Beachburg Drinking Water System

Waterworks # 220003449
System Category – Large Municipal Residential

Annual Water Report

Prepared For: The Township of Whitewater Region

Reporting Period of January 1st – December 31st 2024

Issued: February 25th, 2025

Revision: 0

Operating Authority:

OCWA

ONTARIO CLEAN WATER AGENCY
AGENCE ONTARIENNE DES EAUX

This report has been prepared to satisfy the annual reporting requirements in O.Reg 170/03 Section 11 and Schedule 22

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Report Availability

The annual report will be available to residents at the Township of Whitewater Region's Municipal Office and copies provided free of charge if requested. The Township of Whitewater Region's Municipal Office is located at 44 Main Street, Cobden, Ontario.

There are no additional drinking water systems that receive water from this facility.

Compliance Report Card

Compliance Event	# of Events
Ministry of Environment Inspections	1 MECP Inspection on May 29th 2024 with a rating of 100%
Ministry of Labour Inspections	0
QEMS External Audit	1 Reaccreditation Audit completed on April 16th 2024 by Intertek - SAI Global. No major or minor non-conformances were identified.
AWQI's/BWA	1 AWQI – See Summary of Non-Compliance for Details / 0
Non-Compliance	1 - See Summary of Non-Compliance for Details
Community Complaints	4
Spills	0
Watermain Breaks	3 – See Distribution Maintenance for details

System Process Description

Raw Source

The Beachburg drinking water system consists of one (1) dug well and one (1) drilled well. Both wells are considered to be Groundwater Under the Direct Influence of Surface Water (GUDI). The principal water source is the dug well which is 3.6 m in diameter, and 7.6 m deep. The well is located within a pump house, approximately 20 m south of the water treatment plant. The well is beneath a concrete floor in the pump house and is equipped with four centrifugal low lift pumps, each with a rated capacity of 5.7 L/s (342 L/min). Water entry holes are constructed in the casing at various levels and are reported to be at depths of 3.8 m, 3.5 m, 3.2 m, 2.9 m and 2.6 m below the top of casing. A 150 mm discharge line connects the dug well to the treatment plant.

The second well, drilled in 1991 to a depth of 30.5 m, acts as a standby well to provide water in the summer when the demand increases. The drilled well is located on a hill in a fenced in enclosure approximately 60 m southwest of the dug well. The well is equipped with one submersible turbine

well pump with rated capacity of 11.4 L/s (684 L/min). Raw water from the drilled well travels through a 100 mm diameter discharge line, that connects to the 150 mm discharge header from the dug well. A raw water flow meter is installed on the 150 mm line to monitor flows of both wells. An interlock device between the pumps for the dug well and the drilled well ensures that only one well can operate at a time and elapsed running time meters for the well pumps allow for precise records of operating times.

Treatment

The raw water from either well is directed to the treatment plant through the common header where sodium hypochlorite used for pre-chlorination and PAS-8 used for coagulation are injected then mixed via an inline static mixer. Further sodium hypochlorite addition for post- chlorination is available, however it is generally not required as chlorine residuals are maintained without further chemical addition.

After the chemical addition water enters the Ecodyne treatment tank, travelling through a cone-shaped solids contact unit equipped with a mixer for coagulation and flocculation. The solids are settled via tube settlers as water levels rise in the clarifier. Clarified water is collected in troughs and distributed to the two-cell dual media (sand/anthracite) gravity filters. A common underdrain collects filter effluent from both cells, and a continuous online turbidimeter monitor's filter effluent turbidity. Water then enters the three- chambered clearwell with a total storage capacity of 656 m^3 which provides sufficient contact time to meet primary disinfection. Four high lift pumps, plus one standby fire pump direct water from the clearwell into the distribution system. Treated water flow leaving the clearwell is measured using a flow meter.

The process wastewater is discharged to a two- cell storage tank with a total usable capacity of 45.9 m^3. This tank provides settling for sludge, which is hauled off site for disposal. The plant directs the storage tank supernatant from the wastewater storage to Jackson Lake, located south of the plant.

Distribution

The Beachburg Distribution System is a Class 1 Distribution System that serves a population of approximately 900, and consists of approximately 10 km of watermains, and 64 fire hydrants. The distribution system does not include any reservoirs, booster stations or re-chlorination stations. Five sample stations are available on Lapasse Road, Anderson Drive, Cardell Street, Beachburg Road and Robertson Drive to facilitate distribution sampling and ensure adequate chlorine residuals in the distributed water.

Treatment Chemicals used during the reporting year:

Chemical Name	Use	Supplier
PAS-8	Coagulation & Flocculation	Kemira Canada Inc.
Sodium Hypochlorite	Disinfection	Brenntag Canada Inc.

