## **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 1<sup>st</sup> – December 31<sup>st</sup> 2022

Issued: February 22<sup>nd</sup>, 2023

Revised: March 29<sup>th</sup>, 2023

Revision: 1



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 September 30 <sup>th</sup> 2022, 100% Inspection
Ministry of Environment inspections	Rating
Ministry of Labour Inspections	0
QEMS External Audit	1 Audit completed on February 16 <sup>th</sup> 2022 by SAI Global. No major or minor non-conformances were identified.
AWQI's/BWA	0/0
Non-Compliance	0
Community Complaints	2
Spills	0
Watermain Breaks	1

## **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 coneshaped 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<sup>3</sup> 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<sup>3</sup>. 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.

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

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## Summary of Non-Compliance

#### Adverse Water Quality Incidents

Date	AWQI #	Location	Problem	Details	Legislation	Corrective Action Taken

#### Non-Compliance

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

#### 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. 2022 Raw Flow Data was submitted to the Ministry electronically under permits #3055-8W5KCG and #P-300-1175624785. The confirmations that the data that was submitted are attached in Appendix A.





#### Dug Well Maximum Flow Rates



#### Drilled Well Total Monthly Flows



#### Drilled Well Maximum Flow Rates

Max Allowable Rate - PTTW



\*Note spikes in flow rate that are above max allowable rate were on low lift 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



#### Annual Total Flow Comparison



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### **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	52	0	0	0	10	N/A	N/A
Drilled Well	52	0	0	0	0	N/A	N/A
Treated Water	52	0	0	0	0	0	13
Distribution Water	116	0	0	0	0	0	161

#### **Operational Testing**

	No. of Samples	Range o	of Results
	Collected	Minimum	Maximum
Turbidity, In-House (NTU) – RW1	24	0.17	1.56
Turbidity, In-House (NTU) – RW2	40	0.18	0.72
Turbidity, In-House (NTU) - TW	252	0.01	0.84
Turbidity, Online (NTU) – Filt1	8760	0	0.36
Free Chlorine Residual, Online (mg/L) - TW	8760	0.55	1.98
Free Chlorine Residual, In-House (mg/L) - TW	191	0.91	1.81
Free Chlorine Residual, In-House (mg/L) - DW	366	0.25	1.45

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	Comunita Descuita	MAG	No. of Exceedances		
	(yyyy/mm/dd)	Sample Result	IVIAC	MAC	1/2 MAC	
Treated Water						
Antimony: Sb (ug/L) - TW	2022/01/11	<mdl 0.6<="" td=""><td>6.0</td><td>No</td><td>No</td></mdl>	6.0	No	No	
Arsenic: As (ug/L) - TW	2022/01/11	<mdl 0.2<="" td=""><td>10.0</td><td>No</td><td>No</td></mdl>	10.0	No	No	
Barium: Ba (ug/L) - TW	2022/01/11	84.7	1000.0	No	No	
Boron: B (ug/L) - TW	2022/01/11	17.0	5000.0	No	No	
Cadmium: Cd (ug/L) - TW	2022/01/11	<mdl 0.003<="" td=""><td>5.0</td><td>No</td><td>No</td></mdl>	5.0	No	No	
Chromium: Cr (ug/L) - TW	2022/01/11	3.33	50.0	No	No	
Mercury: Hg (ug/L) - TW	2022/01/11	<mdl 0.01<="" td=""><td>1.0</td><td>No</td><td>No</td></mdl>	1.0	No	No	
Selenium: Se (ug/L) - TW	2022/01/11	<mdl 0.04<="" td=""><td>50.0</td><td>No</td><td>No</td></mdl>	50.0	No	No	
Uranium: U (ug/L) - TW	2022/01/11	0.053	20.0	No	No	

