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 2023

Issued: February 16th, 2024

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 24th 2023 with a rating of 100%
Ministry of Labour Inspections	0
QEMS External Audit	1 Audit completed on February 23rd 2023 by SAI Global. No major or minor non-conformances were identified.
AWQI's/BWA	0/0
Non-Compliance	1
Community Complaints	2
Spills	0
Watermain Breaks	0

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
None to report.						

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 676 L/min on three occasions	01/04/2023 from 12:55:09-13:58:45 & 17:52:52-18:49:06 & on 06/04/2023 from 9:08:25-10:14:25	The reported exceedances are a result of an outpost trending error as there is valve throttled in the raw water common header that would physically prevent the flow from remaining at a rate over 676 L/min during the drilled well pump's operation.	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

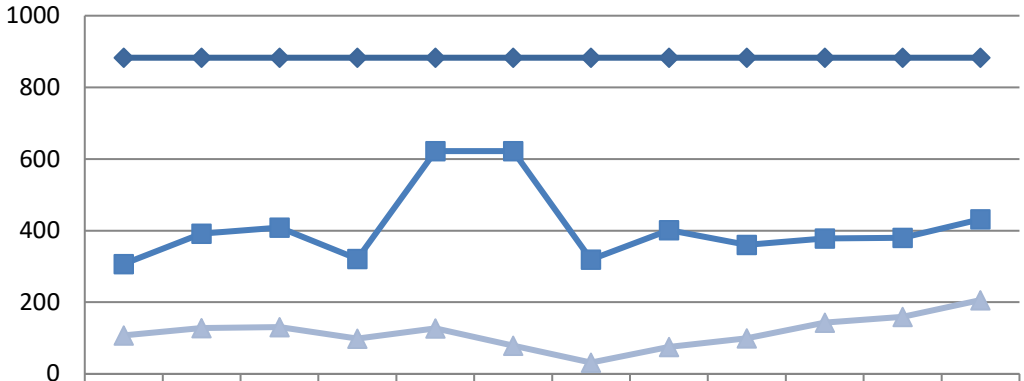
The Beachburg Drinking Water System is operating on average under half the rated capacity.

Raw Water Flows

The Raw Water flows are regulated under the Permit to Take Water. 2023 Raw Flow Data was submitted to the Ministry electronically under permit #P-300-1175624785. The confirmations that the data that was submitted are attached in Appendix A.

Dug Well Total Monthly Flows

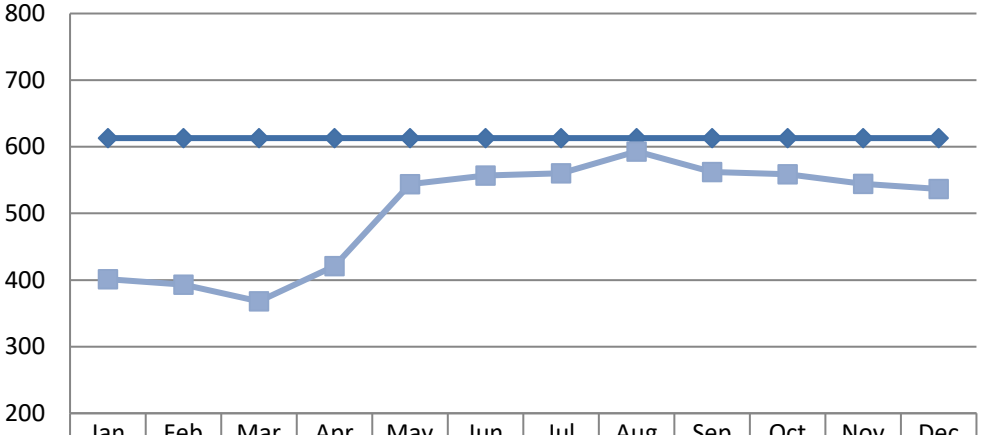
Max Allowable - PTTW



	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)	307	392	409	321	622	622	319	401	360	378	380	432
Avg (m3/d)	108	128	131	99	128	79	32	75	100	143	159	206