Summary of Non-Compliance

Adverse Water Quality Incidents

Date	AWQI #	Location	Problem	Details	Legislation	Corrective Action Taken
01/16/2024	164349	Treated Water	Sodium Exceedance	Result of 27.4 mg/L	O.Reg 170/03	Resample, results of 24.7 mg/L

Non-Compliance

Legislation	requirement(s) system failed to meet	duration of the failure (i.e. date(s))	Corrective Action	Status
PTTW #P-300-1175624785	Exceeded PTTW Maximum Flow Rate of 613 L/min, max flow rate was 617 L/min	08/13/2024 from 13:36:20-13:39:29	Lowlift pump #4 was left in the manual position. When lowlift pumps #1, #2 and #3 were called to run based on the demand to fill the clearwell, the four pumps running simultaneously caused a volume greater than what the permit called for to be pulled. OCWA staff shut down the dug well production and swapped back to the drilled well for the evening.	Complete

Non-Compliance Identified in a Ministry Inspection:

Legislation	requirement(s) system failed to meet	duration of the failure (i.e. date(s))	Corrective Action	Status
None to report.				

Flows

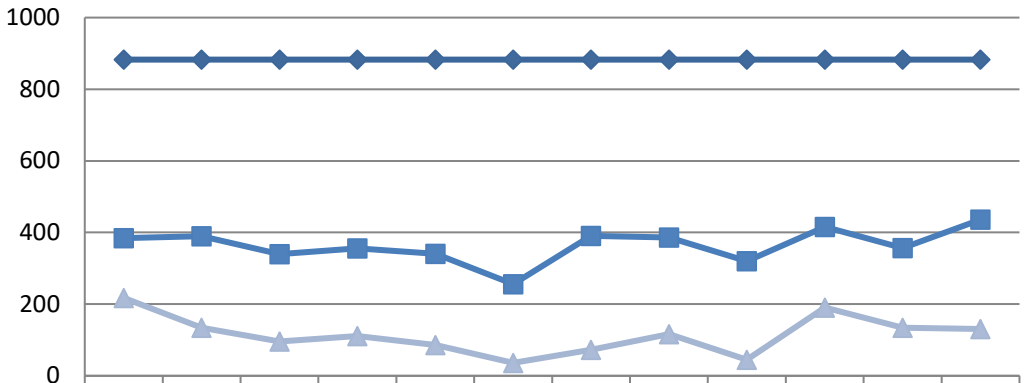
The Beachburg Drinking Water System is operating on average under half the rated capacity.

Raw Water Flows

The Raw Water flows are regulated under the Permit to Take Water. 2024 Raw Flow Data was submitted to the Ministry electronically under permit #P-300-1175624785. The confirmation that the data that was submitted is attached in Appendix A.

Dug Well Total Monthly Flows

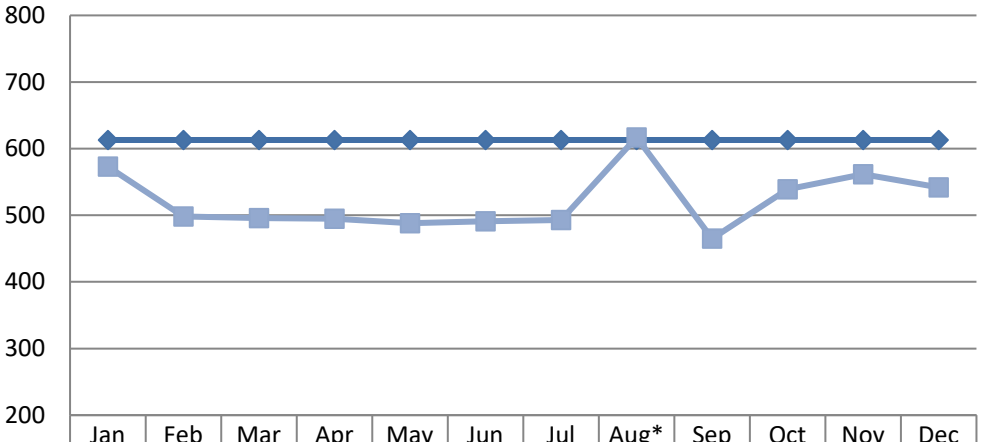
Max Allowable - PTTW



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Max Allowable (m3/d)	882.7	882.7	882.7	882.7	882.7	882.7	882.7	882.7	882.7	882.7	882.7	882.7
Max Flow (m3/d)	384	390	340	356	341	256	391	386	320	416	357	436
Avg (m3/d)	218	134	96	111	86	36	72	117	45	191	134	130