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	Sample Date	Sample Date Sample Bocult		No. of Ex	ceedances
	(yyyy/mm/dd)	Sample Result	MAC	MAC	1/2 MAC
Additional Inorganics					
Nitrite (mg/L) - TW	2022/01/11	<mdl 0.003<="" td=""><td>1.0</td><td>No</td><td>No</td></mdl>	1.0	No	No
Nitrite (mg/L) - TW	2022/04/05	<mdl 0.003<="" td=""><td>1.0</td><td>No</td><td>No</td></mdl>	1.0	No	No
Nitrite (mg/L) - TW	2022/07/12	<mdl 0.003<="" td=""><td>1.0</td><td>No</td><td>No</td></mdl>	1.0	No	No
Nitrite (mg/L) - TW	2022/10/04	<mdl 0.003<="" td=""><td>1.0</td><td>No</td><td>No</td></mdl>	1.0	No	No
Nitrate (mg/L) - TW	2022/01/11	0.015	10.0	No	No
Nitrate (mg/L) - TW	2022/04/05	0.108	10.0	No	No
Nitrate (mg/L) - TW	2022/07/12	<mdl 0.006<="" td=""><td>10.0</td><td>No</td><td>No</td></mdl>	10.0	No	No
Nitrate (mg/L) - TW	2022/10/04	0.092	10.0	No	No
Fluoride (mg/L) - TW	2019/01/03	<mdl 0.1<="" td=""><td>1.5</td><td>No</td><td>No</td></mdl>	1.5	No	No
Sodium: Na (mg/L) - TW	2019/01/03	9	20*	No	No

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\*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	f Number of Range of Results		MAC	Number of		
Distribution System	Sampling Points	Samples	Minimum	Maximum	(ug/L)	Exceedances	
Alkalinity (mg/L)	2	4	217	245	N/A	N/A	
рН	2	4	7.6	7.7	N/A	N/A	
Lead (ug/L)	N/A	N/A	N/A	N/A	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	Sample Result	MAC	Num Excee	nber of edances
	(yyyy/mm/dd)		1/2 MAC		
Treated Water					
Alachlor (ug/L) - TW	2022/01/11	<mdl 0.02<="" td=""><td>5.0</td><td>No</td><td>No</td></mdl>	5.0	No	No
Atrazine + N-dealkylated metabolites (ug/L) - TW	2022/01/11	<mdl 0.01<="" td=""><td>5.0</td><td>No</td><td>No</td></mdl>	5.0	No	No
Azinphos-methyl (ug/L) - TW	2022/01/11	<mdl 0.05<="" td=""><td>20.0</td><td>No</td><td>No</td></mdl>	20.0	No	No
Benzene (ug/L) - TW	2022/01/11	<mdl 0.32<="" td=""><td>1.0</td><td>No</td><td>No</td></mdl>	1.0	No	No
Benzo(a)pyrene (ug/L) - TW	2022/01/11	<mdl 0.004<="" td=""><td>0.01</td><td>No</td><td>No</td></mdl>	0.01	No	No
Bromoxynil (ug/L) - TW	2022/01/11	<mdl 0.33<="" td=""><td>5.0</td><td>No</td><td>No</td></mdl>	5.0	No	No
Carbaryl (ug/L) - TW	2022/01/11	<mdl 0.05<="" td=""><td>90.0</td><td>No</td><td>No</td></mdl>	90.0	No	No
Carbofuran (ug/L) - TW	2022/01/11	<mdl 0.01<="" td=""><td>90.0</td><td>No</td><td>No</td></mdl>	90.0	No	No