Dug Well Maximum Flow Rates

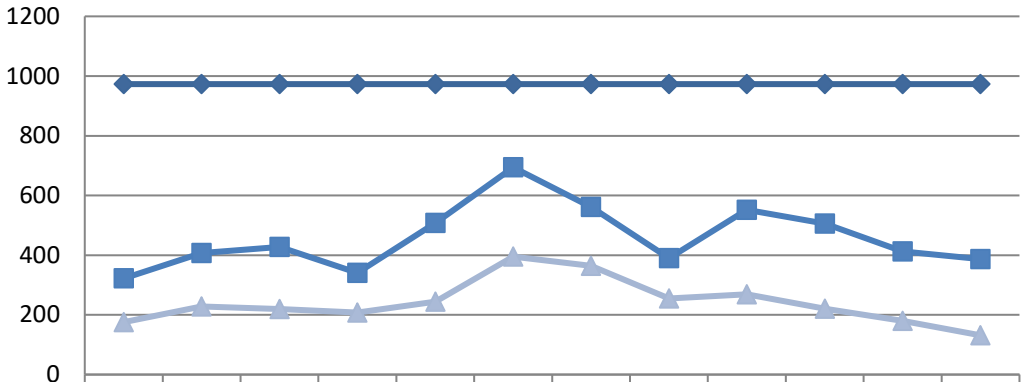
Max Allowable Rate - PTTW



	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)	401	393	368	421	544	557	560	593	562	559	544	537

Drilled Well Total Monthly Flows

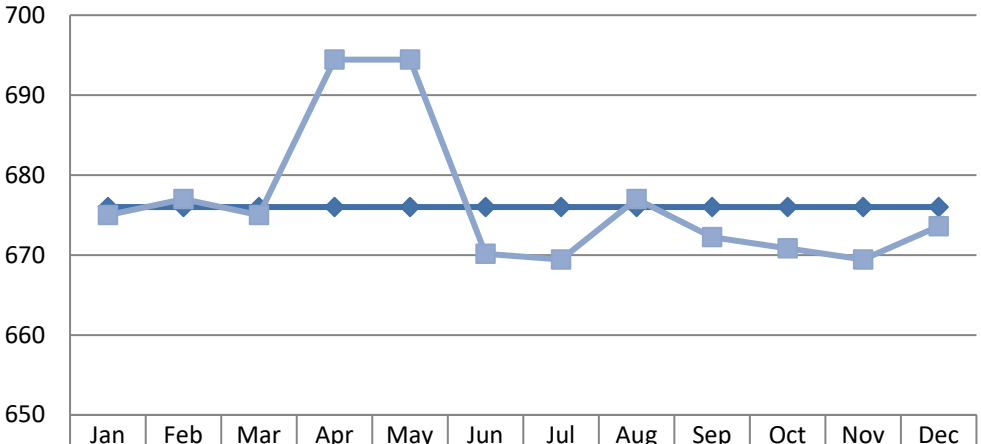
Max Allowable - PTTW



	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)	322	407	428	341	508	694	561	390	552	506	412	387
Avg (m3/d)	175	228	219	207	245	395	365	255	269	221	180	131

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	677	675	694	694	670	669	677	672	671	669	674