Dug Well Maximum Flow Rates

Max Allowable Rate - PTTW

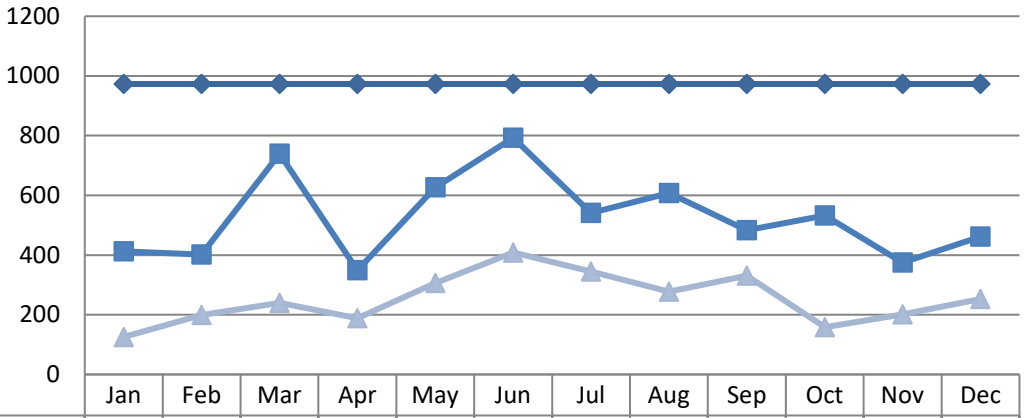


	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug*	Sep	Oct	Nov	Dec
Max Allowable Rate (L/s)	613	613	613	613	613	613	613	613	613	613	613	613
Max Flow (L/min)	573	498	496	495	488	491	493	617	465	539	562	542

*Note: spike in flow rate in August was reported as a PTTW Exceedance, SAC #1-9VMM2S

Drilled Well Total Monthly Flows

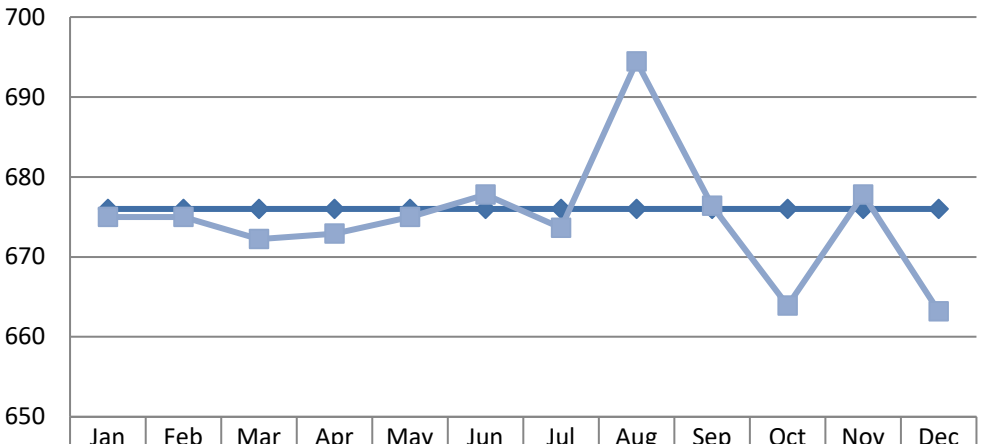
Max Allowable - PTTW



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Max Allowable (m3/d)	973	973	973	973	973	973	973	973	973	973	973	973
Max Flow (m3/d)	412	402	739	349	627	793	541	608	483	532	374.33	462
Avg (m3/d)	126	199	240	188	307	409	345	278	331	159	201	252

Drilled Well Maximum Flow Rates

Max Allowable Rate - PTTW



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Max Allowable Rate (L/s)	676	676	676	676	676	676	676	676	676	676	676	676
Max Flow (L/min)	675	675	672	673	675	678	674	694	676	664	678	663

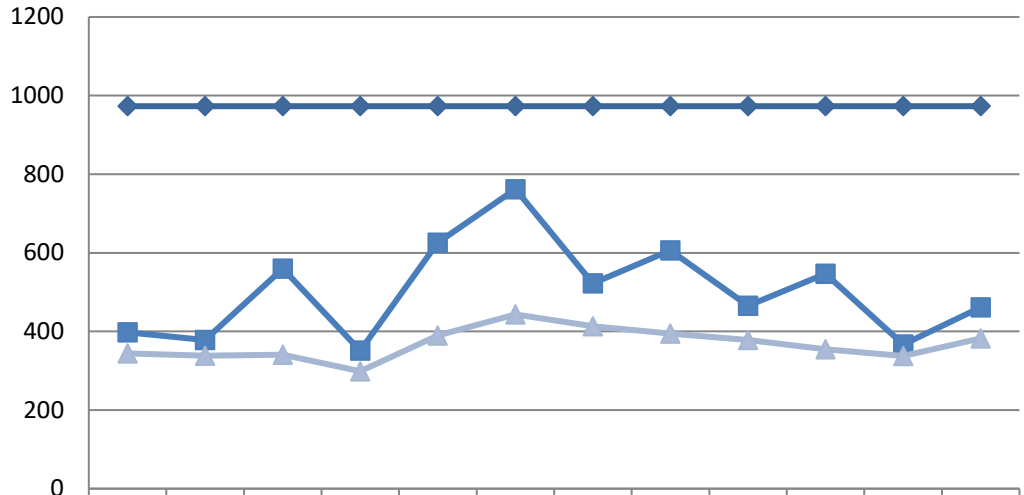
*Note: spikes in flow rate that are above max allowable rate were in June, August and November were on well pump start up and lasted less than a minute, events under a minute are not reportable as a PTTW exceedance.