	Sample Date			Number of	
	(yyyy/mm/dd)	Sample Result	MAC	MAC	1/2 MAC
Carbon Tetrachloride (ug/L) - TW	2022/01/11	<mdl 0.17<="" td=""><td>2.0</td><td>No</td><td>No</td></mdl>	2.0	No	No
Chlorpyrifos (ug/L) - TW	2022/01/11	<mdl 0.02<="" td=""><td>90.0</td><td>No</td><td>No</td></mdl>	90.0	No	No
Diazinon (ug/L) - TW	2022/01/11	<mdl 0.02<="" td=""><td>20.0</td><td>No</td><td>No</td></mdl>	20.0	No	No
Dicamba (ug/L) - TW	2022/01/11	<mdl 0.2<="" td=""><td>120.0</td><td>No</td><td>No</td></mdl>	120.0	No	No
1.2-Dichlorobenzene (ug/L) - TW	2022/01/11	<mdl 0.41<="" td=""><td>200.0</td><td>No</td><td>No</td></mdl>	200.0	No	No
1,4-Dichlorobenzene (ug/L) - TW	2022/01/11	<mdl 0.36<="" td=""><td>5.0</td><td>No</td><td>No</td></mdl>	5.0	No	No
1,2-Dichloroethane (ug/L) - TW	2022/01/11	<mdl 0.35<="" td=""><td>5.0</td><td>No</td><td>No</td></mdl>	5.0	No	No
1,1-Dichloroethylene (ug/L) - TW	2022/01/11	<mdl 0.33<="" td=""><td>14.0</td><td>No</td><td>No</td></mdl>	14.0	No	No
Dichloromethane (Methylene Chloride) (ug/L) -	2022/01/11	0.84	50.0	No	No
TW					
2,4-Dichlorophenol (ug/L) - TW	2022/01/11	<mdl 0.15<="" td=""><td>900.0</td><td>No</td><td>No</td></mdl>	900.0	No	No
2,4-Dichlorophenoxy acetic acid (2,4-D) (ug/L) -	2022/01/11	<mdl 0.19<="" td=""><td>100.0</td><td>No</td><td>No</td></mdl>	100.0	No	No
Diclofop-methyl (ug/L) - TW	2022/01/11	<mdl 0.4<="" td=""><td>9.0</td><td>No</td><td>No</td></mdl>	9.0	No	No
Dimethoate (ug/L) - TW	2022/01/11	<mdl 0.06<="" td=""><td>20.0</td><td>No</td><td>No</td></mdl>	20.0	No	No
Diguat (ug/L) - TW	2022/01/11	<mdl 1.0<="" td=""><td>70.0</td><td>No</td><td>No</td></mdl>	70.0	No	No
Diuron (ug/L) - TW	2022/01/11	<mdl 0.03<="" td=""><td>150.0</td><td>No</td><td>No</td></mdl>	150.0	No	No
Glyphosate (ug/L) - TW	2022/01/11	<mdl 1.0<="" td=""><td>280.0</td><td>No</td><td>No</td></mdl>	280.0	No	No
Malathion (ug/L) - TW	2022/01/11	<mdl 0.02<="" td=""><td>190.0</td><td>No</td><td>No</td></mdl>	190.0	No	No
Metolachlor (ug/L) - TW	2022/01/11	<mdl 0.01<="" td=""><td>50.0</td><td>No</td><td>No</td></mdl>	50.0	No	No
Metribuzin (ug/L) - TW	2022/01/11	<mdl 0.02<="" td=""><td>80.0</td><td>No</td><td>No</td></mdl>	80.0	No	No
Monochlorobenzene (Chlorobenzene) (ug/L) - TW	2022/01/11	<mdl 0.3<="" td=""><td>80.0</td><td>No</td><td>No</td></mdl>	80.0	No	No
Paraquat (ug/L) - TW	2022/01/11	<mdl 1.0<="" td=""><td>10.0</td><td>No</td><td>No</td></mdl>	10.0	No	No
PCB (ug/L) - TW	2022/01/11	<mdl 0.04<="" td=""><td>3.0</td><td>No</td><td>No</td></mdl>	3.0	No	No
Pentachlorophenol (ug/L) - TW	2022/01/11	<mdl 0.15<="" td=""><td>60.0</td><td>No</td><td>No</td></mdl>	60.0	No	No
Phorate (ug/L) - TW	2022/01/11	<mdl 0.01<="" td=""><td>2.0</td><td>No</td><td>No</td></mdl>	2.0	No	No
Picloram (ug/L) - TW	2022/01/11	<mdl 1.0<="" td=""><td>190.0</td><td>No</td><td>No</td></mdl>	190.0	No	No
Prometryne (ug/L) - TW	2022/01/11	<mdl 0.03<="" td=""><td>1.0</td><td>No</td><td>No</td></mdl>	1.0	No	No
Simazine (ug/L) - TW	2022/01/11	<mdl 0.01<="" td=""><td>10.0</td><td>No</td><td>No</td></mdl>	10.0	No	No
Terbufos (ug/L) - TW	2022/01/11	<mdl 0.01<="" td=""><td>1.0</td><td>No</td><td>No</td></mdl>	1.0	No	No
Tetrachloroethylene (ug/L) - TW	2022/01/11	<mdl 0.35<="" td=""><td>10.0</td><td>No</td><td>No</td></mdl>	10.0	No	No
2,3,4,6-Tetrachlorophenol (ug/L) - TW	2022/01/11	<mdl 0.2<="" td=""><td>100.0</td><td>No</td><td>No</td></mdl>	100.0	No	No
Triallate (ug/L) - TW	2022/01/11	<mdl 0.01<="" td=""><td>230.0</td><td>No</td><td>No</td></mdl>	230.0	No	No
Trichloroethylene (ug/L) - TW	2022/01/11	<mdl 0.44<="" td=""><td>5.0</td><td>No</td><td>No</td></mdl>	5.0	No	No
2,4,6-Trichlorophenol (ug/L) - TW	2022/01/11	<mdl 0.25<="" td=""><td>5.0</td><td>No</td><td>No</td></mdl>	5.0	No	No
2-methyl-4-chlorophenoxyacetic acid (MCPA)	2022/01/11	<mdl 0.12<="" td=""><td>100.0</td><td>No</td><td>No</td></mdl>	100.0	No	No
(ug/L) - TW					
Trifluralin (ug/L) - TW	2022/01/11	<mdl 0.02<="" td=""><td>45.0</td><td>No</td><td>No</td></mdl>	45.0	No	No
Vinyl Chloride (ug/L) - TW	2022/01/11	<mdl 0.17<="" td=""><td>1.0</td><td>No</td><td>No</td></mdl>	1.0	No	No