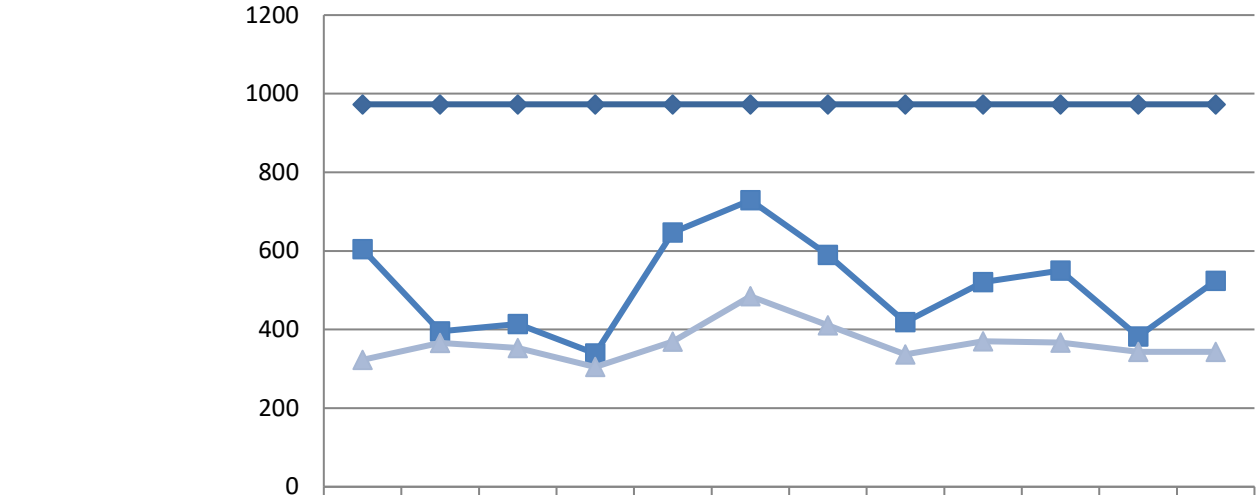
*Note: spikes in flow rate that are above max allowable rate were on well pump start up and lasted less than a minute, events under a minute are not reportable as a PTTW exceedance. Spikes in April that lasted longer than a minute were reported to the Ministry's Spill Action Centre, reference #1-3H3YD1