Treated Water Flows

The Treated Water flows are regulated under the Municipal Drinking Water Licence.

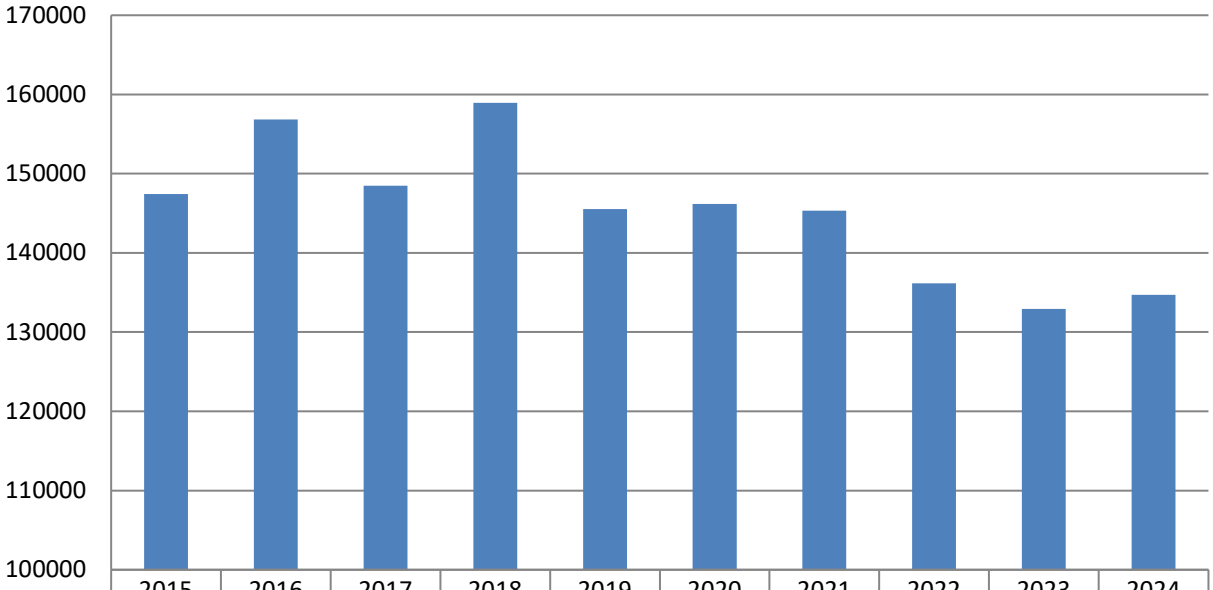
Monthly Rated Flows

Rated Capacity - MDWL



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Rated Capacity (m3/d)	973	973	973	973	973	973	973	973	973	973	973	973
Max Daily Flow (m3/d)	398	378	560	351	626	762	522	606	465	547	367	461
Avg (m3/d)	344	338	341	299	389	443	413	394	379	355	338	382

Annual Total Flow Comparison



	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
WTP (m3)	147416	156857	148472	158953	145547	146180	145318	136158	132928	134717

Regulatory Sample Results Summary

Microbiological Testing

	No. of Samples Collected	Range of E.Coli Results		Range of Total Coliform Results		Range of HPC Results	
		Min	Max	Min	Max	Min	Max
Dug Well	53	0	0	0	15	N/A	N/A
Drilled Well	53	0	0	0	22	N/A	N/A
Treated Water	53	0	0	0	0	0	28
Distribution Water	114	0	0	0	0	0	21

Operational Testing

	No. of Samples Collected	Range of Results	
		Minimum	Maximum
Turbidity, In-House (NTU) – RW1	17	0.24	2.56
Turbidity, In-House (NTU) – RW2	16	0.15	0.84
Turbidity, In-House (NTU) - TW	254	0.05	0.53
Turbidity, Online (NTU) – Filt1	8760	0	0.74
Free Chlorine Residual, Online (mg/L) - TW	8760	0.78	1.98
Free Chlorine Residual, In-House (mg/L) - TW	245	1.05	1.86
Free Chlorine Residual, In-House (mg/L) - DW	361	0.26	1.77

NOTE: spikes recorded by on-line instrumentation were a result of air bubbles and various maintenance/calibration activities. All spikes are reviewed for compliance with O.Reg 170/03

Inorganic Parameters

These parameters are tested as a requirement under O. Reg. 170/03. Sodium and Fluoride are required to be tested every 60 months. Nitrate and Nitrite are tested quarterly and metals are tested annually as required under O. Reg. 170/03. In the event any parameter exceeds half the maximum allowable concentration the parameter is required to be sampled quarterly.

