
28-Sep-2025	ns	ns	ns	ns	ns	ns
29-Sep-2025	1.57	1.64	1.90	1.47	1.61	1.82
30-Sep-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%:		20			20	
		0.50			0.50	
		20			20	
		100%			100%	

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

Comments:

Report Date: October 7, 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: **September 2025**

Report Created: **Wednesday, October 01, 2025**

Date	UVR-D100A		UVR-D200A		UVR-D300A		UVR-D400A		UVR-D500A		UVR-D600A		Total		% Volume
	Water Volume [ML]		Water Volume [ML]		Water Volume [ML]		Water Volume [ML]		Water Volume [ML]		Water Volume [ML]		Water Volume [ML]		Treated To
	To	Total	To	Total	To	Total	To	Total	To	Total	To	Total	To	Total	Dose
01/09/2025	0.00	0.00	95.17	95.17	0.00	0.00	0.00	0.00	93.03	93.03	0.00	0.00	188.20	188.20	100.00
02/09/2025	0.28	0.29	92.46	92.46	0.00	0.00	0.00	0.00	91.28	91.28	0.00	0.00	184.02	184.04	99.99
03/09/2025	0.00	0.00	93.11	93.11	0.00	0.00	0.00	0.00	92.10	92.10	0.00	0.00	185.21	185.21	100.00
04/09/2025	0.00	0.00	95.61	95.61	0.00	0.00	0.00	0.00	94.39	94.39	0.00	0.00	190.00	190.00	100.00
05/09/2025	0.00	0.00	96.49	96.49	0.00	0.00	0.00	0.00	94.87	94.87	0.00	0.00	191.36	191.36	100.00
06/09/2025	0.00	0.00	100.23	100.23	0.00	0.00	0.00	0.00	92.69	92.69	0.00	0.00	192.92	192.92	100.00
07/09/2025	0.00	0.00	100.89	100.89	0.00	0.00	0.00	0.00	92.07	92.07	0.00	0.00	192.96	192.96	100.00
08/09/2025	0.00	0.00	105.84	105.84	55.67	55.67	0.00	0.00	40.97	41.35	0.00	0.00	202.49	202.87	99.81
09/09/2025	0.00	0.00	106.12	106.12	0.00	0.00	0.00	0.00	96.89	96.89	0.00	0.00	203.01	203.01	100.00
10/09/2025	50.56	50.56	55.84	55.84	0.00	0.00	0.00	0.00	100.80	100.80	0.00	0.00	207.20	207.20	100.00
11/09/2025	106.14	106.14	0.00	0.00	0.00	0.00	0.00	0.00	103.76	103.76	0.00	0.00	209.91	209.91	100.00
12/09/2025	106.52	106.52	0.00	0.00	0.00	0.00	0.00	0.00	104.37	104.37	0.00	0.00	210.89	210.89	100.00
13/09/2025	106.78	106.78	0.00	0.00	0.00	0.00	0.00	0.00	104.88	104.88	0.00	0.00	211.66	211.66	100.00
14/09/2025	106.31	106.31	0.00	0.00	0.00	0.00	0.00	0.00	104.43	104.43	0.00	0.00	210.74	210.74	100.00
15/09/2025	105.27	105.27	0.00	0.00	0.00	0.00	0.00	0.00	103.99	103.99	0.00	0.00	209.26	209.26	100.00
16/09/2025	102.90	102.90	0.00	0.00	0.00	0.00	0.00	0.00	102.17	102.17	0.00	0.00	205.07	205.07	100.00
17/09/2025	103.28	103.28	0.00	0.00	0.00	0.00	0.00	0.00	102.78	102.78	0.00	0.00	206.06	206.06	100.00
18/09/2025	104.16	104.16	0.00	0.00	0.00	0.00	0.00	0.00	103.92	103.92	0.00	0.00	208.08	208.08	100.00
19/09/2025	103.72	103.72	0.00	0.00	0.00	0.00	0.00	0.00	103.35	103.35	0.00	0.00	207.06	207.06	100.00
20/09/2025	103.61	103.61	0.00	0.00	0.00	0.00	0.00	0.00	103.21	103.21	0.00	0.00	206.81	206.81	100.00
21/09/2025	101.47	101.47	0.00	0.00	0.00	0.00	0.00	0.00	101.22	101.22	0.00	0.00	202.69	202.69	100.00
22/09/2025	98.44	98.44	0.00	0.00	0.00	0.00	0.00	0.00	97.56	97.56	0.00	0.00	195.99	195.99	100.00
23/09/2025	98.25	98.25	0.00	0.00	0.00	0.00	0.00	0.00	97.75	97.75	0.00	0.00	196.00	196.00	100.00
24/09/2025	75.01	75.84	0.00	0.00	48.35	48.35	17.86	17.86	45.43	45.43	6.78	6.91	193.42	194.38	99.50
25/09/2025	93.92	93.92	0.00	0.00	96.25	96.25	0.00	0.00	0.00	0.00	0.00	0.00	190.18	190.18	100.00
26/09/2025	32.29	32.29	0.00	0.00	86.95	86.95	0.00	0.00	0.00	0.00	73.47	73.47	192.72	192.72	100.00
27/09/2025	0.00	0.00	0.00	0.00	83.78	83.78	0.00	0.00	0.00	0.00	113.12	113.12	196.90	196.90	100.00
28/09/2025	0.00	0.00	0.00	0.00	84.69	84.69	0.00	0.00	0.00	0.00	114.70	114.70	199.39	199.39	100.00
29/09/2025	0.00	0.00	1.40	1.40	84.51	84.57	0.00	0.00	4.90	4.90	109.56	109.56	200.36	200.42	99.97
30/09/2025	0.97	0.97	0.00	0.00	79.50	79.50	91.60	91.60	28.36	28.69	0.00	0.00	200.43	200.77	99.83
Total [ML]:															
	1599.87	1600.71	943.17	943.17	619.71	619.76	109.46	109.46	2301.15	2301.86	417.64	417.77	5990.99	5992.74	