Treated Water Flows

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

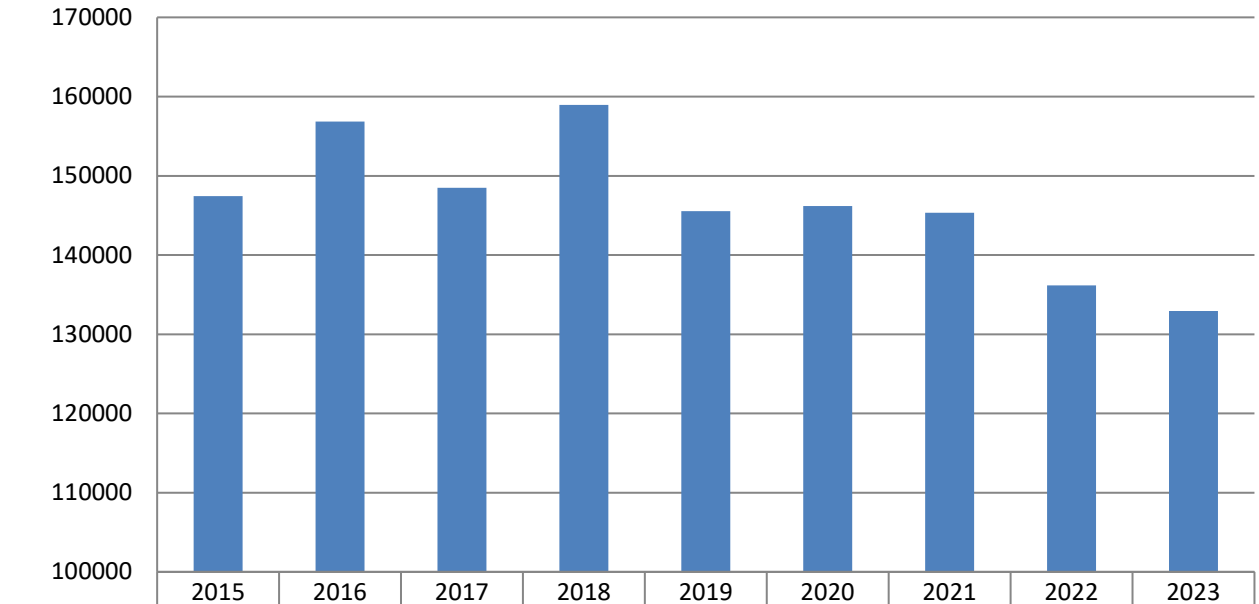
Monthly Rated Flows

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)	605	395	414	339	647	729	590	419	521	550	382	524
Avg (m3/d)	323	366	353	305	369	485	411	336	370	367	343	344

Annual Total Flow Comparison



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

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	54	0	0	0	45	N/A	N/A
Drilled Well	52	0	0	0	3	N/A	N/A
Treated Water	52	0	0	0	0	0	8
Distribution Water	117	0	0	0	0	0	5

Operational Testing

	No. of Samples Collected	Range of Results	
		Minimum	Maximum
Turbidity, In-House (NTU) – RW1	17	0.11	0.87
Turbidity, In-House (NTU) – RW2	22	0.26	1.2
Turbidity, In-House (NTU) - TW	241	0.01	0.27
Turbidity, Online (NTU) – Filt1	8760	0	0.36
Free Chlorine Residual, Online (mg/L) - TW	8760	1.11	1.98
Free Chlorine Residual, In-House (mg/L) - TW	210	0.14	2.06
Free Chlorine Residual, In-House (mg/L) - DW	368	0.36	1.82