- MAC = Maximum Allowable Concentration as per O. Reg. 169/03
- <MDL = Less than Method Detection Limit

	Sample Date (yyyy/mm/dd)	Sample Result	MAC	No. of Exceedances	
				MAC	1/2 MAC
Treated Water					
Antimony: Sb (ug/L) - TW	2024/01/09	<MDL 0.6	6.0	No	No
Arsenic: As (ug/L) - TW	2024/01/09	<MDL 0.2	10.0	No	No
Barium: Ba (ug/L) - TW	2024/01/09	89.6	1000.0	No	No
Boron: B (ug/L) - TW	2024/01/09	14.0	5000.0	No	No
Cadmium: Cd (ug/L) - TW	2024/01/09	<MDL 0.003	5.0	No	No
Chromium: Cr (ug/L) - TW	2024/01/09	0.26	50.0	No	No
Mercury: Hg (ug/L) - TW	2024/01/09	<MDL 0.01	1.0	No	No
Selenium: Se (ug/L) - TW	2024/01/09	<MDL 0.04	50.0	No	No
Uranium: U (ug/L) - TW	2024/01/09	0.137	20.0	No	No

	Sample Date (yyyy/mm/dd)	Sample Result	MAC	No. of Exceedances	
				MAC	1/2 MAC
Additional Inorganics					
Nitrite (mg/L) - TW	2024/01/09	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW	2024/04/09	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW	2024/07/02	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW	2024/10/01	<MDL 0.003	1.0	No	No
Nitrate (mg/L) - TW	2024/01/09	0.115	10.0	No	No
Nitrate (mg/L) - TW	2024/04/09	0.024	10.0	No	No
Nitrate (mg/L) - TW	2024/07/02	0.008	10.0	No	No
Nitrate (mg/L) - TW	2024/10/01	0.018	10.0	No	No
Fluoride (mg/L) - TW	2024/01/09	0.06	1.5	No	No
Sodium: Na (mg/L) - TW	2024/01/16	24.7	20*	No	No

*There is no "MAC" for Sodium. The aesthetic objective for sodium in drinking water is 200 mg/L. The local Medical Officer of Health should be notified mg/L when the sodium concentration exceeds 20 mg/L so that this information may be communicated to local physicians for their use with patients on sodium restricted diets.

Schedule 15 Sampling:

The Schedule 15 Sampling is required under O.Reg 170/03. This system is under exemption sampling. No plumbing samples were collected.

Distribution System	Number of Sampling Points	Number of Samples	Range of Results		MAC (ug/L)	Number of Exceedances
			Minimum	Maximum		
Alkalinity (mg/L)	4	4	207	242	N/A	N/A
pH	4	4	6.52	7.75	N/A	N/A
Lead (ug/L)	4	4	0.01	0.05	10	0

Organic Parameters

These parameters are tested annually as a requirement under O.Reg 170/03. In the event any of the parameters exceed half of the maximum allowable concentration the parameter is required to be sampled quarterly.

- MAC = Maximum Allowable Concentration as per O. Reg. 169/03
- <MDL = Less than Method Detection Limit

	Sample Date (yyyy/mm/dd)	Sample Result	MAC	Number of Exceedances	
				MAC	1/2 MAC
Treated Water					
Alachlor (ug/L) - TW	2024/01/09	<MDL 0.02	5.0	No	No
Atrazine + N-dealkylated metabolites (ug/L) - TW	2024/01/09	<MDL 0.01	5.0	No	No
Azinphos-methyl (ug/L) - TW	2024/01/09	<MDL 0.05	20.0	No	No
Benzene (ug/L) - TW	2024/01/09	<MDL 0.32	1.0	No	No
Benzo(a)pyrene (ug/L) - TW	2024/01/09	<MDL 0.004	0.01	No	No
Bromoxynil (ug/L) - TW	2024/01/09	<MDL 0.33	5.0	No	No
Carbaryl (ug/L) - TW	2024/01/09	<MDL 0.05	90.0	No	No
Carbofuran (ug/L) - TW	2024/01/09	<MDL 0.01	90.0	No	No