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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)	2022	42.2	100.0	No	No
Annual Running Average - DW	2022	42.5	100.0	NO	NO
Haloacetic Acid (HAA): Total (ug/L)	2022	22 E	<u>00 0</u>	No	No
Annual Running Average - DW	2022	32.5	80.0	NO	INO

#### **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 Issuar		Parameter	Limit (mg/L)	Result (mg/L)
MDWL #203-102	24-Sept-2020	Backwash Effluent Suspended Solids	Annual Average < 25 mg/L	3.2
MDWL #203-102	24-Sept-2020	Backwash Effluent Total Chlorine Residual	Annual Average < 0.02 mg/L	0.01

### **Major Maintenance Summary**

WO #	Description
3062906	Repair natural gas heating units throughout facility
2921185	Dug Well pump #4 refurbished by MacKinnon Well Drilling and Capital Controls
3108705	Backwash sludge holding tank cleaned and inspected
2824006	Pressure tank replacement installation began

#### **Distribution Maintenance**

Date	Location Reference	Category	Details
April 20, 2022	Entire System	N/A	Spring flushing program
August 5, 2022	Cameron Street	N/A	Temporary water line installed ahead of waterline replacement
August 23, 2021	Cameron Street	1	Replaced watermain on Cameron street disinfected, sampled and put into service. Temporary water line decommissioned
September 27, 2022	Entire System	N/A	Fall flushing program
December 13, 2022	11 Cameron Street	N/A	Service repaired after it was damaged by plow truck. Replaced fitting and lowered into ground to avoid getting hit

# **Appendix A**

WTRS and RSRS Data and Submission Confirmation





Ministry of the Environment, Conservation and Parks

WT DATA USER PROFILE CON	TACT US   HELP   HOME   LOGOUT	
Location: WTR Password put W	T Record	WTRS-WT-004
	Water Taking Data submitted succes	sfully.
Confirmation:		
Thank you for submitting your water tak	ing data online.	
Permit Number: 3055-8W5KCG Permit Holder: THE CORPORATION OF TH Received on:Feb 16, 2023 11:05 AM This confirmation indicates that your dat specified on the Permit Number, assigned	HE TOWNSHIP OF WHITEWATER REGION. a has been received by the Ministry,but should not be co d to the Permit Holder stated above.	nstrued as acceptance of this data if it differs from that
	Print Confirmation Return to Mai	n Page
		KAYLEE SAAR   2023/02/16 version: v4.5.0.21 (build#: 22) Last modified: 2018/09/18
Ontario 🐨 This site mainta the Government	ined by of Ontario	©2023 <u>Queen's Printer for Ontario</u>

## Ontario 😵 Regulatory Self-Reporting System

## Ministry of the Environment, Conservation and Parks

Client Name: THE CORPORATION OF THE TOWNSHIP OF WHITEWATER REGION Reporting Year: 2022 Service: PTTW Perm

Version: 1.0New or Updated Submission: NEWSite Name: Beachburg Water Treatment PlantSource ID: 50000637581Source Name: Well 1UTM(Zone/Easting/Northing): 18/356544.0/5065180.0

Source Type: Well

Method of Determination: Calculated

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										312000.0		301000.0
2								183000.0		359000.0	200000.0	297000.0
3								117000.0		248000.0	108000.0	291000.0
4										72000.0		292000.0
5										230000.0		245000.0
6									158000.0	288000.0		
7									394000.0	242000.0		157000.0
8								478000.0		322000.0	4000.0	248000.0
9										282000.0		272000.0
10										287000.0		277000.0
11										328000.0		299000.0
12									149000.0	271000.0		301000.0
13									326000.0	289000.0		293000.0
14									327000.0	268000.0		254000.0
15									224000.0	271000.0	82000.0	305000.0
16								189000.0	262000.0	290000.0	39000.0	273000.0
17									325000.0	242000.0	341000.0	319000.0
18								191000.0	340000.0		286000.0	308000.0
19									337000.0	200000.0	299000.0	288000.0
20							165000.0		269000.0	286000.0	316000.0	
21										262000.0	317000.0	
22									122000.0	308000.0		206000.0
23								112000.0	290000.0	302000.0	100000.0	281000.0
24									279000.0	302000.0	371000.0	323000.0
25							140000.0	121000.0	312000.0	7000.0	302000.0	258000.0
26							28000.0		283000.0	167000.0	317000.0	310000.0
27										264000.0	279000.0	264000.0
28							167000.0			225000.0	294000.0	
29								102000.0	206000.0	266000.0	5000.0	
30								182000.0	281000.0	287000.0	233000.0	
00												