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	2023/01/10	<MDL 0.6	6.0	No	No
Arsenic: As (ug/L) - TW	2023/01/10	<MDL 0.2	10.0	No	No
Barium: Ba (ug/L) - TW	2023/01/10	92.0	1000.0	No	No
Boron: B (ug/L) - TW	2023/01/10	10.0	5000.0	No	No
Cadmium: Cd (ug/L) - TW	2023/01/10	<MDL 0.003	5.0	No	No
Chromium: Cr (ug/L) - TW	2023/01/10	2.6	50.0	No	No
Mercury: Hg (ug/L) - TW	2023/01/10	<MDL 0.01	1.0	No	No
Selenium: Se (ug/L) - TW	2023/01/10	<MDL 0.04	50.0	No	No
Uranium: U (ug/L) - TW	2023/01/10	0.066	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	2023/01/10	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW	2023/04/04	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW	2023/07/11	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW	2023/10/10	<MDL 0.003	1.0	No	No
Nitrate (mg/L) - TW	2023/01/10	0.014	10.0	No	No
Nitrate (mg/L) - TW	2023/04/04	0.014	10.0	No	No
Nitrate (mg/L) - TW	2023/07/11	<MDL 0.006	10.0	No	No
Nitrate (mg/L) - TW	2023/10/10	<MDL 0.006	10.0	No	No
Fluoride (mg/L) - TW	2019/01/03	<MDL 0.1	1.5	No	No
Sodium: Na (mg/L) - TW	2019/01/03	9	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)	3	4	218	223	N/A	N/A
pH	3	4	7.0	7.6	N/A	N/A
Lead (ug/L)	2	2	0.02	0.02	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	2023/01/10	<MDL 0.02	5.0	No	No
Atrazine + N-dealkylated metabolites (ug/L) - TW	2023/01/10	<MDL 0.01	5.0	No	No
Azinphos-methyl (ug/L) - TW	2023/01/10	<MDL 0.05	20.0	No	No
Benzene (ug/L) - TW	2023/01/10	<MDL 0.32	1.0	No	No
Benzo(a)pyrene (ug/L) - TW	2023/01/10	<MDL 0.004	0.01	No	No
Bromoxynil (ug/L) - TW	2023/01/10	<MDL 0.33	5.0	No	No
Carbaryl (ug/L) - TW	2023/01/10	<MDL 0.05	90.0	No	No
Carbofuran (ug/L) - TW	2023/01/10	<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	2023/01/10	<MDL 0.17	2.0	No	No
Chlorpyrifos (ug/L) - TW	2023/01/10	<MDL 0.02	90.0	No	No
Diazinon (ug/L) - TW	2023/01/10	<MDL 0.02	20.0	No	No
Dicamba (ug/L) - TW	2023/01/10	<MDL 0.2	120.0	No	No
1,2-Dichlorobenzene (ug/L) - TW	2023/01/10	<MDL 0.41	200.0	No	No
1,4-Dichlorobenzene (ug/L) - TW	2023/01/10	<MDL 0.36	5.0	No	No
1,2-Dichloroethane (ug/L) - TW	2023/01/10	<MDL 0.35	5.0	No	No
1,1-Dichloroethylene (ug/L) - TW	2023/01/10	<MDL 0.33	14.0	No	No
Dichloromethane (Methylene Chloride) (ug/L) - TW	2023/01/10	<MDL 0.35	50.0	No	No
2,4-Dichlorophenol (ug/L) - TW	2023/01/10	<MDL 0.15	900.0	No	No
2,4-Dichlorophenoxy acetic acid (2,4-D) (ug/L) - TW	2023/01/10	<MDL 0.19	100.0	No	No
Diclofop-methyl (ug/L) - TW	2023/01/10	<MDL 0.4	9.0	No	No
Dimethoate (ug/L) - TW	2023/01/10	<MDL 0.06	20.0	No	No
Diquat (ug/L) - TW	2023/01/10	<MDL 1.0	70.0	No	No
Diuron (ug/L) - TW	2023/01/10	<MDL 0.03	150.0	No	No
Glyphosate (ug/L) - TW	2023/01/10	<MDL 1.0	280.0	No	No
Malathion (ug/L) - TW	2023/01/10	<MDL 0.02	190.0	No	No
Metolachlor (ug/L) - TW	2023/01/10	<MDL 0.01	50.0	No	No
Metribuzin (ug/L) - TW	2023/01/10	<MDL 0.02	80.0	No	No
Monochlorobenzene (Chlorobenzene) (ug/L) - TW	2023/01/10	<MDL 0.3	80.0	No	No
Paraquat (ug/L) - TW	2023/01/10	<MDL 1.0	10.0	No	No
PCB (ug/L) - TW	2023/01/10	<MDL 0.04	3.0	No	No
Pentachlorophenol (ug/L) - TW	2023/01/10	<MDL 0.15	60.0	No	No
Phorate (ug/L) - TW	2023/01/10	<MDL 0.01	2.0	No	No
Picloram (ug/L) - TW	2023/01/10	<MDL 1.0	190.0	No	No
Prometryne (ug/L) - TW	2023/01/10	<MDL 0.03	1.0	No	No
Simazine (ug/L) - TW	2023/01/10	<MDL 0.01	10.0	No	No
Terbufos (ug/L) - TW	2023/01/10	<MDL 0.01	1.0	No	No
Tetrachloroethylene (ug/L) - TW	2023/01/10	<MDL 0.35	10.0	No	No
2,3,4,6-Tetrachlorophenol (ug/L) - TW	2023/01/10	<MDL 0.2	100.0	No	No
Triallate (ug/L) - TW	2023/01/10	<MDL 0.01	230.0	No	No
Trichloroethylene (ug/L) - TW	2023/01/10	<MDL 0.44	5.0	No	No
2,4,6-Trichlorophenol (ug/L) - TW	2023/01/10	<MDL 0.25	5.0	No	No
2-methyl-4-chlorophenoxyacetic acid (MCPA) (ug/L) - TW	2023/01/10	<MDL 0.12	100.0	No	No
Trifluralin (ug/L) - TW	2023/01/10	<MDL 0.02	45.0	No	No
Vinyl Chloride (ug/L) - TW	2023/01/10	<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*	2023	49.5	100.0	No	No
Haloacetic Acid (HAA): Total (ug/L) - DW*	2023	28.0	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	6.6
MDWL #203-102	24-Sept-2020	Backwash Effluent Total Chlorine Residual	Annual Average < 0.02 mg/L	0.01