	Sample Date (yyyy/mm/dd)	Sample Result	MAC	Number of Exceedances	
				MAC	1/2 MAC
Carbon Tetrachloride (ug/L) - TW	2024/01/09	<MDL 0.17	2.0	No	No
Chlorpyrifos (ug/L) - TW	2024/01/09	<MDL 0.02	90.0	No	No
Diazinon (ug/L) - TW	2024/01/09	<MDL 0.02	20.0	No	No
Dicamba (ug/L) - TW	2024/01/09	<MDL 0.2	120.0	No	No
1,2-Dichlorobenzene (ug/L) - TW	2024/01/09	<MDL 0.41	200.0	No	No
1,4-Dichlorobenzene (ug/L) - TW	2024/01/09	<MDL 0.36	5.0	No	No
1,2-Dichloroethane (ug/L) - TW	2024/01/09	<MDL 0.35	5.0	No	No
1,1-Dichloroethylene (ug/L) - TW	2024/01/09	<MDL 0.33	14.0	No	No
Dichloromethane (Methylene Chloride) (ug/L) - TW	2024/01/09	<MDL 0.35	50.0	No	No
2,4-Dichlorophenol (ug/L) - TW	2024/01/09	<MDL 0.15	900.0	No	No
2,4-Dichlorophenoxy acetic acid (2,4-D) (ug/L) - TW	2024/01/09	<MDL 0.19	100.0	No	No
Diclofop-methyl (ug/L) - TW	2024/01/09	<MDL 0.4	9.0	No	No
Dimethoate (ug/L) - TW	2024/01/09	<MDL 0.06	20.0	No	No
Diquat (ug/L) - TW	2024/01/09	<MDL 1.0	70.0	No	No
Diuron (ug/L) - TW	2024/01/09	<MDL 0.03	150.0	No	No
Glyphosate (ug/L) - TW	2024/01/09	<MDL 1.0	280.0	No	No
Malathion (ug/L) - TW	2024/01/09	<MDL 0.02	190.0	No	No
Metolachlor (ug/L) - TW	2024/01/09	<MDL 0.01	50.0	No	No
Metribuzin (ug/L) - TW	2024/01/09	<MDL 0.02	80.0	No	No
Monochlorobenzene (Chlorobenzene) (ug/L) - TW	2024/01/09	<MDL 0.3	80.0	No	No
Paraquat (ug/L) - TW	2024/01/09	<MDL 1.0	10.0	No	No
PCB (ug/L) - TW	2024/01/09	<MDL 0.04	3.0	No	No
Pentachlorophenol (ug/L) - TW	2024/01/09	<MDL 0.15	60.0	No	No
Phorate (ug/L) - TW	2024/01/09	<MDL 0.01	2.0	No	No
Picloram (ug/L) - TW	2024/01/09	<MDL 1.0	190.0	No	No
Prometryne (ug/L) - TW	2024/01/09	<MDL 0.03	1.0	No	No
Simazine (ug/L) - TW	2024/01/09	<MDL 0.01	10.0	No	No
Terbufos (ug/L) - TW	2024/01/09	<MDL 0.01	1.0	No	No
Tetrachloroethylene (ug/L) - TW	2024/01/09	<MDL 0.35	10.0	No	No
2,3,4,6-Tetrachlorophenol (ug/L) - TW	2024/01/09	<MDL 0.2	100.0	No	No
Triallate (ug/L) - TW	2024/01/09	<MDL 0.01	230.0	No	No
Trichloroethylene (ug/L) - TW	2024/01/09	<MDL 0.44	5.0	No	No
2,4,6-Trichlorophenol (ug/L) - TW	2024/01/09	<MDL 0.25	5.0	No	No
2-methyl-4-chlorophenoxyacetic acid (MCPA) (ug/L) - TW	2024/01/09	<MDL 0.12	100.0	No	No
Trifluralin (ug/L) - TW	2024/01/09	<MDL 0.02	45.0	No	No
Vinyl Chloride (ug/L) - TW	2024/01/09	<MDL 0.17	1.0	No	No

Distribution samples are tested quarterly for THM's and HAA's in accordance with O. Reg. 170/03.

	Sample Year	Sample Result	MAC	No. of Exceedances	
				MAC	1/2 MAC
Distribution Water					
Trihalomethane (THM): Total (ug/L) – DW*	2024	52.8	100.0	No	Yes
Haloacetic Acid (HAA): Total (ug/L) - DW*	2024	29.8	80.0	No	No

*Running Annual Average
<MDL = Less than Method Detection Limit
MAC = Maximum Allowable Concentration as per O. Reg. 169/03

Additional Legislated Samples

Schedule C: System-Specific Conditions of Municipal Drinking Water License #203-102 requires the Beachburg Drinking Water System to monitor effluent discharged to the natural environment.

Legal Document	Date of Issuance	Parameter	Limit (mg/L)	Result (mg/L)
MDWL #203-102	24-Sept-2020	Backwash Effluent Suspended Solids	Annual Average < 25 mg/L	9.5
MDWL #203-102	24-Sept-2020	Backwash Effluent Total Chlorine Residual	Annual Average < 0.02 mg/L	0.02

Major Maintenance Summary

WO #	Description
3803216	Gas heater maintenance
3847893	Maintenance to treated water flow meter
3948373	Backwash sludge tank cleaned and inspected
3997560	Purchased replacement portable turbidimeter
4090602	Replaced check valves on chlorine dosing pumps
4141920	Replaced defective fuse on generator
4191893	Purchased distribution continuous chlorine analyzer

Distribution Maintenance

Date	Location Reference	Category	Details
03/04/2024	8 Caroline Street	1	1 meter of 8" blue brute plastic pipe replaced and two 8" hymax coupling installed, OIC on site, air gap maintained, all parts disinfected with 12% sodium hypochlorite. Flushing post repair.