Water Volume [%]:

To Dose per reactor	99.95	%	100.00	%	99.99	%	100.00	%	99.97	%	99.97	%
To Dose Total	99.97	%										

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: **September 2025**

Report Created: **Wednesday, October 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.
01/09/2025	96.7	96.2	97.2	96.7	OL	OL	2.5	2.2	OL	OL	OL	OL	2.5	2.3	OL	OL
02/09/2025	96.6	96.1	97.1	96.5	2.8	0.0	2.5	2.1	OL	OL	OL	OL	2.5	2.3	OL	OL
03/09/2025	96.6	96.3	97.1	96.7	OL	OL	2.5	2.1	OL	OL	OL	OL	2.5	2.3	OL	OL
04/09/2025	96.6	95.6	97.1	96.4	OL	OL	2.5	2.2	OL	OL	OL	OL	2.5	2.3	OL	OL
05/09/2025	96.3	95.8	96.9	96.2	OL	OL	2.5	2.3	OL	OL	OL	OL	2.5	2.3	OL	OL
06/09/2025	96.4	95.9	97.0	95.9	OL	OL	2.5	1.8	OL	OL	OL	OL	2.5	2.1	OL	OL
07/09/2025	96.5	95.9	97.0	96.6	OL	OL	2.5	2.2	OL	OL	OL	OL	2.4	2.3	OL	OL
08/09/2025	96.5	96.0	97.1	96.4	OL	OL	2.4	2.0	3.4	0.0	OL	OL	3.6	0.0	OL	OL
09/09/2025	96.7	96.3	97.1	96.6	OL	OL	2.5	2.2	OL	OL	OL	OL	2.9	2.4	OL	OL
10/09/2025	96.6	96.1	97.1	96.4	3.6	0.0	2.4	0.0	OL	OL	OL	OL	2.5	2.3	OL	OL
11/09/2025	96.4	96.0	96.9	96.5	2.6	2.3	OL	OL	OL	OL	OL	OL	2.5	2.3	OL	OL
12/09/2025	96.4	96.0	97.0	96.6	2.5	2.3	OL	OL	OL	OL	OL	OL	2.5	2.3	OL	OL
13/09/2025	96.1	94.7	96.7	95.2	2.5	2.3	OL	OL	OL	OL	OL	OL	2.5	2.3	OL	OL
14/09/2025	96.5	95.8	97.1	96.2	2.5	2.1	OL	OL	OL	OL	OL	OL	2.5	2.3	OL	OL
15/09/2025	96.5	96.0	97.1	96.8	2.5	2.3	OL	OL	OL	OL	OL	OL	2.5	2.3	OL	OL
16/09/2025	96.3	95.7	97.0	96.5	2.5	2.3	OL	OL	OL	OL	OL	OL	2.5	2.3	OL	OL
17/09/2025	96.3	95.7	97.0	96.0	2.5	2.3	OL	OL	OL	OL	OL	OL	2.5	2.3	OL	OL
18/09/2025	96.1	95.5	96.7	96.0	2.5	2.3	OL	OL	OL	OL	OL	OL	2.5	2.1	OL	OL
19/09/2025	95.9	95.3	96.5	96.2	2.5	2.3	OL	OL	OL	OL	OL	OL	2.5	2.1	OL	OL
20/09/2025	95.9	95.3	96.6	96.1	2.5	2.3	OL	OL	OL	OL	OL	OL	2.5	2.2	OL	OL
21/09/2025	96.0	95.0	96.7	95.5	2.5	2.3	OL	OL	OL	OL	OL	OL	2.5	2.2	OL	OL
22/09/2025	96.0	95.5	96.7	96.3	2.5	2.3	OL	OL	OL	OL	OL	OL	2.5	2.3	OL	OL
23/09/2025	96.0	95.2	96.7	96.2	2.5	2.3	OL	OL	OL	OL	OL	OL	2.5	2.3	OL	OL
24/09/2025	96.0	94.8	96.6	94.3	3.0	0.0	OL	OL	2.9	0.0	2.8	0.0	2.4	0.0	2.2	0.0
25/09/2025	95.9	95.5	96.5	96.0	3.4	3.2	OL	OL	2.5	2.3	OL	OL	OL	OL	OL	OL
26/09/2025	96.0	95.5	96.7	96.1	3.1	0.0	OL	OL	2.5	2.3	OL	OL	OL	OL	2.4	0.0
27/09/2025	96.2	95.5	96.9	95.9	OL	OL	OL	OL	2.5	2.3	OL	OL	OL	OL	2.4	2.2
28/09/2025	96.2	95.7	96.9	95.7	OL	OL	OL	OL	2.5	2.3	OL	OL	OL	OL	2.4	2.2
29/09/2025	96.2	95.6	96.8	96.3	OL	OL	2.3	0.0	2.5	1.9	OL	OL	2.0	0.0	2.4	2.0
30/09/2025	96.2	95.6	96.9	96.4	3.2	3.2	OL	OL	2.5	2.0	2.5	0.0	2.2	0.0	OL	OL

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

Submitted By (Print): D.Merredew

Signature: Original signed by D.Merredew