Major Maintenance Summary

WO #	Description
3431248	Reinstated perimeter fencing removed to enable the construction of roadway for the well pump replacement
3479968	Replaced drilled well pump
3661504	Maintenance to treated water chlorine analyzer
2824006	Replaced and removed existing pressure tank
3246068	Replaced defective hot water tank

Distribution Maintenance

Date	Location Reference	Category	Details
May 7th 2023	22 Anderson Road	N/A	Service leak repaired
July 20th 2023	77 Meadowview Drive	N/A	Replaced seals in Hydrant
August 3rd 2023	47 Robertson Drive	N/A	New service installed

Date	Location Reference	Category	Details
August 4th 2023	14 Morris Street	N/A	New service installed
August 15th 2023	9 Smith Street	N/A	Repaired damaged curbstop and lowered to grade of lawn
September 7th 2023	16 Harris Crescent	N/A	Repaired damaged curbstop and lowered to grade of lawn
September 14th 2023	Entire System	N/A	Valve exercising program
October 3rd 2023	Entire System	N/A	Fall flushing program

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:** 2023 **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		260000.0	334000.0			622000.0		99000.0				80000.0
2		295000.0			31000.0	55000.0						
3	220000.0				335000.0					33000.0	259000.0	
4	306000.0				130000.0		121000.0				303000.0	
5	283000.0			292000.0	130000.0		160000.0				380000.0	208000.0
6	80000.0			230000.0		181000.0			123000.0		359000.0	261000.0
7		138000.0	229000.0								108000.0	337000.0
8		392000.0	409000.0			244000.0		248000.0			230000.0	82000.0
9		309000.0	367000.0		261000.0			81000.0			317000.0	
10	130000.0				323000.0					308000.0	202000.0	
11	297000.0			212000.0	263000.0		92000.0	71000.0		320000.0	328000.0	
12	237000.0			301000.0		197000.0			238000.0	313000.0	379000.0	
13				269000.0		103000.0			259000.0	59000.0	337000.0	
14		161000.0	402000.0	83000.0		304000.0	319000.0		287000.0		69000.0	432000.0
15		366000.0	262000.0					72000.0	91000.0			308000.0
16		354000.0	366000.0		246000.0							347000.0
17	173000.0		101000.0		326000.0					250000.0		347000.0
18	296000.0			26000.0	269000.0		100000.0			342000.0		347000.0
19	247000.0			232000.0					199000.0	302000.0		153000.0
20	37000.0			301000.0		174000.0			294000.0	65000.0		151000.0
21		287000.0	207000.0	46000.0					343000.0		232000.0	274000.0
22		349000.0	288000.0					287000.0	114000.0		333000.0	303000.0
23		372000.0	305000.0		94000.0			297000.0			112000.0	351000.0
24	201000.0				323000.0			352000.0		202000.0		351000.0
25	244000.0			275000.0	21000.0		190000.0			317000.0		341000.0
26	307000.0			321000.0	117000.0	94000.0			247000.0	345000.0		313000.0
27				303000.0		324000.0			307000.0	334000.0		328000.0
28		312000.0	205000.0	68000.0		79000.0			360000.0	378000.0	173000.0	165000.0
29			306000.0					333000.0	127000.0	378000.0	334000.0	220000.0
30			281000.0		465000.0			401000.0		378000.0	312000.0	333000.0
31	285000.0				622000.0			99000.0		117000.0		358000.0