Pe	ri	m	h	t

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
31								320000.0	

Oct	Nov	Dec
226000.0		

Site Name: Beachburg Water Treatment PlantSource ID: 50000637582Source Name: Well 2UTM(Zone/Easting/Northing): 18/356519.0/5065161.0

Source Type: Well Method of Determination: Metered

Unit of Measure: Litre

**Description:** Drilled Well

Purpose Category: Utilities

Specific Category: Municipal Supply

Activity Water Supply

1   6   78500.0   38000.0   27700.0     2   6   15500.0   33000.0   28700.0     3   6   406800.0   32000.0   28700.0     4   63400.0   32600.0   28700.0   28700.0     5   6   73100.0   33600.0   28100.0     7   74200.0   15700.0   28100.0   334000.0     7   74200.0   77200.0   28100.0   334000.0     7   74200.0   77400.0   21600.0   34000.0     7   6   34900.0   21600.0   34000.0     8   6   55300.0   37900.0   22800.0     11   6   65300.0   37900.0   22800.0     12   6600.0   41900.0   23700.0   600.0     13   6   66500.0   23700.0   600.0     14   66000.0   4100.0   22800.0   600.0     15   6   67100.0   7600.0   22800.0     16		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2   131900.0   88000.0     3   14000.0   31900.0   88000.0     4   1   1   46500.0   32500.0   220000.0   281000.0     5   1   1   73100.0   33300.0   7700.0   28100.0   32400.0     6   1   73100.0   343000.0   7700.0   28100.0   32400.0     7   1   1   34400.0   12000.0   12000.0   10000.0     8   1   1   24900.0   37900.0   221900.0   1000.0     11   1   1   1   221900.0   27900.0   22900.0     12   1   1   1   227900.0   14900.0   22900.0     13   1   1   1   22700.0   14900.0   22900.0     14   1   1   22700.0   14900.0   22900.0   14900.0     14   1   1   1   22700.0   14900.0   22700.0   14900.0   22700.0   14900.0	1								785000.0	360000.0		277000.0	
3   6   6   4   4   4   6   4   6   4   14700.0     4   6   7   7   6   34600.0   12000.0   12100.0   32400.0   10000.0   32400.0   10000.0   32400.0   10000.0   32400.0   10000.0   221000.0   1000.0   221000.0   1000.0   221000.0   1000.0   22000.0   1000.0   22000.0   1000.0   22000.0   1000.0   22000.0   1000.0   22000.0   1000.0   22000.0   1000.0   2200.0   1000.0   2200.0   1000.0   2200.0   1000.0   2200.0   1000.0   2200.0   1000.0   2200.0   1000.0   2200.0   1000.0   2200.0   1000.0   2200.0   1000.0   2200.0   1000.0   2200.0   10000.0   2200.0   1000	2								515000.0	319000.0		86000.0	
1 1	3								406000.0	320000.0		147000.0	
5   73100.0 36300.0 7700.0 28100.0 334000.0 304000.0 304000.0 10000.0 100000.0 10000.	4								634000.0	325000.0	200000.0	261000.0	
6 79200.0 15700.0 28100.0 32400.0   7 34000.0 72400.0 172400.0 28100.0 32400.0   8 A A 34600.0 21600.0 21600.0 21600.0 21600.0 37000.0 21600.0 21600.0 37000.0 21600.0 21600.0 37000.0 22600.0 37000.0 22600.0 37000.0 22600.0 22600.0 37000.0 22700.0 32300.0 600.0   11 A <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>731000.0</td> <td>363000.0</td> <td>77000.0</td> <td>261000.0</td> <td></td>	5								731000.0	363000.0	77000.0	261000.0	
7 6 6 6 344000.0 10000.0   8 6 348000.0 216000.0 216000.0 10000.0   10 6 6 61000.0 379000.0 219000.0 219000.0   11 6 6 647000.0 379000.0 229000.0 229000.0   11 6 6 66000.0 149000.0 229000.0 6000.0   12 6 66000.0 149000.0 229000.0 6000.0   14 6 6 66000.0 41000.0 229000.0 6000.0   14 6 6 66000.0 7000.0 21200.0 6000.0 610000.0 610000.0	6								792000.0	157000.0		261000.0	324000.0