Date	Location Reference	Category	Details
04/22/2024	6 Elliot Street	N/A	Replace standpipe rod and cotter key
04/23/ 2024	Entire System	N/A	Spring flushing program
08/03/2024	1936 Beachburg Road	1	One 8'' repair band installed, OIC on site, air gap maintained, all parts disinfected with 12% sodium hypochlorite. Flushing post repair.
09/04/2024	1855 Beachburg Road	1	63" of 10" blue brute plastic pipe replaced, one 10" Mueller gate valve replaced and two 10" hymax couplings installed, OIC on site, air gap maintained, all parts disinfected with 12% sodium hypochlorite. Flushing post repair.
10/01/2024	Entire System	N/A	Fall flushing program
10/16/2024	1936 Beachburg Road	1	One 8'' repair band installed, OIC on site, air gap maintained, all parts disinfected with 12% sodium hypochlorite. Flushing post repair.

Summary of Complaints

Location	Date	Nature of Complaint	Actions Taken
1719 Beachburg Road	02/09/2024	Coloured water	Resident ran cold water until colour was removed, bacteriological sample collected 02/13/2024, results of 0 CFU/100 ml for E.Coli and Total Coliform
1830 Beachburg Road	03/22/2024	Coloured water	Black ring observed in toilet, no issues anywhere else in the home. Questions about sodium concentration. Provided RCDHU media release and FAQ sheet
1855 Beachburg Road	08/16/2024	Water on roadway	Free chlorine found in water, scheduled repair for September 4th 2024
38 Robertson Drive	12/22/2024	High pressure	Home gauge measured 120 psi for 15 seconds, no spike in pressure leaving plant. 67.3 psi at time of complaint

Appendix A

RSRS Data and Submission Confirmation

Ontario **Regulatory Self-Reporting System** **Ministry of the Environment, Conservation and Parks**

Client Name: THE CORPORATION OF THE TOWNSHIP OF WHITEWATER REGION **Reporting Year:** 2024 **Service:** PTTW **Permit Number:** P-300-1175624785 **Permit Version:** 1.0 **New or Updated Submission:** NEW

Site Name: Beachburg Water Treatment Plant
Source ID: 500000637581 **Source Name:** Well 1 **Source Type:** Well
UTM(Zone/Easting/Northing): 18/356544.0/5065180.0 **Method of Determination:** Metered **Unit of Measure:** Litre

Description: Dug Well **Purpose Category:** Utilities **Specific Category:** Municipal Supply **Activity:** Water Supply

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	335000.0		123000.0		188000.0					232000.0	72000.0	
2	366000.0	203000.0		129000.0	312000.0		49000.0			414000.0		
3	314000.0	329000.0		255000.0	95000.0		339000.0		239000.0	387000.0		240000.0
4	345000.0	384000.0		277000.0		7000.0	73000.0		99000.0	396000.0		378000.0
5	337000.0	390000.0	125000.0	66000.0						356000.0	217000.0	122000.0
6	229000.0	162000.0	241000.0			173000.0		42000.0		356000.0	334000.0	
7	371000.0		286000.0					290000.0		356000.0	316000.0	
8	384000.0		138000.0		263000.0		305000.0	110000.0		54000.0	108000.0	
9	317000.0			43000.0	341000.0		125000.0		199000.0			
10	75000.0			251000.0	69000.0				52000.0			238000.0
11				298000.0		181000.0				224000.0		377000.0
12	163000.0		249000.0	89000.0		65000.0		245000.0		416000.0	144000.0	373000.0
13	326000.0	210000.0	307000.0		292000.0	148000.0		158000.0		416000.0	326000.0	94000.0
14	327000.0	334000.0	83000.0		127000.0					297000.0	357000.0	
15	376000.0	306000.0			220000.0		18000.0			113000.0	107000.0	
16	135000.0	94000.0		143000.0	69000.0		391000.0					
17				252000.0		77000.0	50000.0		320000.0			270000.0
18				300000.0					106000.0			383000.0
19	230000.0		108000.0	73000.0				259000.0			257000.0	335000.0
20	314000.0	38000.0	301000.0					298000.0			324000.0	73000.0
21	343000.0	334000.0	340000.0		84000.0			326000.0			317000.0	
22	363000.0	295000.0	77000.0	266000.0				331000.0		254000.0	78000.0	
23	150000.0	103000.0		160000.0				366000.0		344000.0		282000.0
24				66000.0	83000.0	256000.0	274000.0	386000.0	236000.0	324000.0		107000.0
25			235000.0			78000.0	344000.0	386000.0	109000.0	92000.0		
26	223000.0		304000.0				95000.0	91000.0			255000.0	
27	316000.0	144000.0	50000.0		107000.0	98000.0					357000.0	
28	331000.0	260000.0			310000.0			235000.0			347000.0	
29	69000.0	300000.0		301000.0	92000.0			92000.0		214000.0	111000.0	
30	4000.0			356000.0			178000.0			295000.0		337000.0
31										367000.0		436000.0