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	266000.0			305000.0	270000.0	32000.0	339000.0	242000.0	329000.0	386000.0	316000.0	222000.0
2	274000.0		424000.0	330000.0	259000.0	637000.0	341000.0	296000.0	358000.0	371000.0	412000.0	325000.0
3	47000.0	293000.0	405000.0	269000.0		681000.0	452000.0	353000.0	374000.0	378000.0	84000.0	387000.0
4		386000.0	383000.0	181000.0	229000.0	694000.0	400000.0	308000.0	472000.0	506000.0		350000.0
5		362000.0	360000.0	63000.0	291000.0	584000.0	381000.0	358000.0	436000.0	457000.0		205000.0
6	179000.0	376000.0	288000.0	276000.0	364000.0	297000.0	317000.0	326000.0	526000.0	504000.0		
7	322000.0	193000.0	110000.0	329000.0	373000.0	491000.0	561000.0	347000.0	552000.0	390000.0	199000.0	
8	284000.0			317000.0	291000.0	116000.0	535000.0	64000.0	393000.0	421000.0	58000.0	251000.0
9	318000.0			316000.0	47000.0	345000.0	535000.0	188000.0	334000.0	326000.0		348000.0
10	153000.0	356000.0	358000.0	304000.0		484000.0	559000.0	322000.0	354000.0	58000.0	109000.0	343000.0
11		377000.0	365000.0	55000.0	117000.0	444000.0	335000.0	254000.0	370000.0			361000.0
12		364000.0	428000.0		350000.0	90000.0	461000.0	275000.0	140000.0			257000.0
13	288000.0	351000.0	352000.0		411000.0	163000.0	332000.0	304000.0		276000.0		234000.0
14	298000.0	149000.0	53000.0	206000.0	381000.0	45000.0		298000.0		333000.0	272000.0	119000.0
15	311000.0			317000.0	356000.0	417000.0	393000.0	241000.0	208000.0	351000.0	341000.0	
16	270000.0			341000.0	48000.0	420000.0	352000.0	306000.0	324000.0	332000.0	304000.0	
17	86000.0	349000.0	298000.0	288000.0		473000.0	423000.0	362000.0	306000.0	99000.0	352000.0	
18		398000.0	358000.0	260000.0	39000.0	599000.0	323000.0	390000.0	387000.0		342000.0	
19		386000.0	413000.0	53000.0	322000.0	555000.0	441000.0	303000.0	99000.0		342000.0	199000.0
20	248000.0	354000.0	360000.0		244000.0	386000.0	431000.0	303000.0		276000.0	342000.0	151000.0
21	288000.0	103000.0	87000.0	236000.0	279000.0	569000.0	356000.0	303000.0		311000.0	91000.0	76000.0
22	317000.0			308000.0	391000.0	573000.0	315000.0	97000.0	240000.0	347000.0		
23	296000.0			287000.0	247000.0	562000.0	308000.0		369000.0	360000.0	305000.0	
24	86000.0	379000.0	391000.0	253000.0		588000.0	397000.0	12000.0	378000.0	145000.0	311000.0	
25		386000.0	335000.0	5000.0	333000.0	434000.0	110000.0	339000.0	360000.0		328000.0	
26		407000.0	328000.0		477000.0	186000.0	240000.0	298000.0	107000.0		348000.0	
27	281000.0	335000.0	323000.0		477000.0	48000.0	334000.0	322000.0			365000.0	
28	281000.0	89000.0	73000.0	260000.0	477000.0	228000.0	384000.0	361000.0			190000.0	163000.0
29	281000.0			334000.0	508000.0	368000.0	305000.0	70000.0	252000.0			84000.0
30	254000.0			326000.0		341000.0	326000.0		413000.0			
31	11000.0		301000.0				320000.0	272000.0		211000.0		

Name of Attester
First Name: Kaylee
Last Name: Saar
Company: Ontario Clean Water Agency
Date Certified/Submitted(yyyy/mm/dd): 2024/01/19