8    6   6   348000.0   218000.0     9    550000.0   37900.0   228000.0     11    650000.0   379000.0   228000.0     11    650000.0   379000.0   228000.0     12     647000.0   379000.0   228000.0     14      662000.0   149000.0   228000.0     14      662000.0   41000.0   228000.0   6000.0     15        212000.0   212000.0     16        212000.0   212000.0     16       212000.0   212000.0   212000.0     16       38000.0   38000.0   38000.0   212000.0     17      38000.0   38000.0   381000.0   381000.0   381000.0	7								724000.0			304000.0	100000.0
9   6   51000.0   37900.0   21900.0     10   55300.0   37900.0   22900.0     12   64700.0   37900.0   23700.0     12   6   64700.0   37900.0   22900.0     13   6   60200.0   14900.0   22900.0     14   6   60200.0   41000.0   22900.0     15   6   66200.0   41000.0   22900.0     16   6   66200.0   41000.0   21200.0     16   6   67100.0   7600.0   21200.0     17   6   6   68500.0   21200.0     18   6   68500.0   8100.0   21200.0     19   6   64500.0   8100.0   29200.0     20   6   69400.0   32600.0   33100.0     21   6   6   67900.0   33000.0   1200.0     22   6   6   67900.0   33000.0   1200.0   341000.0     23	8									348000.0		216000.0	
10 100 100	9								510000.0	379000.0		219000.0	
11 Image: Constraint of the constraint	10								553000.0	370000.0		228000.0	
1214 <td>11</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>647000.0</td> <td>379000.0</td> <td></td> <td>237000.0</td> <td></td>	11								647000.0	379000.0		237000.0	
13 Image: state stat	12								560000.0	149000.0		279000.0	
14 Image: Constraint of the constraint	13								602000.0	41000.0		323000.0	6000.0
15 Image: Constraint of the constraint	14								665000.0			257000.0	
16 (m) (m	15								671000.0	76000.0		212000.0	
171816161658600.0161	16								413000.0			212000.0	
18 Image: state stat	17								586000.0				
1910101064500.08100.08100.08100.010	18								433000.0		326000.0		
20 64000.0 26500.0 26500.0 29200.0   21 64000.0 36000.0 36000.0 31300.0 31300.0   22 6 6 67900.0 33300.0 12200.0 36100.0 10000.0   23 6 6 6 79300.0 35000.0 12200.0 36100.0 10000.0   24 6 6 6 6 33000.0 12200.0 14900.0 14900.0 14900.0 14900.0 10000.0 10000.0 14900.0	19								645000.0		81000.0		
21 Image: Signe Sign	20							594000.0	640000.0	265000.0			292000.0
22Image: select sel	21							553000.0	462000.0	360000.0			313000.0
23 image: state in the s	22							679000.0	333000.0	122000.0		361000.0	100000.0
24 image: state of the s	23							793000.0	350000.0			149000.0	
25 indication (1) inditereal (1) indication (1) <td>24</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>600000.0</td> <td>327000.0</td> <td></td> <td></td> <td></td> <td></td>	24							600000.0	327000.0				
26 image: state of the s	25							435000.0	330000.0		299000.0		
27 Image: State Stat	26							621000.0	343000.0		300000.0		
28 Image: Marking Constraints of Marking Cons	27							717000.0	332000.0	355000.0			
29 Image: Constraint of the state of	28							561000.0	398000.0	463000.0			286000.0
30 64400.0 18200.0 3300.0 26400.0   31 6 <th< td=""><td>29</td><td></td><td></td><td></td><td></td><td></td><td></td><td>650000.0</td><td>239000.0</td><td>72000.0</td><td></td><td>274000.0</td><td>255000.0</td></th<>	29							650000.0	239000.0	72000.0		274000.0	255000.0
<b>31 31 31 31 31 31 31 31</b>	30							644000.0	182000.0			33000.0	264000.0
	31							733000.0					259000.0

Name of Attester First Name: Kaylee Last Name: Saar Company: Ontario Clean Water Agency Date Certified/Submitted(yyyy/mm/dd): 2023/02/21