Site Name: Beachburg Water Treatment Plant
Source ID: 500000637582 **Source Name:** Well 2 **Source Type:** Well
UTM(Zone/Easting/Northing): 18/356519.0/5065161.0 **Method of Determination:** Metered **Unit of Measure:** Litre

Description: Drilled Well **Purpose Category:** Utilities **Specific Category:** Municipal Supply **Activity:** Water Supply

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1		395000.0	200000.0	291000.0		443000.0	344000.0	608000.0	339000.0	118000.0	211000.0	369000.0
2	45000.0	85000.0	298000.0	153000.0		645000.0	295000.0	597000.0	339000.0		350000.0	369000.0
3			514000.0		188000.0	505000.0	135000.0	456000.0	100000.0		350000.0	88000.0
4			739000.0		308000.0	793000.0	281000.0	456000.0	241000.0		350000.0	
5	95000.0		311000.0	230000.0	292000.0	562000.0	541000.0	456000.0	480000.0		103000.0	229000.0
6		169000.0		261000.0	356000.0	422000.0	451000.0	414000.0	309000.0			355000.0
7		351000.0		289000.0	372000.0	369000.0	451000.0	128000.0	307000.0			408000.0
8		301000.0	169000.0	302000.0	58000.0	351000.0	146000.0	331000.0	307000.0	242000.0	220000.0	408000.0
9	75000.0	385000.0	259000.0	223000.0		351000.0	302000.0	354000.0	108000.0	354000.0	340000.0	408000.0
10	250000.0	311000.0	353000.0	73000.0	253000.0	351000.0	395000.0	330000.0	203000.0	358000.0	296000.0	112000.0
11	412000.0	386000.0	321000.0		351000.0	89000.0	351000.0	330000.0	301000.0	122000.0	296000.0	
12	129000.0	402000.0	47000.0	163000.0	351000.0	208000.0	351000.0	85000.0	332000.0		152000.0	
13		98000.0		260000.0	59000.0	239000.0	462000.0	165000.0	317000.0			259000.0
14			188000.0	270000.0	268000.0	332000.0	462000.0	403000.0	439000.0			462000.0
15			422000.0	324000.0	100000.0	402000.0	444000.0	449000.0	439000.0	184000.0	191000.0	335000.0
16	208000.0	215000.0	320000.0	165000.0	368000.0	456000.0	100000.0	406000.0	439000.0	302000.0	374000.0	335000.0
17	335000.0	309000.0	317000.0		463000.0	385000.0	324000.0	370000.0	97000.0	532000.0	374000.0	99000.0
18	358000.0	309000.0	354000.0		386000.0	575000.0	351000.0	370000.0	330000.0	309000.0	374000.0	
19	58000.0	342000.0	149000.0	221000.0	472000.0	666000.0	432000.0	111000.0	483000.0	333000.0	99000.0	
20		300000.0		248000.0	574000.0	652000.0	397000.0	2000.0	452000.0	333000.0		278000.0
21				300000.0	627000.0	590000.0	397000.0		431000.0	333000.0		395000.0
22			204000.0	58000.0	445000.0	332000.0	397000.0		431000.0	72000.0	246000.0	395000.0
23	239000.0	183000.0	333000.0	138000.0	358000.0	408000.0	428000.0		431000.0		347000.0	113000.0
24	278000.0	354000.0	297000.0	333000.0	465000.0	69000.0	115000.0		79000.0		347000.0	303000.0
25	315000.0	336000.0	123000.0	317000.0	514000.0	322000.0			295000.0	312000.0	347000.0	413000.0
26	106000.0	288000.0		349000.0	426000.0	444000.0	237000.0	295000.0	313000.0	308000.0	69000.0	413000.0
27		256000.0	204000.0	277000.0	382000.0	262000.0	442000.0	438000.0	393000.0	308000.0		413000.0
28			373000.0	324000.0	2000.0	347000.0	442000.0	127000.0	429000.0	308000.0		402000.0
29	297000.0		284000.0	62000.0	233000.0	344000.0	442000.0	267000.0	429000.0	86000.0	225000.0	402000.0
30	346000.0		330000.0	3000.0	397000.0	344000.0	305000.0	322000.0	350000.0		369000.0	65000.0
31	345000.0		335000.0		440000.0		464000.0	339000.0				

Name of Attester
First Name: Kaylee
Last Name: Saar
Company: Ontario Clean Water Agency

Date Certified/Submitted(yyyy/mm/dd): 2025/02/24